Canon eos 4000d user manual pdf file download online full

I'm not robot!

```
Free Download Canon EOS 4000D PDF User Manual, User Guide, Instructions, Canon EOS 4000D Owner's Manual. Canon EOS 4000D DSLR houses a 18 MP APC-C CMOS sensor and DIGIC 4+ Image Processor delivers stunning images. The EOS 4000D DSLR houses a 18 MP APC-C CMOS sensor and DIGIC 4+ Image Processor delivers stunning images.
focus whether the camera is oriented in portrait or landscape position. The AI Servo AF for faster tracking and more accurate results. The EOS 4000D is bulit-in Wi-Fi for instantly share images and remote control. Other highlights include 2.7-inch LCD display, 1920x1080/30p full HD movie recording, Video Snapshot mode, 3 fps continuous shooting
Creative Filters and Scene Intelligent Auto mode automatically optimizes every shot for great results. Canon EOS 4000D Key Features:18 megapixel APS-C CMOS sensorDIGIC 4+ Image Processor9-point AF system and AI Servo AF2.7" 230k-dot LCD screenISO 100-6400 (expandable to ISO 12800)3 fps continuous shooting1080/30p Full
HD videosVideo SnapshotScene Intelligent Auto modeCreative FiltersFeature GuideBuilt-in Wi-FiCanon EOS 4000D, include Quick Start Guide, Menu Functions, Advanced Guide, Menu Functions, Custom Settings, Troubleshooting &
Specifications of Canon EOS 4000D. Free Download Canon EOS 4000D User Manual, User Guide, Owner's Manual, Operating Instructions in PDF file: Canon EOS 4000D User Manual (PDF) - EnglishCanon EOS 4000D User Manual, Operating Instructions in PDF file: Canon EOS 4000D User Manual, Operating Instructions in PDF file: Canon EOS 4000D User Manual, Operating Instructions in PDF file: Canon EOS 4000D User Manual, Operating Instructions in PDF file: Canon EOS 4000D User Manual, Operating Instructions in PDF file: Canon EOS 4000D User Manual, Operating Instructions in PDF file: Canon EOS 4000D User Manual, Operating Instructions in PDF file: Canon EOS 4000D User Manual, Operating Instruction Instruction
 French User Manual (PDF) - FrançaisCanon EOS 4000D Spanish User Manual (PDF) - ItalianoCanon EOS 4000D Dutch User Manual (PDF) - PortuguêsCanon EOS 4000D Dutch User Manual (PDF) - PortuguêsCanon EOS 4000D Dutch User Manual (PDF) - PortuguêsCanon EOS 4000D Dutch User Manual (PDF) - ItalianoCanon EOS 4000D Dutch User Manual (PDF) - PortuguêsCanon EOS 4000D Dutch 
User Manual (PDF) - SuomiCanon EOS 4000D Swedish User Manual (PDF) - VerskaCanon EOS 4000D Greek User Manual (PDF) - VerskaCanon EOS 4000D Greek User Manual (PDF) - VerskaCanon EOS 4000D Folish User Manual (PDF) - VerskaCanon EOS 4000D Greek User Manual (PDF) - Verska
(PDF) - PolskiCanon EOS 4000D Ukrainian User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D Romanian User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D PDF User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D Romanian User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D PDF User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D PDF User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D PDF User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D PDF User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D PDF User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D PDF User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D PDF User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D PDF User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D PDF User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D PDF User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D PDF User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D PDF User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D PDF User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D PDF User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D PDF User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D PDF User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D PDF User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D PDF User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D PDF User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D PDF User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D PDF User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D PDF User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D PDF User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D PDF User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D PDF User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D PDF User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D PDF User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D PDF User Manual (PDF) - Slovenčinalf you need Canon EOS 4000D PDF User Manual
bottom of this page. | | | 0 1996-2014, Amazon.com, Inc. or its affiliates Home > Canon EOS 4000D Technical specifications (specs) Where to Download the Canon EOS 4000D Technical specifications: Type Entry Level DSLR Announced 26/02/2018 Indicative price (USD) 400 Sensor type CMOS Resolution
5202 x 3465 Sensor photo detectors (Mpix) 18.02 Sensor size (mm) 14.9 x 22.3 Color filter array RGB Pixel pitch (µm) Bits per pixel 14.0 Focal length multiplier 1.6 Aspect Ratio 3:2 ISO latitude 100 - 12800 Shutter type Mechanical Fastest - Slowest speed (s) 1/4000 - 30.0 Frame rate (fps) 3.0 Live view Yes Stabilization No Firmware Dust cleaning
Yes Mount type Canon EF-S Weight (gr) 436 Battery type Li-ion, LP-E10, 7.4V, 860mAh Battery weight (gr) Tropicalization No Camera material Plastic View finder coverage 95 Mirror lockup Yes View finder diopter Fixed -1.0 Monitor type LCD Monitor size 2.7 Monitor
pixel 230000 Articulated screen No Touch scree
timer (2 or 10 sec), Continuous shooting after 10-sec. self-timer (2 to 10 shots) Buffer size Recording Yes Connectivity USB/WIF Bluetooth Yes 3G No Sound recording Yes External micro No Histogram Yes GPS No Video Yes Maximum format image
video 1920 x 1080 / 30 fps Full HD Yes Live autofocus Yes Video file format MOV Video codec H.264 Video stabilisation Canon 4000D Portable Document Format (PDF) is a multi-platform/application file format that captures a documents electronic image and formatting elements, including all fonts, text and graphics. It is a reliable and trusted file
format used in the exchange of electronic data. Because PDF provides color-accurate information, it allows a user to share and print data as it appears on the computer screen or monitor. Developed by Adobe Systems, PDF is ensured by the ISO 32000 open standard. File size is a measure of how much data a computer file contains or, alternately, how
much storage it consumes. Typically, file size is expressed in units of measurement based on the byte. By convention, file size units use either a metric prefix (as in megabyte and gigabyte) or a binary prefix (as in mebibyte and gigabyte) or a binary prefix (as in mebibyte and gigabyte).
Guide.com is not responsible for inaccuracies, omissions or any other error in the information. Any warranties regarding this information are disclaimed. Total or partial reproduction of this site is prohibited in any manner without prior written permission. The trademarks, logos and device manufacturers, software, etc. are the property of their
respective owners. Contact us for telephone or E-mail support Register your product and manage your Canon ID account Locate a repair centre and find other useful information regarding our repair process We use cookies to provide you with the best possible experience in your interactions with Canon and on our website - find out more about our
use of Cookies and change your cookie settings here. You agree to our use of cookies on your device by continuing to use our website or by clicking I Accept. Page 1Instruction manuals (PDF files) and software can bedownloaded from the Canon website (p.4, 311).www.canon.com/icpdENGLISHPage 2IntroductionThe EOS 4000D is
a digital single-lens reflex camera featuringa fine-detail CMOS sensor with approx. 18.0 effective megapixels, DIGIC 4+, high-precision and high-speed 9-point AF, approx. 3.0 shots/sec. continuous shooting, Eull High-Definition (Full HD) movie shooting, and Wi-Fi (wirelesscommunication) function. Before Starting to Shoot, Be Sure
to Read the FollowingTo avoid botched pictures and accidents, first read the "SafetyInstructions" (p.20-22) and "Handling Precautions" (p.23-25). Also, readthis manual carefully to ensure that you use the camera while reading this manual, take a
few test shots and see how theycome out. You can then better understand the camera. Be sure to storethis manual safely, too, so that you can refer to it again when necessary. Testing the Camera Before Use and Liability After shooting, play images back and check whether they have been properly recorded. If the camera or memory card is faulty and
theimages cannot be recorded or downloaded to a computer, Canoncannot be held liable for any loss or inconvenience caused. Copyrights music and images with music in the memorycard for anything other than private enjoyment. Also be aware that certain
public performances, exhibitions, etc. may prohibit photographyeven for private enjoyment. 2Page 3Item Check ListBefore starting, check that all the following items are included with yourcamera. If anything is missing, contact your dealer. Camera (with eyecup and body cap) StrapBattery Pack LP-E10 (with protective cover) Battery Charger LC-E10 (E10 Check ListBefore starting).
Battery Charger LC-E10E comes with a power cord. The camera does not come with the Software CD-ROM, an interface cableor HDMI cable. The Instruction Manuals provided are listed on the next page. If you purchased a Lens Kit, check that the lenses are included. Be careful not to lose any of the above items. For items sold separately, see the
System Map (p.274). When you need Lens Instruction Manuals, download them from the Canonwebsite (p.4). The Lens Instruction Manuals (PDF) are for lenses sold individually. Notethat when purchasing the Lens Kit, some of the accessories included withthe lens may not match those listed in the Lens Instruction Manuals. Software can be downloaded
from the Canon website (p.311) for your use. 3Page 4Instruction Manuals (PDF files) can bedownloaded from the Canon website. Download the Instruction Manuals (PDF files). Connect to
the Internet and access the following Canon website.www.canon.com/icpd Select your country or region of residence and download the Instruction Manuals Available for Download the Instruction Manuals Software Instruction Manuals Instruction Manuals
View the Instruction Manuals (PDF files), Adobe Acrobat Reader DC or other Adobe Acrobat Reader DC can be downloaded for free from the Internet. To learn how to use
PDF viewing software, refer to the software scanning formatted by another camera or computer, it is recommended that you format the cardwith this camera (p.52). SD memory cards formatted by another camera or computer, it is recommended that you formatted by another camera or computer, it is recommended that you formatted by another camera or computer, it is recommended that you formatted by another camera or computer, it is recommended that you formatted by another camera or computer, it is recommended that you formatted by another camera or computer, it is recommended that you formatted by another camera or computer, it is recommended that you formatted by another camera or computer, it is recommended that you formatted by another camera or computer, it is recommended that you formatted by another camera or computer, it is recommended that you formatted by another camera or computer, it is recommended that you formatted by another camera or computer, it is recommended that you formatted by another camera or computer, it is recommended that you formatted by another camera or computer, it is recommended that you formatted by another camera or computer, it is recommended that you formatted by another camera or computer, it is recommended that you formatted by another camera or computer, it is recommended that you formatted by another camera or computer, it is recommended that you formatted by another camera or computer, it is recommended that you formatted by another camera or computer, it is recommended that you formatted by another camera or computer, it is recommended that you formatted by another camera or computer, it is recommended that you formatted by another camera or computer, it is recommended that you formatted by another camera or computer, it is recommended that you formatted by another camera or computer, it is recommended that you formatted by another camera or camera o
SDXC memory cardsThe camera can use UHS-I cards, but since it is not compatible with the UHS-I standard, writing/reading speeds will be equivalent to SD Speed Class 10 at most. Cards that Can Record MoviesWhen shooting movies, use a large-capacity SD card rated SDSpeed Class 6 "" or higher. If you use a slow-writing card when shooting
movies, the movie maynot be recorded properly. Also, if you play back a movie on a cardwith a slow reading speed, the movie may not play back properly. To check the card's writing/reading speed, refer to the cardmanufacturer's website. In this manual, "card" refers to SD memory cards, SDHC memory cards, and SDXC memory cards.* The camera
does not come with a card for recording images/movies. Please purchase it separately.5Page 6Quick Start Guide1Insert the battery, see page 34.2Insert the battery, see page 34.2Insert the card (p.36). With the card's label facing towardthe back of the camera, insert it intothe card slot.3White indexRed indexAttach the lens (p.44). Align the lens's white or
red mountindex with the camera's mount indexof the same color to attach the lens. 4Set the lens's focus modeswitch to (p.44).5Set the Mode Dial to (Scene Intelligent Auto) (p.58). All the necessary camera settingswill be set automatically. When the LCD monitor displays the date/time/zone settingscreen, see page 41.6Page 7Quick Start Guide6Focus
on the subject (p.47). Look through the viewfinder and the viewfinder center over the subject. Press the shutter button halfway, and the camera will focus on the subject. Press the shutter button completely to take the picture. 8 Review the picture. The
captured image will bedisplayed for approx. 2 sec. on the LCD monitor, see "Live ViewShooting" (p. 137). To view the images captured so far, see "Image Playback" (p. 82). To delete an image, see "Erasing Images" (p. 228). 7Page 8Conventions Used in this
ManualIcons in this Manual: Indicates the Main Dial.: Indicates the Sect., 4 sec., 6 sec., 10 sec., or 16 sec. afteryou let go of the button.* In addition to the above, the icons and symbols used on the camera's buttonsand
displayed on the LCD monitor are also used in this manual when discussing the button to change its settings.M: This icon at the upper right of the page titles indicates that the function is available only in the Creative Zone modes(p.30).(p.**): Reference page
numbers for more information.: Warning to prevent shooting advice. Basic Assumptions and Sample PhotosAll operation, turn the Mode
Dial to the corresponding mode. It is assumed that all the menu settings and Custom Functions in this manual show the effects more clearly. 8Page
9ChaptersIntroduction123456789101112132Getting Started33Basic Shooting and Image Playback57Creative Shooting83Advanced Shooting
Camera 255 Reference 267 Software Start Guide /Downloading Images to a Computer 3099 Page 10 Contents at a Glance Shoot in going p. 101 (j Self-timer) Freeze the action Blur the action p. 106 (s Shutter-priority AE) Blur
the background p.63 (C Creative Auto) Keep the background in sharp focus p.108 (f Aperture-priority AE) Adjust the image brightness (exposure) p.114 (Exposure compensation) Shoot fireworks at night p.112 (Bulb exposure) Shoot while viewing the LCD monitor p.137 (A
Live View shooting) Shoot movies p.157 (k Movie shooting) Image Quality Shoot with image effectsmatching the subject p.86 (73, 83, 1) Take many pictures 10 p.86 (73, 83, 1) T
AF)Playback View the images on the camera p.82 (x Playback) Search for pictures quickly p.206 (H Index display)p.207 (I Image browsing) Rate images p.228 (L Delete) Auto play back photos and movies p.220 (Slide show) View the
photos or movies on a TV set p.224 (TV set) Adjust the LCD monitor brightness p.183 (LCD monitor brightness) Apply special effect to image p.234 (Creative filters) Printing Print pictures easily p.239 (Direct printing) 11 Page 12 Index to Features PowerImage Quality Image-recording quality p.86Battery Printing Print pictures easily p.239 (Direct printing) 11 Page 12 Index to Features PowerImage Quality Image-recording quality p.86Battery Printing Print pictures easily p.239 (Direct printing) 11 Page 12 Index to Features PowerImage Quality Image-recording quality p.86Battery Printing Print pictures easily p.239 (Direct printing) 11 Page 12 Index to Features PowerImage Quality Image-recording quality p.86Battery Printing Print pictures easily p.239 (Direct printing) 11 Page 12 Index to Features PowerImage Quality Image-recording quality printing Pr
p.34 p.36 p.40Picture Style p.93White balance p.129Color space p.135Auto power off p.39Image enhancement features • Auto Lighting Optimizer p.121 • Lens peripheralillumination correction p.122 • Noise reduction forlong exposures p.260 • Noise reduction forlong exposures p.261 • Highlight tone priority p.261CardsInstalling/Removing
p.36Formatting p.52Release shutterwithout card p.182LensAttaching/Detaching p.44Zoom p.45Basic SettingsLanguage p.43Date/Time/Zone p.41Beeper p.182LCD off/on button p.195LCD brightnessadjustment p.183Recording ImagesCreating/Selectinga folder p.184File numbering p.18612AFAF operation p.95AF point selection p.97Manual focusing
p.99DriveDrive mode p.28Continuous shooting p.101Maximum burst p.88ShootingShooting mode p.112Metering mode p.112Metering mode p.112Metering mode p.113Quick Control p.48Page 13Index to FeaturesExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExposureExpos
p.207Magnified view p.208Image rotate p.208Image rotate p.208Rating p.210Movie playback p.216Editing out movie'sfirst/last scene p.218Slide show p.220 p.224Built-in flash p.268Viewing images on aTV setFlash control p.119External flash p.268Viewing images on aTV setFlash control p.212Live View ShootingLive View Shooting View Shoo
shooting p.137Autofocusing (AF)methods p.146Aspect ratio p.144Grid p.143Quick Control p.142Movie ShootingMovie shooting p.157Sound recording p.157Sound reco
(C.Fn) p.256Quick Control p.165My MenuVideo snapshot p.168PlaybackImage review time p.182Single-image display p.206 Wireless FunctionManual p.312Wireless FunctionManual p.312Wireless FunctionShooting informationdisplay p.230Index display p.206 Wireless Function InstructionManual p.312Wireless Function InstructionManual p.312Wireless Function Instruction Instructio
                                                                                                                                                                                                                 . 4Compatible Cards..
                                                                                                                                                                                                                                                                                                                                . 5Quick Start Guide ..
Check List..
                                                                                                 ... 3Instruction Manuals .
                                                                                                                                                                                                                                                                                                                                                                                                                                            .... 6Conventions Used in this Manual.
8Chapters..
                                                                                                                                                                                                                                                                                                                                    ... 12Safety Instructions.
                                                                                                             9Contents at a Glance.
                                                                                                                                                                                                                       . 10Index to Features
                                                                                                                                                                                                                                                                                                                                                                                                                                                    . 20Handling Precautions
                                                                                                                                                                                                                                                            . 34Installing and Removing the Battery and Card .......
23Nomenclature
                                                            41Selecting the Interface Language.
                                                                                                                                                                           43Attaching and Detaching a Lens..
                                                                                                                                                                                                                                                                                                                                                                                                      46Q Quick Control for Shooting Functions.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    483 Menu
Zone
                                                                                    . 50Formatting the Card
                                                                                                                                                                                                   . 52Switching the LCD Monitor Display
                                                                                                                                                                                                                                                                                                                                                                                                                                . 5514Page 15Contents2Basic Shooting and Image Playback57A Fully Automatic Shooting
Operations.
                                                           58A Full Auto Techniques (Scene Intelligent Auto).....
(Scene Intelligent Auto)
                                                                                                                                                                                                                                                                                .632 Shooting Portraits .
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       . 674 Shooting Close-
                                                                         ...685 Shooting Moving Subjects.
                                                                                                                                                                                    .. 69P Shooting Food
                                                                                                                                                                                                                                                                                                 .. 706 Shooting Night Portraits ..
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         .... 73Shooting with Ambience
                                                                                                                                                                                                                                                                                                                                                                                                           ......71Q Quick Control
                                                                 .75Shooting by Lighting or Scene Type .....
                                                                                                                                                                                .79x Image Playback ....
                                                                                                                                                                                                                                                                                         .823Creative Shooting83d: Program AE..
                                                                                                                                                                                                                                                                                                                                                                                                                                       ...84Setting the Image-Recording Quality
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       . 86i: Changing the
Selection.
ISO Speed to Suit the Light Level
                                                                            90A Selecting Optimal Image Characteristics for the Subject(Picture Style)...
                                                                                                                                                                                                                                                                                       ..93f: Changing the Autofocus Operation (AF operation)
                                                                                                                                                                                                                                                                                                                                                                                                .... 95S Selecting the AF Point
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                97Subjects Difficult to Focus
                                                                                                                                                                        ..99i Continuous Shooting
                                                               .99MF: Manual Focus
                                                                                                                                                                                                                                                                                 .100j Using the Self-timer
                                                                                                                                                                                                                                                                                                                                                                                              101D Using the Built-in Flash
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             10315Page 16Contents4Advanced
Shooting105s: Conveying the Subject's Movement.
                                                                                                                        . 106f: Changing the Depth of Field
                                                                                                                                                                                                                                  108Depth-of-Field Preview
                                                                                                                                                                                                                                                                                                                                             .110a: Manual Exposure
                                                                                                                                                                                                                                                                                                                                                                                                                                                         . 111q Changing the Metering Mode ....
                                                                                                                                                                                                                                                                                                                                                                                                                                 .119Auto Correction of Brightness and Contrast(Auto Lighting
Exposure Compensation
                                                                                         ...114Auto Exposure Bracketing.
                                                                                                                                                                                                         ..116A Locking the Exposure.
                                                                                                                                                                                                                                                                                                                    ...118A Locking the Flash Exposure....
Optimizer)...
                                                                                121Correcting the Image's Dark Corners
                                                                                                                                                                                                                                                                                                         .. 124A Registering Preferred Image Characteristics (Picture Style)... 127B: Matching the Light Source (White balance) ..
                                                                                                                                                                                               . 122A Customizing Image Characteristics (Picture Style)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ...... 129u Adjusting the Color Tone
                                                                                                                                                                           1355Shooting with the LCD Monitor (Live View Shooting) 137A Shooting with the LCD Monitor ....
                                                             133Setting the Color Reproduction Range (Color space).
for the Light Source
                                                                                                                                                                                                                                                                                                                                                                                 .... 138Shooting Function Settings.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ... 142Menu Function
                                                                                                                                                                                                                                                                                                          . 15416Page 17Contents6Shooting Movies157k Shooting Movies
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       .158Autoexposure Shooting
                                                                              . 143Using AF to Focus (AF Method)..
                                                                                                                                                                                       ..... 146MF: Focusing Manually
                                                               .158Manual Exposure Shooting.
                                                                                                                                                                          .160Shooting Function Settings .
                                                                                                                                                                                                                                                                                        .165Setting the Movie Recording Size..
                                                                                                                                                                                                                                                                                                                                                                                                     ..166Shooting Video Snapshots...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   . 168Menu Function Settings
                                                                                                                                                                                                                                                                                                                                                                                                                                       .. 182Setting the Image Review Time ..
                                                               .. 1747Handy Features 181Handy Features ...
                                                                                                                                                                                                              ....182Disabling the Beeper ....
                                                                                                                                                                                                                                                                                                                       .....182Card Reminder
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ....182Setting the Auto
                                                                        ...183Adjusting the LCD Monitor Brightness
                                                                                                                                                                                     .. 183Creating and Selecting a Folder.....
                                                                                                                                                                                                                                                                                              .....184File Numbering Methods ..........
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ...... 188Auto Rotation of Vertical Images
                                                                                                                                                                                                                                                                                                                                                                                                            ... 186Setting Copyright Information.....
                                                .190Checking Camera Settings .
                                                                                                                                                                                                                                                                       192Turning the LCD Monitor Off/On
                                                                                                                                                                                                                                                                                                                                                                                   ..195Changing the Shooting Settings Screen Color...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ...195Setting the Flash
                                                                                                                                                           .191Reverting the Camera to the Default Settings...
                                                                                                                                                                                                                                                                                                      ...20217Page 18Contents8Image Playback205x Searching for Images Quickly ....
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   206u/y Magnified View
                                                                            196Appending Dust Delete Data
                                                                                                                                                                                         ..200Manual Sensor Cleaning..
                                                                                                                                                                                 209Setting Ratings
                                                                                                                                                                                                                                                                                              .. 210Q Quick Control for Playback
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      . 214k Playing Back Movies
                                                                     208b Rotating the Image
                                                                                                                                                                                                                                                                                                                                                                                                           .. 212k Enjoying Movies
                                                                                                                                                                           . 218Slide Show (Auto Playback) .
                                                               216X Editing a Movie's First and Last Scenes.
                                                                                                                                                                                                                                                                                          220Viewing Images on a TV Set
                                                                                                                                                                                                                                                                                                                                                                                                        224K Protecting Images...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   226L Erasing
                                                                                    . 228B Shooting Information Display...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  . 23710Printing Images239Preparing to
                                                                                                                                                                                             .. 2309Post-Processing Images233U Applying Creative Filters..
                                                                                                                                                                                                                                                                                                                                                        . 234S Resizing JPEG Images...
 Images.
                                                                                                                                                                                                                                                                                                                                                                                                                     ..... 249W Direct Printing of Print-Ordered Images ....
                                                                                                                                                                                                                                                                                                         ... 247W Digital Print Order Format (DPOF)
Print.
                                                                                   240w Printing
                                                                                                                                                                                              ... 242Cropping the Image .
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      . 252p Specifying Images for a
                                                           . 25318Page 19Contents11Customizing the Camera255Setting Custom Functions..
                                                                                                                                                                                                                                                           . 256Custom Function Settings.....
                                                                                                                                                                                                                                                                                                                                                                      .... 258C.Fn I: Exposure ..
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     .. 258C.Fn II: Image
Photobook
                                                                            .260C.Fn III: Autofocus/Drive
                                                                                                                                                                                                                                                                                                                                                                                                                     26512Reference267External Speedlites ...
                                                                                                                                                                                         262C.Fn IV: Operation/Others..
                                                                                                                                                                                                                                                                                                     263Registering My Menu.
                                                                                                                                                                                                            .29513Software Start Guide /Downloading Images to a Computer309Software Start Guide
                                                                                                                                                                                                                                                                                                                                                                                                                                   .310Downloading and Viewing the Software Instruction Manuals(PDF
                                                                                                                                                                                                                                                                                                                       ... 31519Page 20Safety InstructionsBe sure to read these instructions in order to operate the product safely. Follow these instructions to prevent injury or harm
to the operator of theproduct or others. WARNING: Denotes the risk of serious injury or death. Keep the product out of the reach of young children. A strap wrapped around a person's neck may result in strangulation. The
battery is dangerous if swallowed. If swallowed, seek immediate medicalassistance. Use only power sources specified in this instruction manual for use with the product. Do not disassemble or modify the product to strong shocks or vibration. Do not touch any exposed internal parts. Stop using the product in any case of
insert foreign objects or liquids into the product. Do not insert foreign objects or liquids into the product. Do not leave a lens or a camera with a lens attached, exposed without the lens capattached. The lens may concentrate the light and
cause fire. Do not look through the viewfinder at strong light sources such as the sun on a brightday or lasers and other strong artificial light sources. This may cause electric shock. Observe the following instructions when using commercially
available batteries or provided battery packs. • Use batteries/battery packs or expose them to fire. • Do not expose the fire. • Do not expose
objects. Do not use leaking batteries/battery packs. When disposing of batteries/battery packs, insulate the terminals with tape orother means. This may cause electric shock, explosion or fire. If a battery/battery pack leaks and the material contacts your skin or clothing, flush theexposed area thoroughly with running water. In case of eye contact,
flush thoroughlywith copious amounts of clean running water and seek immediate medical assistance. 20 Page 21 Safety Instructions When using a battery charger or AC adapter. Periodically remove any dust buildup from the power plug and power outlet using adry cloth. Do not plug in or unplug the product with
the power cord. Do not damage, break or modify the product in cloth or other materials when in use or shortly after usewhen the product by pulling the power cord. Do not leave the product connected to a power source for long periods of time. Do not charge
batteries/battery packs at temperatures outside the range of 6 - 40 °C(43 - 104 °F). This may cause electric shock, explosion or fire. Do not allow the product to maintain contact with the same area of skin for extended periods of time during use. This may result in low-temperature contact burns, including skin redness and blistering, even if the product
does not feel hot. The use of a tripod or similar equipment isrecommended when using the product in hot places and for people with circulation from the product in places where its use is forbidden. Not doing so may cause other equipment to malfunction due to the effect of electromagnetic
waves and even result in accidents. To prevent fire, excessive heat, chemical leakage, explosions, and electrical shock, follow the safeguards below: • Do not insert the battery's plus and minus ends incorrectly. Do not leave any cords near a heat source. It can deform the cord or melt the insulation and cause a fire or electrical shock. Do not fire the
flash at anyone driving a car or other vehicle. It may cause an accident. Do not use or store the equipment in dusty or humid places. Likewise, keep thebattery away from metallic items and store it with its protective cover attached toprevent short-circuit. This is to prevent fire, excessive heat, electrical shock, and burns. To prevent a fire and electrical
shock, follow the safeguards below: Do not connect too many power plugs to the same power outlet. Do not connect the battery directly to an electrical outlet or a car's cigarette lighter outlet. Do not connect the battery may leak, generate excessive heat or explode, causing fire, burns, or injuries. A
thorough explanation of how to use the product by an adult is required when theproduct is used by children. Supervise children while they are using the product. Incorrect usage may result in electrical shock or injury. 21Page 22Safety InstructionsCAUTION: Denotes the risk of injury. Do not fire the flash near the eyes. It may hurt the eyes. Strap is
intended for use on the body only. Hanging the strap with any productattached on a hook or other object may damage the product. Flash emits high temperatures
when fired. Keep fingers, any other part of your body, and objects away from the flash unit while taking pictures. This may cause burns or malfunction of the flash. Do not leave the product in places exposed to extremely high or low temperatures. This may become extremely high or low temperatures. This may become extremely hot/cold and cause burns or injury when touched. Only mount the
product on a tripod that is sufficiently sturdy. Do not carry the product when it is mounted on a tripod. This may induce symptoms similar to motion sickness. In such a case, stop using the product immediately and rest
for a while before resuming use. Do not touch any parts inside the product. This may cause injury. 22 Page 23 Handling Precautions Camera is not waterproof and cannot be used underwater. If you accidentally drop the camera into water, promptly
consult the nearest CanonService Center. Wipe off any water droplets with a dry and clean cloth. If thecamera has been exposed to salty air, wipe it with a well-wrung wet cloth. Never leave the camera near anything having a strong magnetic field suchas a magnet or electric motor. Also, avoid using or leaving the camera nearanything emitting strong
radio waves, such as a large antenna. Strongmagnetic fields can cause camera misoperation or destroy image data. Do not leave the camera contains precision electronic circuitry. Never attempt todisassemble the camera yourself. Do not block the built-in flash or mirror operation with
your finger, etc. Doingso may cause a malfunction. Use only a commercially-available blower to blow away dust when it adheresto the lens, viewfinder, reflex mirror, focusing screen, etc. Do not usecleaners that contain organic solvents to clean the camera body or lens. Forstubborn dirt, take the camera to the nearest Canon Service Center. Do not
touch the camera's electrical contacts with your fingers. This is toprevent the contacts from corroding. Corroded contacts may cause camera in a sealed plastic bag
and let it adjust to the warmer temperature before taking it out of the bag. If condensation forms on the camera, do not use the camera will not be used
for an extended period, remove the batteryand store the camera in a cool, dry, well-ventilated location. Even while thecamera is still working.23Page 24Handling Precautions Avoid storing the camera where there are chemicals that result in rust and corrosion
such as in a chemical lab. If the camera has not been used for an extended period, test all its functions before using it. If you have not used the camerachecked by your nearest Canon Service Center or check the camerayourself and make sure it is working up, have the camera for some time or if there is an important shoot such as a foreign trip coming up, have the camera for some time or if there is an important shoot such as a foreign trip coming up, have the camera for some time or if there is an important shoot such as a foreign trip coming up, have the camera for some time or if there is an important shoot such as a foreign trip coming up, have the camera for some time or if there is an important shoot such as a foreign trip coming up, have the camera for some time or if there is an important shoot such as a foreign trip coming up, have the camera for some time or if the camera for some time or if there is an important shoot such as a foreign trip coming up, have the camera for some time or if the camera 
properly. If you use continuous shooting, Live View shooting, or movie shooting for aprolonged period, the camera may become hot. This is not a malfunction. If there is a bright light source inside or outside the image area, ghostingmay occur.LCD Monitor Although the LCD monitor is manufactured with very high precisiontechnology with over
99.99% effective pixels, there may be a few dead pixelsdisplaying only black or red, etc. among the remaining 0.01% or less pixels. Dead pixels are not a malfunction. They do not affect the images recorded. If the LCD monitor is left on for a prolonged period, screen burn-in may occurwhere you see remnants of what was displayed. However, this is
onlytemporary and will disappear when the camera is left unused for a few days. The LCD monitor display may seem slow in low temperatures. It will return to normal at room temperatures. It will return to normal at room temperatures. It will return to normal at room temperatures.
adheres to the lens mount, wipe it off with a dry andclean cloth. Never use cleaners that contain organicsolvents, such as alcohol wet wipes. Doing so may scratchthe lens mount 24Page 25Handling PrecautionsCardsTo protect the card and its recorded data, note the following: Do not drop,
bend, or wet the card. Do not subject it to excessive force, physical shock, or vibration. Do not touch the card's electronic contacts with your fingers or anything that has a strong magnetic field, such as a TV set, speakers, or magnets. Also avoid places prone
to having static electricity. Do not leave the card in direct sunlight or near a heat source. Store the card in a case, etc. Do not store the card in hot, dusty, or humid locations. Lens After detaching the lens from the camera, put down the lens with the rear end up and attach the rear lens cap to avoid scratching the lens surface and electrical
contacts. Contacts Smudges Adhering to the Front of the Sensor Besides dust entering the camera from outside, in rarecases lubricant from the sensor. If smudges are visible on theimages, having the sensor cleaned by a Canon Service Center is recommended. 25 Page 26 Nomenclature Built-in
flash/AF-assist beam emitter(p.103/98)EF Lens mount index (p.44)Mode Dial (p.30, 39)EF-S Lens mount index (p.45)Mode Dial (p.30, 39)EF-S Lens mount index (p.44)Mode Dial (p.3
27NomenclatureHDMI mini OUT terminal (p.224)Digital terminal (p.240, 313) Display button(p.54, 82, 140, 162, 191) Live View shooting/Movie sh
247)Aperture/Exposurecompensationbutton/Erase button(p.111/114/228)TerminalcoverAccess/Wi-Fi lamp(p.38)LCD monitor(p.50, 183) Quick Control button(p.48)Tripod socketSerial number Menu button (p.82) Setting button
(p.50): Cross keys (p.50)ISO speed setting button (p.90) White balance selection button (p.129) Drive/Self-timer selection button (p.105)Shooting
modeShutter speedApertureExposure level indicatorExposurecompensation (p.114)AEB range (p.116)Highlight tone priority(p.261)ISO speed (p.90)y Flash exposurecompensation (p.115)0 External flashexposure compensationPicture Style (p.93)AF operation (p.95)X:One-Shot AF9:AI Focus AFZ:AI Servo AFMF:Manual FocusAuto
LightingOptimizer (p.121)Image-recording quality(p.86)73 Large/Fine83 Large/Fine83 Large/Fine84 Medium/Fine84 Medium/Normal7a Small 1/Fine8a Small 1/Normalb Small 2 (Fine)c Small 3 (Fine)1+73RAW+Large/Fine84 Medium/Normal7a Small 1/Fine8a Small 1/Normalb Small 2 (Fine)c Small 3 (Fine)1+73RAW+Large/Fine8a Small 1/Fine8a 
priorityWDaylightE ShadeR CloudyY Tungsten lightUWhite fluorescent lightIFlashO CustomDrive/self-timer: 2 sec.q Self-timer: 2 sec.q Self-timer: Continuous Shootingi Self-timer: 2 sec.q Self-timer: 3 sec.q Self-timer: 2 sec.q Self-timer: 3 sec.q Self-timer: 4 sec.q Self-timer: 5 sec.q Self-timer: 4 sec.q S
balance bracketing (p.134)Metering mode (p.113)q Evaluative meteringw Partial meteringe Center-weighted average meteringEye-Fi transmission status (p.269)The display will show only the settings currently applied.28Page 29NomenclatureViewfinder InformationAF point activation indicator Focusing screenAF pointISO speedWhite
balancecorrection AE lock/AEB in-progress Focus indicatorMaximum burst Use of flashrecommended(blinking)Flash-ready(illuminated)FE lock out of rangewarning (blinking) High-speed sync(FP flash) FE lock/FEB in-progress Flash exposurecompensationShutter speedFE lock (FEL)Busy (buSY)Built-in flash recycling (D buSY)
MonochromeshootingISO speed Highlight tone priorityExposure level indicatorExposure compensation amountAEB rangeApertureCard full warning (Full)Card error warning (Full)Ca
Creative Zone modes, and the Movie shooting mode. Creative Zone These modes give you more control forshooting various subjects as desired.d: Program AE (p.108)a: Manual exposure (p.111)d: Power off (p.39)Basic ZoneAll you do is press the shutterbutton. The camera sets everything to suit
the subject or scene forshooting.A: Scene Intelligent Auto (p.58)C: Creative Auto (p.63)Image Zone2345P630: Portrait (p.66): Landscape (p.67): Close-up (p.68): Sports (p.69): Food (p.70): Night Portrait (p.66): Landscape (p.67): Close-up (p.68): Sports (p.69): Food (p.70): Night Portrait (p.66): Landscape (p.67): Close-up (p.68): Sports (p.69): Food (p.70): Night Portrait (p.66): Landscape (p.67): Close-up (p.68): Sports (p.69): Food (p.70): Night Portrait (p.66): Landscape (p.67): Close-up (p.68): Sports (p.69): Food (p.70): Night Portrait (p.66): Landscape (p.67): Close-up (p.68): Sports (p.68): Landscape (p.68): Close-up (p.68): Sports (p.68): Landscape (p.68): Close-up (p.68): Landscape (p.68): Landsc
cordFull-charge lampCharge lampPower cord socket31Page 3232Page 331Getting StartedThis chapter explains preparatory steps before you startshooting and basic camera operations. Attaching the StrapPass the end of the strap throughthe camera's strap mount eyeletfrom the bottom. Then pass itthrough the strap's buckle as shownin the
illustration. Pull the strap totake up any slack and make surethe strap will not loosen from thebuckle. The eyepiece cover is attached tothe strap (p.102). Eyepiece cover provided with the battery. Attach As shown in the illustration, attach thebattery thebattery thebattery.
securely to the charger. To detach the battery, follow theabove procedure in reverse. the battery is fully recharged, the full-charge lamp will light up ingreen. It takes approx. 2 hours to
fully recharge a completely exhausted battery at room temperature (23°C / 73°F). The timerequired to recharge the battery's remaining capacity. For safety reasons, recharging in low temperatures (6°C - 10°C /43°F - 50°F) will take longer (up to approx. 4 hours).34Page
35Charging the BatteryTips for Using the Battery and Charger Upon purchase, the battery is not fully charged. Even during storage, a charged battery will gradually drain and loseits capacity. After recharging the battery, detach it and disconnect
thecharger from the power outlet. When not using the camera, remove the battery is left in the camera for a prolonged period, a smallamount of power current is released, resulting in excess dischargeand shorter battery with the protective cover(provided) attached. Storing the battery when it is fully charged
maylower the battery's performance. The battery charger can also be used in foreign countries. The battery charger is compatible with a 100 V AC to 240 V AC 50/60 Hz power source. If necessary, attach a commercially-available plug adapter for the respective country or region. Do not attach anyportable voltage transformer to the battery charger.
Doing so candamage the battery becomes exhausted quickly even after being fullycharged, the battery has reached the end of its service life. Purchase a new battery becomes exhausted quickly even after being fullycharged, the battery has reached the end of its service life. Purchase a new battery becomes exhausted quickly even after being fullycharged, the battery has reached the end of its service life. Purchase a new battery becomes exhausted quickly even after being fullycharged, the battery bat
LP-E10 is dedicated to Canon products only. Using it withan incompatible battery charger or product may result in malfunction oraccidents for which Canon cannot be held liable.35Page 36Installing and Removing the Battery and CardLoad a fully charged Battery Pack LP-E10 into the camera. You can usean SD, SDHC, or SDXC memory card (sold
separately) with thecamera. The captured images are recorded onto the card. Make sure the card's write-protect switch is set upward toenable writing and erasing. Installing the Battery and Card1Open the cover. Slide the lever as shown by thearrows and open the cover. the battery. Insert the end with the electrical contacts. Insert the battery
until it locks inplace. Write-protect switchthe card. Insert As shown by the illustration, facethe card's label side toward theback of the camera and insert ituntil it clicks in place. The cover until it snaps shut. When you turn on the power, then until it snaps shut. When you turn on the power, then until it clicks in place. The cover until it snaps shut. When you turn on the power, then until it snaps shut. When you turn on the power, then until it snaps shut. When you turn on the power, then until it snaps shut. When you turn on the power until it snaps shut.
37Installing and Removing the Battery and CardAfter opening the card slot/battery compartment cover, be careful not toforcefully swing it back further. Otherwise, the hinge may break. The number of possible shots depends on the remaining capacity of thecard, image-recording quality, ISO speed, etc. Setting [z1: Release shutter without card] to
[Disable] will preventyou from shooting without a card inserted (p.182). Removing the Battery and Card1 Turn off the power (p.39). the cover. If [Recording...] is displayed, closethe cover. the battery. To
prevent short circuiting of theelectrical contacts, be sure to attachthe provided protective cover (p.34) to the battery the card. Remove Gently push in the card then let it goto eject. Pull the card when the access lamp is lit or
 blinking, it indicates that images are being written to, read from, or erased from the card, or data is beingtransferred. Do not open the card slot/battery compartment cover. Also, never do any of the following while the access lamp is lit orblinking. Otherwise, it can damage the image data, card, or camera. Removing the card. Removing the battery.
Shaking or banging the camera around. If the card already contains recorded images, the image number may notstart from 0001 (p.186). If a card-related error message is displayed on the LCD monitor, removeand reinsert the card. If the error message is displayed on the LCD monitor, removeand reinsert the card to a computer, transfer all the
images and then format the card with the card with the card (p.52). The cardmay then return to normal. Do not touch the card's contacts with your fingers or metal objects. Donot expose the contacts to dust or water. If a smudge adheres to thecontacts, contact failure may result. Multimedia cards (MMC) cannot be used (card error will be displayed).38Page
39Turning on the PowerIf you turn on the power and the date/time/zone setting screenappears, see page 41 to set the date/time/zone. Turning off the powerSet the Mode Dial to .3 Auto Power Off To save battery power, the camera turns off automatically afterapprox. 30 seconds of non-
operation. To turn on the camera again, just press the shutter button halfway (p.47). You can change the auto power off time with [51: Auto power off](p.183). If you turn off the power will turn off after therecording finishes. 39 Page 40 Turning on the Powerz
Battery Level IndicatorWhen the power is turned on, the battery level is low, but thecamera can still be used.c: Battery level is low, but thecamera can still be exhausted soon.(Blinks)n: Recharge the battery.Number of Possible Shots with Viewfinder ShootingTemperatureRoom Temperature(23°C).
 / 73°F)Low Temperatures(0°C / 32°F)No FlashApprox. 600 shotsApprox. 580 shots50% Flash UseApprox. 500 shotsApprox. 410 shots The figures above are based on a fully-charged Battery Pack LP-E10, no LiveView shooting, and CIPA (Camera & Imaging Products Association) testingstandards. Doing any of the following will exhaust the battery
faster: Pressing the shutter button halfway for a prolonged period. Activating the AF frequently without taking a picture. Using the UCD monitor frequently without taking a picture button. The number of possible shots may decrease depending on the actualshooting conditions. The lens operation is powered by the
camera's battery. Some lensesmay exhaust the battery faster than others. For the number of possible shots with Live View shooting, see page 139.40Page 413 Setting the Date, Time, and ZoneWhen you turn on the power for the first time or if the date/time/zone have been reset, the date/time/zone setting screen will appear. Followthe steps below to
set the time zone first. Set the camera to the timezone in which you currently live so that, when you travel, you can simplychange the setting to the correct time zone for your destination, and thecamera will automatically adjust the date/time appended to recorded images will be basedon this date/time setting. Be sure to set the
correct date/time.1Display the menu screen. Press the button to displaythe menu screen.the [52] tab. Press the keys to select[Date/Time/Zone]. Press the keys to select[Date/Time/Zone] tab. Press the keys to select[Date/Time/Zone]. Press the keys to select[Date/Time/Zone] tab. Press the keys to select [Date/Ime/Zone] tab. Press t
to select the time zone, then press .(Returns to .) The menu setting procedure is explained on pages 50-51. In step 3, the time displayed on the upper right of the screen is the time zone while referring to the difference with UTC.41Page 423
Setting the Date, Time, and Zonethe date and time. Set Press the keys to select [Y]. Press so is displayed. Press the keys to select [Z], then press. When the daylight saving time is setto
[Z], the time set in step 4 willadvance by 1 hour. If [Y] is set, thedaylight saving time will be canceledand the time will be set and the menuwill reappear. The date/time/zone settings may be reset in the following cases. If
this happens, set the date/time/zone again. When the camera is stored without the battery. When the camera is exposed to below freezing temperatures for aprolonged period. The date/time that was set will start from when you press in step 6. After changing the time zone, check that the correct date
and time are set.42Page 433 Selecting the Interface LanguageK]. Press the heurist to select the languageK] then press the keys to select the languageK] then press the heurist to select the languageK]. Press the keys to select the languageK] then press the heurist to select the languageK] then press the heurist to select the languageK]. Press the heurist to select the languageK] then press the heurist to select the languageK] then press the heurist to select the languageK].
interface language will change 44Attaching and Detaching a LensThe camera is compatible with all Canon EF and EF-S lenses. Thecamera cannot be used with EF-M lenses. Attaching a LensThe camera is compatible with all Canon EF and EF-S lenses. Thecamera cannot be used with EF-M lenses. Attaching a LensThe camera is compatible with all Canon EF and EF-S lenses. Thecamera cannot be used with EF-M lenses. Attaching a LensThe camera is compatible with all Canon EF and EF-S lenses. Thecamera cannot be used with EF-M lenses. Attaching a LensThe camera is compatible with all Canon EF and EF-S lenses. Thecamera cannot be used with EF-M lenses. Attaching a LensThe camera is compatible with all Canon EF and EF-S lenses. Thecamera cannot be used with EF-M lenses. Attaching a LensThe camera is compatible with all Canon EF and EF-S lenses. The camera is compatible with all Canon EF and EF-S lenses. The camera cannot be used with EF-M lenses. Attaching a LensThe camera is compatible with all Canon EF and EF-S lenses. The camera is compatible with all Canon EF and EF-S lenses. The camera cannot be used with EF-M lenses. The camera is compatible with all Canon EF and EF-S lenses. The camera is compatible with all Canon EF and EF-S lenses. The camera is compatible with all Canon EF and EF-S lenses. The camera is compatible with all Canon EF and EF-S lenses. The camera is compatible with all Canon EF and EF-S lenses. The camera is compatible with all Canon EF and EF-S lenses. The camera is compatible with all Canon EF and EF-S lenses. The camera is compatible with all Canon EF and EF-S lenses. The camera is compatible with all Canon EF and EF-S lenses. The camera is compatible with all Canon EF and EF-S lenses. The camera is compatible with all Canon EF and EF-S lenses. The camera is compatible with all Canon EF and EF-S lenses. The camera is compatible with all Canon EF and EF-S lenses. The camera is compatible with all Canon EF and EF-S lenses. The camera is cannot be all the canon EF-S lenses. The camera is cannot be all the ca
 indexWhite indexwith the camera's index matching thesame color. Turn the lens as shownby the arrow until it clicks in place. Red indexthe lens's focus mode switch3 Setto . stands for autofocus. If it is set to (manual focus), autofocus will not operate. 4 Remove the front lens cap. Tips for Avoiding Smudges and Dust When changing lenses, do it quickly
in a place with minimal dust. When storing the camera without a lens attached, be sure to attaching at LensZoomingTurn the zoom ring on the lenswith your fingers. If you want to zoom, do it before focusing. Turning the zoom ring
 afterachieving focus may throw off thefocus. Detaching the LensWhile pressing the lens releasebutton, turn the lens as shown bythe arrow. Turn the lens until it stops, then detach it. Attach the rear lens cap to thedetached lens. Do not look at the sun directly through any lens. Doing so may causeloss of vision. When attaching or detaching a lens, turn the lens as shown bythe arrow.
off the camera power. If the front part (focusing ring) of the lens rotates during autofocusing, donot touch the rotating part. If you use a TS-E lens, certain shift and rotation functions may be restricted, and attaching or detaching the lens may also be restricted. If you use a TS-E lens and shift or tilt the lens or use an Extension Tube, the standard
exposure may not be obtained or the exposure may beirregular. Angle of ViewSince the image sensor size issmaller than the 35mm filmformat, the angle of view of anattached lens will beequivalent to that of a lens withapprox. 1.6x of the focal lengthindicated. Image area (Approx.)(22.3 x 14.9 mm / 0.88 x 0.59 in.)35mm film format(36 x 24 mm / 1.42 x
0.94 in.)45Page 46Basic OperationHolding the CameraTo obtain sharp images, hold the camera still to minimize camera shake. Horizontal shootingVertical shootingVertical shooting the CameraTo obtain sharp images, hold the camera grip firmly. Hold the lens bottom with your left hand. Rest your hand's right index finger lightly on the shutter button. Press your arms
and elbows lightly against the front of your body.5. To maintain a stable stance, place one foot slightly ahead of the other.6. Press the camera against your face and look through the viewfinder image does not look sharp, using E-series DioptricAdjustment Lenses (sold separately) is recommended (p.274). To shoot while looking at the
LCD monitor, see page 137.46Page 47Basic OperationShutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps. You can press the shutter button has two steps
(shutter speed and aperture) is displayed in the viewfinder(0). While you press the shutter buttonhalfway, the LCD monitor will turn off(p.195). Pressing Completely This releases the shutter and takes the picture.
To prevent camera shake, note the following: • Hold and steady the camera as shown on the preceding page. • Press the shutter button completely without pressing it halfwayfirst, or if you press the shutter button halfway and then press it completely
immediately, the camera will take a moment before it takesthe picture. Even during menu display, image playback, or image recording, you caninstantly go back to shooting functions displayed on the LCD monitor.
This is called Quick Control.1Press the button. The guick Control screen will appear (7). the desired function and pressing. Basic Zone
modesCreative Zone modesthe picture. 3 Take Press the shutter button completely totake the picture image will be displayed. For the functions settable in Basic Zone modes and their settingprocedures, see page 73.48 Page 49Q Quick Control for Shooting Functions Sample Quick Control Screen Shutter speed (p.106) Shooting mode*
(p.30)Aperture (p.108)Highlight tone priority* (p.261)ISO speed (p.90)Flash exposure compensation (p.113)* These functions
cannot be set with Quick Control. Function Setting Screen Select the desired function and press. The function's setting screenwill appear. Press to finalize the setting andreturn to the Quick Control screen. 49Page 503 Menu
OperationsYou can set various settings with the menus such as the imagerecording quality, date and time, etc. buttonLCD monitor cross keys buttonMenu ScreenThe menu tabs and items displayed will differ depending on theshooting mode. Basic Zone modesMovie shooting modeCreative Zone modes3PlaybackzShooting5Set-up9My MenuTabMenu
settingsMenu items50Page 513 Menu OperationsMenu Setting Procedure1Display the menu screen. Press the button to displaythe menu screen displayed when the third z (Shooting) tab from the left [L] is selected.the
desired item. 3 Select Press the cross keys to select the item, then press .the setting. 4 Select Press the or cross keys to select the desired setting. 5 Set Press to set it. the setting. 6 Exit Press the button to
return to the shooting function settings display. In step 2, you can also turn the dial to select a menu tab. The explanation of menu functions hereafter assumes that you have pressed the button. For details about each menu item, see page 276.51Page 523 Formatting the CardIf the
card is new or was previously formatted by another camera or computer, format the card with this camera. When the card is formatted, all images and data on the card will be erased. Even protected images will be erased, so make sure to transfer the indispensabledata to a computer, etc. before formatting
the card.1Select [Format card]. Under the [51] tab, select [Formattard], then press .the button to add a checkmark [X]to [Low level formatting is completed, the menu will reappear. For low-level formatting the
CardFormat the card in the following cases: The card is new. The card is new. The card is full with images or data. A card-related error is displayed (p. 294). Low-level formatting if the card is full with images or data. A card-related error is displayed (p. 294). Low-level formatting if the card is full with images or data. A card-related error is displayed (p. 294). Low-level formatting if the card is full with images or data. A card-related error is displayed (p. 294). Low-level formatting if the card is full with images or data. A card-related error is displayed (p. 294). Low-level formatting if the card is full with images or data. A card-related error is displayed (p. 294). Low-level formatting if the card is full with images or data. A card-related error is displayed (p. 294). Low-level formatting if the card is full with images or data. A card-related error is displayed (p. 294). Low-level formatting if the card is full with images or data. A card-related error is displayed (p. 294). Low-level formatting if the card is full with images or data. A card-related error is displayed (p. 294). Low-level formatting if the card is full with images or data. A card-related error is displayed (p. 294). Low-level formatting if the card is full with images or data. A card-related error is displayed (p. 294). Low-level formatting if the card is full with images or data.
managementinformation is changed. The actual data is not completely erased. Be aware of this when selling or discarding the card, execute low-level formatting or destroy the card physically to prevent the card physically the card physically the card physically to prevent the card physically the card physic
indicated on the card. This device incorporates exFAT technology licensed from Microsoft.53Page 54Switching the LCD Monitor DisplayThe LCD monitor can display the shooting settings will be displayed. When you press the
shutter buttonhalfway, the display will turn off. And when you let go of the shutterbutton, the display will turn on. You can also turn off the button. Press the button again to return to theshooting settings screen. Captured Image
Appears when you press the button. Press the button. Press the button will enable you to shoot immediately. Look straight at
the LCD monitor. Depending on the angle, the displaymay be difficult to see or the brightness may look different. 54Page 55Feature Guide The Feature Guide appears when you change the shooting, movie shooting, or QuickControl for playback, and it displays a brief description of that mode, function
or option. It displays the description when you select a functionor option with the Quick Control (Sample) Shooting settingsLive View shooting Playback3 Disabling the Feature GuideSelect [Feature guide]. Under the [52] tab, select
[Featureguide], then press . Select [Disable], then press . Select [Disable], then press . 5Page 5656Page 572Basic Shooting and Image PlaybackThis chapter explains how to use the Basic Zone modes and Image PlaybackThis chapter explains how to use the Basic Zone modes and Image PlaybackThis chapter explains how to use the Basic Zone modes and Image PlaybackThis chapter explains how to use the Basic Zone modes and Image PlaybackThis chapter explains how to use the Basic Zone modes and Image PlaybackThis chapter explains how to use the Basic Zone modes and Image PlaybackThis chapter explains how to use the Basic Zone modes and Image PlaybackThis chapter explains how to play backimages.
toprevent botched pictures due to mistaken operations, advanced shooting function settings cannot be changed. Basic Zone modes, the Auto Lighting Optimizer (p.121) willadjust the image automatically to obtain the optimum brightness and contrast. It is also enabled by default in Creative Zone modes, the Auto Lighting Optimizer (p.121) willadjust the image automatically to obtain the optimum brightness and contrast. It is also enabled by default in Creative Zone modes, the Auto Lighting Optimizer (p.121) willadjust the image automatically to obtain the optimum brightness and contrast.
Fully Automatic Shooting (Scene Intelligent Auto) is a fully automatic mode. The camera analyzes the sceneand sets the optimum settings automatically. It also adjusts focus to any AF point over the 2 Aimsubject. All the AF points will be used to
focus, and the camera will normally focus on the closest object. Aiming the center AF point over the subject as Focus Press the shutter button halfway. Thelens focusing easier on the subject. Aiming the center AF point achieving focus on the subject. The dot inside the AF point achieving focus on the subject. Aiming the center AF point over the subject will make focusing easier on the subject. Aiming the center AF point over the subject will make focus on the subject. Aiming the center AF point over the subject will be a subject will be a subject. Aiming the center AF point over the subject will be a subject will be a subject. Aiming the center AF point over the subject will be a subject will be a subject. Aiming the center AF point over the subject will be a subject will be a subject. Aiming the center AF point over the subject will be a subject will be a subject. Aiming the center AF point over the subject will be a subject will be a subject will be a subject. Aiming the center AF point over the subject will be a subject will be a subject. Aiming the center AF point over the subject will be a subject will be a subject will be a subject. Aiming the center AF point over the subject will be a subject
indicator in theviewfinder will light up. If the icon blinks in theviewfinder, raise the built-in flash withyour fingers. Focus indicator 58 Page 59 A Fully Automatic Shooting (Scene Intelligent Auto) the picture. The captured image will be displayed for approx. 2 sec. on the LCD monitor. To
retract the built-in flash, push itdown with your fingers. The mode makes the colors look more impressive in nature, outdoor, and sunset scenes. If you did not obtain the desired color tones, change themode to a Creative Zone mode and select a Picture Style other than, then shoot again (p.93). FAQ The focus indicator blinks and focus is not
achieved. Aim the AF point over an area with good contrast, then press theshutter button halfway (p.47). If you are too close to the subject, move away and try again. In low-light conditions, when you raise the built-in flash, the AFassist beam (p.98) will be emitted to make focusing easier. Multiple AF points flash simultaneously. This indicates that focus
is achieved at all those AF points. When theAF point covering the desired subject also flashes, take the picture. The beeper continuously on a moving subject. (The focus indicator does not light up.) You can take sharp pictures of a moving
subject. Note that the focus lock (p.61) will not work in this case. Pressing the shutter button halfway does not focus on thesubject. If the focus mode switch on the lens is set to (manual focus), set it to (autofocus). 59Page 60A Fully Automatic Shooting (Scene Intelligent Auto) The picture came out extremely dark. If you raise the built-in flash beforehand
the flash will fireautomatically in backlit conditions in daylight or in low-lightconditions. When shooting in low light with the built-in flash raised, it fired a series of flashes to assist autofocusing. This is called the AFassist beam. Its effective range is approx. 4
meters / 13.1 feet. The flash fired and the picture came out extremely bright (overexposure). When shooting flashphotography, if the subject is too close to the camera, the picture came out extremely bright (overexposure).
the lens barrel was captured in the picture becausethe subject was too close to the fash picture. When not using the built-in flash, refer to the following notes to take thepictures. Prevent camera shake if the numeric display (shutter
speed) in the viewfinder blinks. Under low light when camera shake is prone to occur, the viewfinder's shutter speed display will blink. Hold the camera steady or use a tripod. When using a zoom lens, use a wide angle to reduce blur caused by camera shake even with handheld shooting. When shooting portraits In low-light conditions, tell the subject to
keep still until the picture istaken. Any movement by the subject during shooting may result in the subject during shooting may result in the picture 60Page 61A Full Auto Techniques (Scene Intelligent Auto)Recomposing the ShotDepending on the scene, position the subject toward the left or right tocreate a balanced background and good perspective. In the mode
pressing the shutter button halfway, and then press the shutter button completely to take the picture. This is called "focus lock". Focus lock is also possible in other Basic Zone modes (except). Shooting a Moving SubjectIn
the mode, if the subject moves (distance to camera changes) while or after you focus, AI Servo AF will take effect to focus on the subject while pressing the shutter button halfway, the focusing will be continuous. When you want to take the
picture, press the shutter button completely.61Page 62A Full Auto Techniques (Scene Intelligent Auto) Live View shooting. For details, see page 137.1Display the Live View image on the LCD monitor. Press the button. The Live View image will appear
onthe LCD monitor on the subject. 2 Focus Aim the center AF point on thesubject. Press the shutter button completely. The picture is taken and the
capturedimage is displayed on the LCDmonitor. When the playback display ends, thecamera will return to Live Viewshooting automatically. Press the button to exit the Live View shooting. 62Page 63C Creative Auto Shooting. The mode, you can easily change the depth of field, drive/selftimer, and flash firing. You can also select and shoot with the
ambienceyou want to convey in your images. The default settings are the sameas the mode.* CA stands for Creative Auto.1Set the Mode Dial to .the button (7).2 Press The Quick Control screen will appear. For
the setting procedure and detailson each function, see pages 64-65.the picture.4 Take Press the shutter button completely totake the picture.63Page 64C Creative Auto Shooting(1)Shutter speedApertureISO speed(2)(3)Battery level(4)Possible shotsImage-recording qualityPressing the button enables you to set the following:(1) Ambience-based
shotsYou can select and shoot with the ambience you want to convey inyour images. Press the keys or turn the dial toselect the ambience. You can also select it from a list by pressing. For details, see page 75.(2) Blurring/sharpening the background from a list by pressing. For details, see page 75.(2) Blurring/sharpening the background from a list by pressing.
toward the right, the background willlook more in focus. If you want to blur the background, see "ShootingPortraits" on page 66. Press the keys or turn the dial to select the desired degree of blur. Depending on the lens and shooting will be setting will
```

notbe applied if has been selected and the flash is fired.64Page 65C Creative Auto Shooting: Shoot one image at a time. Continuous shooting: While you hold down the shutter buttoncompletely, shots will be takencontinuously. You can shoot up toapprox. 3 shots per second. Self-timer: 10 sec.: The picture is taken 10 seconds afteryou press the shutter button. Self-timer of multiple shots will betaken. When using the self-timer, see thenotes on page 101 for shooting.

```
(4) Built-in flash firing: Press and set it with the keysor dial. If the icon blinks in the viewfinder, raise the built-in flash fires at all times. Built-in flash off: The flash fires automatically whennecessary. Built-in flash, see thenotes on page 60 for shooting.65Page 662
Shooting PortraitsThe (Portrait) mode blurs the background to make the humansubject stand out. It also makes skin tones and hair look softer. Shooting Tips Select the location where the distance between the subject and background will
look. The subject will also standout better against an uncluttered dark background. Use a telephoto end to fill the frame withthe subject from the waist up. For close-ups of the face, focus on the eyes. If you
hold down the shutter button, you can shoot continuously (max.approx. 3 shots/sec.) to capture changes in the subject's facial expression and pose. If you raise the built-in flash beforehand, it will fire automatically asnecessary.66Page 673 Shooting Landscapes use the (Landscape) mode for wide scenery or to have everything in focus from near to far.
For vivid blues and greens, andvery sharp and crisp images. Shooting Tips With a zoom lens, use the wide-angle end. When using the wide-angle end of a zoom lens, objects near and farwill be in focus better than at the telephoto end. It also adds breadthto landscapes. When shooting night scenes. Since the built-in flash will be disabled, this mode is also
good for night scenes. Use a tripod to prevent camera shake. If you want to shoot a person against anight scene, set the Mode Dial to (Night Portrait) and use a tripod (p.71). The built-in flash will fire. 67Page 684 Shooting Close-upsWhen you want to shoot a person against anight scene.
to shoot flowers or small things up close, use the (Close-up) mode. To make small things appear much larger, use a simple background makes small objects such as flowers stand outbetter. Move in as close as possible to the subject. Check the lens for its minimum focusing distance.
Some lenseshave indications such as on them. The lensminimum focusing distance is measured from the (focalplane) mark on the subject, the focus indicator will blink. If you use flash and the bottom part of the picture comes outunnaturally dark, move away from the subject and try again
With a zoom lens, use the telephoto end. If you have a zoom lens, using the telephoto end will make thesubject look larger. If you raise the built-in flash beforehand, it will fire automatically as necessary. 68Page 695 Shooting Moving Tips
Use a telephoto lens. The use of a telephoto lens is recommended for shooting from adistance. Use the center AF point to focus autofocus. During autofocus beeping softly. If focus cannot be achieved, the focus indicator will blink. When you
want to take the picture, press the shutter button approx. 3 shots/sec.) while maintaining autofocusing to capture changes in the subject's movement. The built-in flash will not fire even if it is raised when taking a picture. Under low light when camera shake tends to
occur, the viewfinder's shutter speed display on the bottom left will blink. Hold the camerasteady and shoot. If you are using an external Speedlite, the Speedlite will fire. 69Page 70P Shooting FoodWhen shooting food, use (Food). The photo will look bright andappetizing. Also, depending on the light source, the reddish tinge will be suppressed in the
pictures taken under tungsten lights, etc. Shooting Tips Change the color tone. You can change [Color tone]. To increase the food's reddish tinge, set it toward [Warm]. Set it 
Tryto prevent camera shake when shooting in low-light conditions. Since this mode lets you shoot the food in appetizing color tones, humansubjects may be shot in an unsuitable skin tone. The warm colorcast of the picture may not be lessened. If you
use flash, the [Color tone] setting will switch to the standardsetting. 70Page 716 Shooting Night Portraits mode. Using a tripod isrecommended. Shooting Tips Use a wide-angle lens and a tripod. When using a zoom lens, use the wide-angle end to
obtain a widenight view. Also, use a tripod to prevent camera shake. Check the subject's brightness. If the subject looks dark, move nearer
and shoot again. Also shoot with the (Scene Intelligent Auto) mode. Since camera shake is prone to occur with night shooting, it may be difficult to focus on dots of light such asin a night scene. In such a case, it is recommended that you set the
AFmethod to [Quick mode] and shoot. If it is still difficult to focus, set the lens'sfocus mode switch to and focus manually. Tell the subject to keep still even after the flash fires. 72Page 73Q Quick Controlscreen and can set the
functions shown in the table on the next page. Example: Portrait mode Dial to a Basic Zone1 Setmode. The settings of the selected function. (This step is not necessaryin the A mode.) The settings of the selected function and Feature guide (p.55) will
appear. Press the keys or turn the dial to change some of thesettings. You can also select from a list byselecting a function and pressing.73Page 74Q Quick ControlSettable Functions in Basic Zone Modeso: Default setting k: User selectableFunctions in Basic Zone Modeso: Default setting k: User selectableFunctions in Basic Zone Modeso: Default setting k: User selectableFunctions in Basic Zone Modeso: Default setting k: User selectableFunctions in Basic Zone Modeso: Default setting k: User selectableFunctions in Basic Zone Modeso: Default setting k: User selectableFunctions in Basic Zone Modeso: Default setting k: User selectableFunctions in Basic Zone Modeso: Default setting k: User selectableFunctions in Basic Zone Modeso: Default setting k: User selectableFunctions in Basic Zone Modeso: Default setting k: User selectableFunctions in Basic Zone Modeso: Default setting k: User selectableFunctions in Basic Zone Modeso: Default setting k: User selectableFunctions in Basic Zone Modeso: Default setting k: User selectableFunctions in Basic Zone Modeso: Default setting k: User selectableFunctions in Basic Zone Modeso: Default setting k: User selectableFunctions in Basic Zone Modeso: Default setting k: User selectableFunctions in Basic Zone Modeso: Default setting k: User selectableFunctions in Basic Zone Modeso: Default setting k: User selectableFunctions in Basic Zone Modeso: Default setting k: User selectableFunctions in Basic Zone Modeso: Default setting k: User selectableFunctions in Basic Zone Modeso: Default setting k: User selectableFunctions in Basic Zone Modeso: Default setting k: User selectableFunctions in Basic Zone Modeso: Default setting k: User selectableFunctions in Basic Zone Modeso: Default setting k: User selectableFunctions in Basic Zone Modeso: Default setting k: User selectableFunctions in Basic Zone Modeso: Default setting k: User selectableFunctions in Basic Zone Modeso: Default setting k: User selectableFunctions in Basic Zone Modeso: Default setting k: User selectableFunctions in Basic Zone Mo
selectable5P6ookoj: 10 sec.kkkkkkkq: Continuousshooting*1kkkkkkka: Automatic firingoooD: Flash on (Fires atall times)kb: Flash offkAmbience-based shots (p.70)k*1: Use the keys to set the number of continuous shots.*2: The built-in
flash will not fire when it is retracted. If you change the shooting mode or turn off the power, all the functions willrevert to the default settings (except the self-timer). 74Page 75Shooting with Ambience Selection Except in the Basic Zone mode, you can select the ambience forshooting. Ambience A C 2 3 4 5 P 6kkAmbience Effect(1) Standard
settingkkkkk(2) Vividkkkkkk Low / Standard / Strong(3) Softkkkkk Low / Standard / Strong(5) Intensekkkkk Low / Medium / High(8) Darkerkkkkkk Low / Medium / High(9) Monochromekkkkkk Blue / B/W / Sepia1Set the Mode Dial to any of
thefollowing modes: , , , , or .No settingk Low / Standard / Strongthe Live View image. Quick Control, select the 3 Withdesired ambience. Press the button to display the Live View image. Quick Control, select the 3 Withdesired ambience. Press the button (7). Press the button to display the Live View image. Quick Control, select the 3 Withdesired ambience. Press the button to display the Live View image. Quick Control, select the 3 Withdesired ambience. Press the button to display the Live View image. Quick Control, select the 3 Withdesired ambience. Press the button to display the Live View image. Quick Control, select the 3 Withdesired ambience. Press the button to display the Live View image. Quick Control, select the 3 Withdesired ambience are select the 3 Withdesired ambience. Press the button to display the Live View image. Quick Control, select the 3 Withdesired ambience are select the 3
ambience. The LCD monitor will display how theimage will look with the selectedambience. 75Page 76Shooting with Ambience Selection the desired effect. 4 Set Press the keys or turn the dial to select the desired effect. 4 Set Press the shutter button completely
totake the picture. To return to viewfinder shooting, press the button to exit LiveView shooting. Then press the shutterbutton completely to take the picture. If you change the shooting mode orturn off the power, the setting will revert back to [Standard setting]. The Live View image shown with the ambience setting applied will notlook exactly the same
as the actual photo. Using flash may reduce the ambience as with the actualcaptured image. Set [52: LCD brightness] to 4, and look at the LiveView image, preventing the surrounding light from affecting the
imageviewing. If you do not want the Live View image to be displayed when settingfunctions, press the button after step 1 and set [Ambience SelectionAmbience Settings(1) Standard image characteristics for the respective shooting mode. Note that has image characteristics for the respective shooting mode. Note that has image characteristics for the respective shooting with Ambience Settings(1) Standard image characteristics for the respective shooting mode. Note that has image characteristics for the respective shooting mode. Note that has image characteristics for the respective shooting mode. Note that has image characteristics for the respective shooting mode. Note that has image characteristics for the respective shooting mode. Note that has image characteristics for the respective shooting mode. Note that has image characteristics for the respective shooting mode. Note that has image characteristics for the respective shooting mode. Note that has image characteristics for the respective shooting mode. Note that has image characteristics for the respective shooting mode. Note that has image characteristics for the respective shooting mode. Note that has image characteristics for the respective shooting mode. Note that has image characteristics for the respective shooting mode. Note that has image characteristics for the respective shooting mode. Note that has a supplication of the respective shooting mode. Note that has a supplication of the respective shooting mode. Note that has a supplication of the respective shooting mode. Note that has a supplication of the respective shooting mode. Note that has a supplication of the respective shooting mode. Note that has a supplication of the respective shooting mode. Note that has a supplication of the respective shooting mode. Note that has a supplication of the respective shooting mode. Note that has a supplication of the respective shooting mode. Note that has a supplication of the respective shooting mode. Note that has a supplication of the respective shooting 
geared for portraits and is geared for landscapes. Each ambience is a modification of the respective shooting mode's image characteristics. (2) VividThe subject will look softer and more dainty. Good for portraits, pets, flowers, etc. (4)
WarmThe subject will look softer with warmer colors. Good for portraits, pets, and other subjects to which you want to give a warm look.(5) IntenseWhile the overall brightness is slightly lowered, the subject stand out more.(6) CoolThe overall brightness is slightly lowered with
a cooler color cast. Asubject in the shade will look more calm and impressive.77Page 78Shooting with Ambience Selection(7) BrighterThe picture will be monochrome. You can select the monochromecolor to be blue, black and white, or sepia. When [Monochrome]
isselected, will appear in the viewfinder. 78Page 79Shooting by Lighting or Scene TypeIn the , , , and Basic Zone modes, you can shootwith the settings match the lighting condition orscene, the picture will look more accurate to your eyes. For Live View
shooting, if you set both [Light/scene-based shots] and [Ambience-based shots] (p.75), you should first set [Light/scene-based shots] to see the resulting effect on the LCD monitor. Lightkkk (3) Shadekkkk (4) Cloudykkkk (5) Tungsten lightkkk (6) Fluorescent lightkkk (7) Tungsten lightkkk (7) Tungsten lightkkk (8) Tungsten lightkkk (8) Fluorescent lightkkk (8) Tungsten lightkkk (9) Tungsten lightkk (9) Tungsten lightkkk (9) Tungsten ligh
Sunsetkkk1k6Set the Mode Dial to any of thefollowing modes: , ,, or .the Live View image. 2 Display Press the button to display theLive View image. 2 Display Press the button to display theLive View image. 3 Press the button (7). Press the button (7). Press the button (7). Press the button (7). Press the button to display theLive View image. 3 Display Press the button (8).
thescreen. Press the keys or turn the dial to select the lighting or scene type. The resulting image with the selectedlighting or scene type will bedisplayed. The picture. To return to viewfinder shooting, press the button to exit LiveView shooting. Then press the shutter button completely to
take the picture. If you change the shooting mode orturn off the power, the setting will revert back to [Default setting]. (However, theshooting information will display the lighting or scene type that is set.) If you want to set this function together with [Ambience-based shots], set the lighting or scene type that is set.)
scene type that best matches the ambience you haveset. In the case of [Sunset], particularly, warm colors will become prominent so the ambience you set may not be effective. If you do not want the Live View image to be displayed when settingfunctions, press the button after step 1 and set [Light/scene-basedshots]. 80 Page 81 Shooting by Lighting or
Scene TypeLighting or Scene Type Settings(1) Default settingDefault settingDefault settingDefault setting suited for most subjects under sunlight. Gives more natural-looking blue skiesand greenery and reproduces light-colored flowers better. (3) ShadeFor subjects in the shade. Suitable for skin tones, which may looktoo bluish, and for light-colored flowers better.
flowers.(4) CloudyFor subjects under overcast skies. Makes skin tones andlandscapes, which may otherwise look dull on a cloudy day, lookwarmer. Also effective for light-colored flowers.(5) Tungsten lightFor subjects under
fluorescent lighting. Suited for all types offluorescent lighting. (7) SunsetSuitable when you want to capture the sunset's impressive colors.81Page 82x Image Playback procedure, see page 205.1Play back the image. Press the button. The last image captured or
playedback will appear.an image. 2 Select To view images starting with the lastcaptured image, press the key. To view images starting with the first(oldest) image, press the key. To view images starting with the first(oldest) image, press the key. To view images starting with the first(oldest) image, press the key. To view images starting with the first(oldest) image, press the key. To view images starting with the first(oldest) image, press the key. To view images starting with the first(oldest) image, press the key. To view images starting with the first(oldest) image, press the key. To view images starting with the first(oldest) image, press the key. To view images starting with the first(oldest) image, press the key. To view images starting with the first(oldest) image, press the key. To view images starting with the first(oldest) image, press the key. To view images starting with the first(oldest) image, press the key. To view images starting with the first(oldest) image, press the key. To view images starting with the first(oldest) image, press the key. To view images starting with the first(oldest) image, press the key. To view images starting with the first(oldest) image, press the key. To view images starting with the first (oldest) image, press the key. To view images starting with the first (oldest) image, press the key. To view images starting with the first (oldest) image, press the key. To view images starting with the first (oldest) image, press the key. To view images starting with the first (oldest) image, press the key. To view images starting with the first (oldest) image, press the key. To view images starting with the first (oldest) image, press the key. To view images starting with the first (oldest) image, press the key. To view images starting with the first (oldest) image, press the key. To view image starting with the first (oldest) image starting with the first (oldest)
information displayExit the image playback. 3 Press the button to exit theimage playback and return to theshooting functions are set automatically and cannot be changed. In the (Program AE) mode, you can set various functions and
be more creative. In the mode, the camera sets the shutter speed and aperture automatically to obtain the standard exposure. The difference between the Basic Zone modes and isexplained in Chapter 272-273. The functions explained in this chapter can also be used in the standard exposure.
title indicates thatthe function is available only in Creative Zone modes(p.30).83Page 84d: Program AE.* stands for Program AE.* stands for Auto Exposure.1Set the Mode Dial to .on the subject.2 Focus Look through the viewfinder
and aimthe selected AF point over the subject. Then press the shutter buttonhalfway. The dot inside the AF point achieving focus lights up (inOne-Shot AF mode). The shutter speed and aperture willbe set automatically and displayed inthe viewfinder the display. 3 Check The
standard exposure will be obtained as long as the shutter speedand aperture display do not blink. the picture. 4 Take Compose the shot and press the shutter button completely. 84Page 85d: Program AEShooting Tips Change the ISO speed. Use the built-in flash. To match the subject and ambient lighting level, you can change the ISO speed (p.90) or use
the built-in flash (p.103). When indoors or inlow-light conditions, raise the built-in flash. Change the shutter button halfway, turn the dial tochange the shutter speed and aperture setting combination (program shift is canceled automatically when themetering timer (0) ends (exposure setting combination).
display turns off). Program shift is not possible with flash. If the "30"" shutter speed and the lowest f/numberblink, it indicates overexposure. Decrease the ISOspeed or use flash. If the "4000" shutter speed and the highest f/numberblink, it indicates overexposure. Increase the ISOspeed or use flash. If the "4000" shutter speed and the highest f/numberblink, it indicates overexposure.
the AF operation and meteringmode, are set automatically to prevent spoiled shots. The functions you canset are limited. With mode, only the shutter speed and aperture are setautomatically to prevent spoiled shots. The functions you can select the pixel count
and the image quality. Ten image-recording quality settings are provided: 73, 83, 74, 84, 7a,8a, b, c, 1+73, 1.1 Select the image-recording quality. Under the [z1] tab, select [Imagequality], then press . [Image quality, referring to
the respective quality's pixel count and number of possibleshots displayed on the screen, thenpress .86Page 873 Setting the Image-Recording Quality Settings (Approx.) Image Quality Settings (Approx.) Image Quality Settings (Approx.) Image Recording (Approx.) Image Reco
Size(MB)PossibleShotsMaximumBurst6.41110Full3.22190Full1.42100Full1.74100Full1.74100Full1.74100Full1.74100Full2.3270Full1.16210Full2.3270Full1.16210Full2.3270Full1.16210Full2.3270Full1.16210Full2.3270Full1.16210Full2.3270Full1.16210Full2.3270Full1.16210Full3.42100Full1.74100Full2.3270Full1.16210Full2.3270Full1.16210Full3.42100Full2.3270Full1.16210Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Full3.42100Ful
an 8 GB card. These figures will vary by thesubject, card brand, aspect ratio, ISO speed, Picture Style, CustomFunctions, and other settings. "Full" indicates that shooting is possible until the card becomes full with thelisted conditions.87Page 883 Setting the Image-Recording QualityFAQ I want to select the image-recording quality matching the
papersize for printing. Refer to the diagram on the left when Paper sizechoosing the image-recording quality. If A2 (59.4x42 cm/23.4x16.5 in.) you want to crop the image, selecting a 73 higher quality (more pixels) such as 73,83A3 (42x29.7 cm/83, 1+73, or 1 is recommended. 16.5x11.7 in.) 1+731b is suitable for playing back the image 74847 awith a
commercially-available digitalb8aphoto frame. c is suitable for emailingthe image or using it on a website. A4 (29.7x21 cm/11.7x8.3 in.)12.7x8.9 cm/5.0x3.5 in. What's the different levels of image quality causedby different compression rates. The 7 setting produces a higherimage quality with the
same number of pixels. Although 8 produces slightly lower image quality, this allows more images to be savedon the card. Both b and c have 7 (Fine) quality. I was able to take more shots than is indicated. On the contrary, it may
also be fewer thanindicated. The number of possible shots displayed on the viewfinder's right side. Sinceit is only a single-digit indicator 0 - 9, any number higher than 8 willbe displayed on the viewfinder's right side. Sinceit is only a single-digit indicator 0 - 9, any number higher than 8 willbe displayed on the viewfinder's right side. Sinceit is only a single-digit indicator 0 - 9, any number higher than 8 willbe displayed on the viewfinder's right side. Sinceit is only a single-digit indicator 0 - 9, any number higher than 8 willbe displayed on the viewfinder's right side.
no card is installed in the camera. Be careful not to shootwithout a card in the camera. When should I use 1?1 images must be processed on a computer. For details, see "1" and "1+73" on the next page 893 Setting the Images cannot be viewed on a
computer without the use ofsoftware, such as Digital Photo Professional (EOS software, p.310). However, you can perform various adjust the image yourself or shoot an important possible with other image and a 73 image
with a single shot. The two images are saved to the card simultaneously. The two images can be viewed orprinted even with a computer which does not have the EOS softwareinstalled.1 image0001. CR273 image0001. JPGFile
numberFile extensionRAW Image Processing Software To display RAW images on a computer, using Digital Photo Professional (DPP, EOS software) is recommended (p.310). Previous version of DPP Ver.4.x is installed on yourcomputer, obtain and install the latest
version of DPP from the Canonwebsite to update it (p.311). (The previous version will be overwritten.) Note that DPP Ver.3.x or earlier cannot process RAW images taken with this camera. For compatibility information, contact thesoftware
manufacturer.89Page 90i: Changing the ISO Speed to Suit the Light LevelNSet the ISO speed (image sensor's sensitivity to light) to suit theambient light level. In Basic Zone modes, the ISO speed is setautomatically (p.92).1Press the button. [ISO speed will appear the ISO speed will appear the ISO speed will appear the ISO speed is setautomatically (p.92).1Press the button.
then press. With [AUTO] selected, the ISO speedShooting Situation(No flash)ISO Speed GuideISO Sp
High ISO speeds will result in grainier images. Under [53: Custom Functions (C.Fn)], if [6: Highlight tone priority] isset to [1: Enable], ISO 100 and "H" (equivalent to ISO 12800) cannot be selected (p.261). Shooting in
high temperatures may result in images that look grainier. Long exposures can also cause irregular colors in the image. When you shoot at high ISO speeds, noise (such as dots of light andbanding) may become noticeable. 90 Page 91: Changing the ISO Speed to Suit the Light LevelN If you use a high ISO speed and flash to shoot a close
subject, overexposure may result. As "H" (equivalent to ISO 12800) is an expanded ISO speed setting, noise (such as dots of light and banding) and irregular colors will be morenoticeable, and the resolution will be lower than usual. ISO speed setting will be morenoticeable, and the resolution will be lower than usual. ISO speed setting will be morenoticeable, and the resolution will be lower than usual. ISO speed setting will be morenoticeable, and the resolution will be lower than usual. ISO speed setting will be morenoticeable, and the resolution will be lower than usual. ISO speed setting will be morenoticeable, and the resolution will be lower than usual. ISO speed setting will be morenoticeable, and the resolution will be morenoticeable, and the resolution will be lower than usual. ISO speed setting will be morenoticeable, and the resolution will be morenoticeable, an
shutterbutton halfway. As indicated on the nextpage, the ISO speed will be setautomatically to suit the shooting mode.91Page 92i: Changing the ISO Speed to Suit the Light LevelNShooting ModeISO Speed within ISO 100 - ISO 3200d/s/f/aAutomatically set within ISO 100 - ISO 6400*1With flashISO
800*2*3*4*5With bulb exposuresISO 800*5*1: Depends on the maximum ISO speed limit set.*2: If fill-in flash will cause overexposure, ISO speed may be reduced, down to apossible minimum of ISO 100.*3: If bounce flash is used with an external Speedlite in a Basic Zone (except) mode or , ISO 800 - ISO 1600 (or up to the maximum limit) will beset
automatically.*4: Fixed at ISO 400 in mode. If bounce flash is used with an externalSpeedlite in mode, ISO 400. When [AUTO] is set, the ISO speed is indicated in whole-stop increments. However, the ISO speed is actually set in finer increments. Therefore, in
theimage's shooting information (p.230), you may find an ISO speed such asISO 125 or ISO 6400. Under the [z3] tab, select [ISO Auto], then press . Select the ISO speed, then press . Select the ISO speed limit within ISO 400 ISO 6400. Under the [z3] tab, select [ISO Auto], then press . Select the ISO speed, then press . Select the ISO speed such asISO 125 or ISO 6400. Under the [z3] tab, select [ISO Auto], then press . Select the ISO speed such asISO 125 or ISO 6400. Under the [z3] tab, select [ISO Auto], then press . Select the ISO speed such asISO 125 or ISO 6400. Under the [z3] tab, select [ISO Auto], then press . Select the ISO speed such asISO 125 or ISO 6400. Under the [z3] tab, select [ISO Auto], then press . Select the ISO speed such asISO 125 or ISO 6400. Under the [z3] tab, select [ISO Auto], then press . Select the ISO speed such asISO 125 or ISO 6400. Under the [z3] tab, select [ISO Auto], then press . Select the ISO speed such asISO 125 or ISO 6400. Under the [z3] tab, select [ISO Auto], then press . Select the ISO speed such asISO 125 or ISO 6400. Under the [z3] tab, select [ISO Auto], then press . Select the ISO speed such asISO 125 or ISO 6400. Under the [z3] tab, select [ISO Auto], then press . Select the ISO speed such asISO 125 or ISO 6400. Under the [z3] tab, select [ISO Auto], then press . Select the ISO speed such asISO 125 or ISO 6400. Under the [z3] tab, select [ISO Auto], then press . Select the ISO speed such asISO 125 or ISO 6400. Under the [z3] tab, select [ISO Auto], then press . Select the ISO speed such asISO 125 or ISO 6400. Under the [z3] tab, select [ISO Auto], then press . Select the ISO speed such asISO 125 or ISO 6400. Under the [z3] tab, select [ISO Auto], then press . Select the ISO speed such asISO 125 or ISO 6400. Under the [z3] tab, select [ISO Auto], then press . Select the ISO speed such asISO 125 or ISO 6400. Under the [z3] tab, select [ISO Auto], then press . Select the [z3] tab, select [ISO Auto], then press . Select [ISO Auto], then press . Select [ISO Auto], then 
Selecting Optimal Image Characteristicsfor the Subject. In Basic Zone modes, you can obtain image characteristicsmatching your photographic expression or the subject. In Basic Zone modes, you cannot select the Picture Style. Under the [z2] tab, select [Picture Style], then press. The Picture Style selection screen
willappear.a Picture Style. 2 Select Press the keys to select a Picture Style, then press. The Picture Style will be set and themenu will reappear. Picture Style Characteristics AutoThe color tone will be adjusted automatically to suit the scene. The Picture Style automatically to suit the scene. The Picture Style will be set and themenu will reappear. Picture Style automatically to suit the scene. The Picture Style automatically to suit the scene.
scenes. If the desired color tone is not obtained with [Auto], use another Picture Style. P Standard for close-upportraits. By changing the [Color tone] (p.125), you can adjust the skin
tone.93Page 94A Selecting Optimal Image Characteristics for the SubjectNR Landscapes. NeutralThis Picture Style is for users who prefer to process images withtheir computer. For natural colors and subdued images withmodest brightness and color
saturation.U FaithfulThis Picture Style is for users who prefer to process images withtheir computer. The color of a subject that is captured in sunlight ata color temperature of 5200K will be adjusted to match thesubject's colorimetrical color. For subdued images with modestbrightness and color saturation.V MonochromeCreates black-and-white
images.Black-and-white images shot in formats other than 1 cannot bereverted to color. Be careful not to leave the [Monochrome] settingon when you want to shoot photos in color again. When[Monochrome] settingon when you want to shoot photos in color again. When[Monochrome] is selected, will appear in the viewfinder.W User Def. 1-3You can register a base style such as [Portrait], [Landscape], aPicture Style file, etc.
and adjust it as desired (p.127). Any UserDefined Picture Style that has not been set will have the samedefault settings as the [Autofocus] operation characteristics suiting theshooting conditions or subject. In Basic Zone modes, the optimum AFoperation is set
automatically for the respective shooting mode. 1Set the lens's focus mode switchto .the button. 2 Press [AF operation, then press .on the subject. 4 Focus Aim the AF point over the subject and press the shutter button halfway. The camera will then
autofocus in theselected AF operation. One-Shot AF for Still Subjects Suited for still subjects. When you press the shutter buttonhalfway, the camera will focus only once. When focus is achieved, the dot inside the AF point achieving focuslights up briefly in red, and the focus indicator appears in theviewfinder. With evaluative metering (p.113), the
exposure setting will be set at the same time focus is achieved. While you hold down the shutter button halfway, the focus cannot be taken even
down the shutter buttonhalfway, the camera will keep focusing on the subjectcontinuously. The exposure is set at the moment the picture is taken. When the AF point selection (p.97) is automatic, the camera firstuses the center AF point to focus. During autofocusing, if the subjectmoves away from the camera firstuses the center AF point to focus.
as the subject is covered by another AF point. With AI Servo AF, the beeper will not sound even when focus is achieved. Also, the focus indicator in the viewfinder will not light up. AI Focus AF to AI Servo AF, the beeper will not sound even when focus is achieved. Also, the focus indicator in the viewfinder will not light up. AI Focus AF to AI Servo AF, the beeper will not sound even when focus is achieved. Also, the focus indicator in the viewfinder will not light up. AI Focus AF to AI Servo AF automatically if a still subject starts
moving. After the subject is focused in One-Shot AF, if the subject startsmoving, the camera will detect the movement, change the AFoperation automatically to AI Servo AF, and start tracking the movingsubject. When focus indicator
in theviewfinder will not light up. Note that focus will not be locked in this case.96Page 97S Selecting the AF PointNIn Basic Zone modes, the camera will normally focus on the closestsubject automatically. Therefore, it may not always focus on your targetsubject automatically. Therefore, it may not always focus on the closestsubject automatically.
that AF point.1Press the button (9). The selected AF point will bedisplayed on the LCD monitor and inthe viewfinder, you can select the AF point by turningthe dial until the desired AFpoint lights up in red. When all the AF points light up, automatic AF
point selection will beset. The AF point will be selected automatic AF point selection between the center AF point selection between the subject. Pressing toggles the AF point selection between the subject. Pressing toggles the AF point selection between the subject. Social selection between the subject and press the shutter buttonhalfway to focus on the subject. Pressing toggles the AF point selection between the selection between the subject.
Tips When shooting a portrait up close, use One-Shot AF and focuson the eyes. If you set the composition after focusing on the eyes of the person tobe photographed, the vivid facial expression will stand out more inthe picture. If it is difficult to focus, select and use the center AF point. The center AF point is the most sensitive among the nine AF
points. To make it easier to focus on a moving subject, set the camerato automatic AF point selection and AI Servo AF (p.96). The center AF point, focus tracking continues as long as the subject is covered byanother AF point. AF-Assist
Beam with the Built-in FlashUnder low-light conditions, when you press the shutter button halfwaywith the built-in flash is retracted, it will not emit the AF-assist beam. The AF-assist beam will not be emitted when AF operation is AI
ServoAF, when in or mode, or when [Built-in flash firing: b] isset in or mode. The effective range of the AF-assist beam will be emitted as necessary. Note that in Creative Zone modes, the AF-assist beam will be emitted according to
the setting of [7: AF-assist beamfiring] under [53: Custom Functions(C.Fn)] (p.262). If you use an Extender (sold separately) and the maximum aperturebecomes higher than f/5.6, AF shooting will not be possible (except in [FlexiZone - Single] and [u Live mode] during Live View shooting). Fordetails, refer to the Extender's instruction manual.98Page
99Subjects Difficult to Focus onAutofocus can fail to achieve focus (viewfinder's focus indicator blinks) with certain subjects such as the following: Subjects in very low contrast(Example: Blue skies, solid-color flat surfaces, etc.) Near
and distant subjects framed close to an AF point(Example: Animals in cages, etc.) Repetitive patterns (Example: Night scenes, etc.) Repetitive patterns (Example: Animals in cages, etc.) Repetitive patterns (Exa
same distance as thesubject and lock the focus, then recompose the shot (p.61).(2) Set the lens's focus mode switch to and focus manually. Depending on the subject, focus may be achieved by slightlyrecomposing the shot and performing AF operation again. For subjects difficult to focus on during Live View shooting with [FlexiZone - Single] and [understand the subject of the subje
Live mode], see page 150.MF: Manual Focus mode switch1 Setto .on the subject looks sharp inthe viewfinder. If you press the shutter button halfway and focus manually, the AF pointachieving focus will light up briefly in red, the beeper will sound, and
thefocus indicator in the viewfinder will light up.99Page 100i Continuous ShootingNYou can shoot up to approx. 3 shots per second. This is effective forphotographing a child running toward you or capturing different facialexpressions.1 Press the button.. 2 Select Press the keys or turn the dial to select continuous shooting , then press .the picture.3
Take The camera shoots continuouslywhile you hold down the shutterbutton completely. Shooting TipsAlso set the AF operation (p.95) matching the subjectWhen AI Servo AF is set, the camera will focus only once
during continuous shooting. Under [53: Custom Functions (C.Fn)], if [5: High ISO speed may be slower. The continuous shooting speed may be come slower if the remaining battery level is low or if you
shoot under low-light conditions. In AI Servo AF operation, the continuous shooting speed may becomes lightly slower depending on the subject and the lens used.100Page 101j Using the Self-timer. 2 Select Press the button. The subject and the lens used.100Page 101j Using the Self-timer. 2 Select Press the button. The subject and the lens used.100Page 101j Using the Self-timer. 2 Select Press the button. The subject and the lens used.100Page 101j Using the Self-timer. 2 Select Press the button. The subject and the lens used.100Page 101j Using the Self-timer. 3 Select Press the button. The subject and the lens used.100Page 101j Using the Self-timer. 3 Select Press the button. The subject and the lens used.100Page 101j Using the Self-timer. 3 Select Press the button. The subject and the lens used.100Page 101j Using the Self-timer. 3 Select Press the button. The subject and the lens used.100Page 101j Using the Self-timer. 3 Select Press the button. 4 Self-timer. 3 Select Press the button. 4 Self-timer. 4 Self-time
sec.Nq: Take the set number of shotscontinuously in approx. 10 sec.Press the keysto set the number ofmultiple shots (2 to 10) tobe taken with the self-timer. The beeper sounds, and you can check the self-timer operation withthe countdown
display (in seconds) on the LCD monitor. 2 sec. before the picture is taken, the beeper will sound faster. With , the interval between the multiple shots may be prolongeddepending on the shooting functions settings such as the imagerecording quality or flash. If you do not look through the viewfinder when you press the shutterbutton, attach the
eyepiece cover (p.102). If stray light enters theviewfinder when the picture is taken, it may throw off the exposure. If [z1: Beep] is set to [Disable], the beeper will not sound. After taking self-timer to shoot yourself, use focus lock (p.61) on
anobject at the same distance as where you will stand. To cancel the self-timer or bulb and do not look through theviewfinder, stray light entering the viewfinder can cause the picture tolook dark (underexposure). To prevent this
use the eyepiece cover(p.33) attached to the camera strap. During Live View shooting, attaching theeyepiece cover is unnecessary. 1Detach the eyepiece cover down into the eyepiece groove to attach it. After you finish shooting, detach
theeyepiece cover and attach theeyepiece groove. 102Page 103D Using the Built-in FlashIn indoor, low light or backlit conditions in daylight, just raise the built-inflash and press the shutter button to take flash pictures. In the mode, the shutter speed (1/60 sec. - 1/200 sec.) will be setautomatically to prevent camera
shake.1Raise the built-in flash with yourfingers. In Creative Zone modes, when youraise the flash, you can take flashpictures anytime. While the flash is recycling, "DbuSY" is displayed in the viewfinder, check that the icon is lit.the
picture.3 Take When focus is achieved and youpress the shutter button completely, the flash will fire at all times. When you finish shooting, push downthe built-in flash with your fingers. Shooting Tips In bright light, decrease the ISO speed. If the exposure setting in the viewfinder blinks, decrease the ISO speed. Detach the lens hood. Do not get too
close to the subject. If the lens has a hood attached or you are too close to the subject, the bottom of the picture may look dark due to the obstructed flash. For important shots, play back the image and check to make surethe picture does not look unnaturally dark at the bottom part. 103Page 104D Using the Built-in Flash Effective Range of Built-in
FlashISO Speed(Approx. in meters / feet)EF-S18-55mm f/3.5-5.6 IS II(p.90)Wide Anglef/3.5Telephotof/5.6ISO 1001 - 2.6 / 3.3 - 15.1ISO 16001.3 - 10.5 / 4.3 - 34.41 - 6.6 / 3.3 - 21.7ISO 64002.6 - 21.0 / 8.5 - 68.91.6 - 13.1 / 5.2 - 43.0* For fill-ir
flash, the ISO speed may be set lower than ISO 800. When a high ISO speed is set and focusing distance is long, appropriateexposure may not be obtained depending on the subject conditions, etc. Do not raise the built-in flash is held downwith your finger or not fully raised for some other reason. Do not raise the built-in
flash during shooting (during exposure).104Page 1054Advanced ShootingThis chapter builds on Chapter 3 and introduces moreways to shoot creatively. The first half of this chapter are a can also be used inthe , , and modes. To see which functions can be used
in each shooting mode, see page 272. The M icon at the upper right of the page title indicates that you can turn (the Main Dial) to adjust
therespective setting.105Page 106s: Conveying the Subject's MovementYou can either freeze the action or create motion(Slow shutter speed: 1/30 sec.)1Frozen motion(Fast shutter speed: 1/2000 sec.)Set the Mode Dial.* stands for Time value.Blurred motion(Slow shutter speed: 1/30 sec.)1Frozen motion(Fast shutter speed: 1/2000 sec.)Set the Mode Dial.* stands for Time value.Blurred motion(Slow shutter speed: 1/2000 sec.)1Frozen motion(Fast shutter speed: 1/2000 sec.)Set the Mode Dial.* stands for Time value.Blurred motion(Slow shutter speed: 1/2000 sec.)1Frozen motion(Fast shutter speed: 1/2000 sec.)Set the Mode Dial.* stands for Time value.Blurred motion(Slow shutter speed: 1/2000 sec.)Set the Mode Dial.* stands for Time value.Blurred motion(Slow shutter speed: 1/2000 sec.)Set the Mode Dial.* stands for Time value.Blurred motion(Slow shutter speed: 1/2000 sec.)Set the Mode Dial.* stands for Time value.Blurred motion(Slow shutter speed: 1/2000 sec.)Set the Mode Dial.* stands for Time value.Blurred motion(Slow shutter speed: 1/2000 sec.)Set the Mode Dial.* stands for Time value.Blurred motion(Slow shutter speed: 1/2000 sec.)Set the Mode Dial.* stands for Time value.Blurred motion(Slow shutter speed: 1/2000 sec.)Set the Mode Dial.* stands for Time value.Blurred motion(Slow shutter speed: 1/2000 sec.)Set the Mode Dial.* stands for Time value.Blurred motion(Slow shutter speed: 1/2000 sec.)Set the Mode Dial.* stands for Time value.Blurred motion(Slow shutter speed: 1/2000 sec.)Set the Mode Dial.* stands for Time value.Blurred motion(Slow shutter speed: 1/2000 sec.)Set the Mode Dial.* stands for Time value.Blurred motion(Slow shutter speed: 1/2000 sec.)Set the Mode Dial.* stands for Time value.Blurred motion(Slow shutter speed: 1/2000 sec.)Set the Mode Dial.* stands for Time value.Blurred motion(Slow shutter speed: 1/2000 sec.)Set the Mode Dial.* stands for Time value.Blurred motion(Slow shutter speed: 1/2000 sec.)Set the Mode Dial.* stands for Time value.Blurred motion(Slow shutter speed: 1/2000 sec.)Set the Mode Dial.* s
See "Shooting Tips" for advice onsetting the shutter speed. Turning the dial to the rightsets a faster shutter speed, andturning it to the left sets a slower one. The picture onsetting the shutter speed Display The LCD monitor displays the shutter speed.
speed as a fraction. However, theviewfinder displays only the denominator. "0"5" indicates 0.5 sec. and "15""is 15 sec.106Page 107s: Conveying the SubjectUse a fast shutter speed such as 1/4000 sec. to 1/500 sec. according to the speed of the moving subject. To blur a running
child or animal and convey an impression of should be received a medium shutter speed such as 1/250 sec. to 1/30 sec. follow the moving subject through the viewfinder and press the shutter speed of 1/30 sec. or
slower. Use a tripod toprevent hand-held camera shake. Set the shutter speed so that the aperture display does not blink. If you press the shutter speed while the aperture display will also change to maintain thesame exposure (amount of light reaching the imagesensor). If you exceed the shutter speed while the aperture display does not blink. If you press the shutter speed while the aperture display does not blink. If you press the shutter speed while the aperture display does not blink. If you press the shutter speed while the aperture display does not blink. If you press the shutter speed while the aperture display does not blink. If you press the shutter speed while the aperture display does not blink. If you press the shutter speed while the aperture display does not blink. If you press the shutter speed while the aperture display does not blink. If you press the shutter speed while the aperture display does not blink. If you press the shutter speed while the aperture display does not blink. If you press the shutter speed while the aperture display does not blink. If you press the shutter speed while the aperture display does not blink. If you press the shutter speed while the aperture display does not blink. If you press the shutter speed while the aperture display does not blink. If you press the shutter speed while the aperture display does not blink. If you press the shutter speed while the aperture display does not blink. If you press the shutter speed while the aperture display does not blink. If you press the shutter speed while the aperture display does not blink. If you press the shutter speed while the aperture display does not blink. If you press the shutter speed while the aperture display does not blink. If you press the shutter speed while the aperture display does not blink. If you press the shutter speed while the aperture display does not blink. If you press the shutter speed while the aperture display does not blink. If you press the shutter speed while the aperture display does not blink.
adjustable aperturerange, the aperture display will blink to indicate thatthe standard exposure will be too dark, the maximum aperture (lowest f/number) will blink. If this happens, turn the dial to the left toset a slower shutter speed or increase the ISO speed. If the exposure will be too dark, the minimum aperture
(highest f/number) will blink. If this happens, turn the dial to the right toset a faster shutter speed or decrease the ISO speed.D Using the Built-in FlashTo obtain the correct flash exposure on the main subject, the flashoutput will be set automatically (autoflash) to match the automatica
belimited within 1/200 sec. to 30 sec. 107Page 108f: Changing the Depth of FieldTo blur the background or to make everything near and far look sharp, set the Mode Dial to (Aperture-priority AE) to adjust the depth offield (range of acceptable focus).* stands for Aperture value, which is the size of the diaphragm hole inside the lens. Blurred
background(With a low aperture f/number: f/3.6)Sharp foreground and background(With a high aperture f/number: f/3.2)1 Set the Mode Dial to .the desired aperture. 2 Set The higher the f/number: f/3.6)Sharp foreground and background(With a high aperture f/number) f/3.6)Sharp foreground f/number f/n
(smalleraperture opening), and turning it tothe left will be takenwith the selected aperture. Take Focus and press the shutter buttoncompletely. The picture will be takenwith the selected aperture opening on turning it tothe left will be takenwith the selected aperture.
the lens. If no lens is attached tothe camera, "00" will be displayed for the aperture .108Page 109f: Changing the Depth of FieldShooting Tips When using an aperture g/number will make the shutter speed slower. Under low light, the shutter speed
can be as long as 30 sec. In such cases, increase the ISO speed and hold the camera steady or use atripod. The depth of field depends not only on the aperture, but also onthe lens and on the subject distance. Since wide-angle lenses have a wide depth of field (range ofacceptable focus in front of and behind the point of focus), you need not set a high
aperture f/number to obtain a sharp picture from the foreground to the background. On the other hand, a telephoto lenshas a narrow depth of field. Set the aperture so that the shutter speed display does notblink. If you press the shutter button
halfway and changethe aperture while the shutter speed is displayed, the shutter speed display will also change tomaintain the same exposure (amount of lightreaching the image sensor). If you exceed theadjustable shutter speed display will blink to indicate that the standardexposure cannot be obtained. If the picture will be shutter speed is displayed, the shutter speed display will also change tomaintain the same exposure (amount of lightreaching the image sensor).
too dark, the "30"" (30 sec.) shutter speeddisplay will blink. If this happens, turn the dial to the left to set a higher f/number or decrease the ISO speed.109Page 110f:
Changing the Depth of FieldD Using the Built-in FlashTo obtain a correct flash exposure, the flash output will be set automatically to match the set aperture (autoflash). The shutter speedwill be set automatically to match the set aperture (autoflash). The shutter speedwill be set automatically to match the set aperture (autoflash). The shutter speedwill be set automatically to match the set aperture (autoflash). The shutter speedwill be set automatically to match the set aperture (autoflash).
exposed with a slow shutter speed set automatically. Both the subject and background look properly exposed with a touch ofatmosphere (automatic slow-speed flash sync). If you are handholdingthe camera, keep it steady to prevent camera shake. Using a tripod isrecommended. To prevent a slow shutter speed, under [53: Custom Functions(C.Fn)], set
[3: Flash sync. speed in Av mode] to [1: 1/200-1/60sec.auto] or [2: 1/200sec. (fixed)] (p.259).3 Depth-of-Field PreviewNThe aperture remains fully open. Therefore, when you look at the scene through the viewfinder or on the LCD monitor, the depth of
times to exit the menu. 3 Press the button. The aperture will be stopped down so you can see the depth of field. While looking at the Live View image (p.138) and holding down the button, you can see the depth of field. While looking at the Live View image (p.138) and holding down the button, you can see the depth of field. While looking at the Live View image (p.138) and holding down the button.
desired. While referring to the exposure level indicator in the viewfinder, you canset the exposure level markSet the Mode Dial to .2 Set the ISO speed (p.90). the shutter speed and aperture. Set To set the shutter speed, turn the dial. To set
the aperture, hold down the button and turn the dial.on the subject.4 Focus Press the shutter button halfway. The exposure level isfrom the standard exposure level.5 Set the exposure and take the picture. Set the shutter speed and aperture as
desired. If the exposure level exceeds ±2 stops from the standardexposure, the end of the exposure level indicator will blink at where or is displayed.) If [z2: Auto Lighting Optimizer] (p.121) is set to any setting otherthan [Disable], the image may
still look bright even if a darker exposure to obtain the standard exposure. Therefore, you may not obtain the desired exposure effect. 111Page 112a: Manual Exposure Using the Built-in FlashTo obtain the correct flash exposure on the main
subject, the flashoutput will be set automatically (autoflash) to match the manually-setaperture. The shutter openfor as long as you hold down the shutterbutton. It can be used to shoot fireworks and other subjects
requiring longexposures. In step 3 on the preceding page, turn the dial to the left to set . The elapsed exposure time will bedisplayed on the LCD monitor. Do not point the camera toward an intense light source, such as the sunor an intense artificial light source. Doing so may damage the imagesensor or the camera toward an intense light source, such as the sunor an intense artificial light source.
bulb exposures produce more noise than usual, the imagemay look slightly grainy. You can reduce the noise due to long exposures by setting [4: Long exp. noise reduction] under [53: Custom Functions (C.Fn)] to [1: Auto] or [2: On] (p.260). If ISO Auto is set for a bulb exposure, the ISO speed will be fixed at ISO800 (p.92). For bulb exposures, it is
recommended to fix the camera to a tripod and shoot remotely with a smartphone. For remote shooting settings, refer to the Wireless Function Instruction Manual.112Page 113q Changing the Metering ModeNThree methods (metering modes) to measure the subject's brightnessare provided. Normally, evaluative metering is recommended. In Basic
Zone modes, metering mode is set automatically.1Select [Metering mode]. Under the [z2] tab, select [Metering mode, then press .the metering mode, then press .the metering mode suited evenfor backlit subjects. The camera sets theexposure automatically to suit the scene.w
Partial metering Effective where the brightness is metered to obtain the subject due to backlight, etc. Thegray area in the left figure is approximately where the brightness is metered at the image centerand then averaged for the entire scene.
Thismetering mode is for advanced users. With q (Evaluative metering) and e (Center-weighted average metering) modes, the exposure is set at the moment the picture is taken. (Pressing the shutterbutton halfway does not
lock the exposure.)113Page 114Setting Exposure CompensationNO Setting Exposure Compensation if the exposure compensation up to ±5 stops in1/3-stop increments. Making it brighterHold
taking the picture, cancel theexposure compensation by settingit back to 0. Increased exposure for a brighter image The exposure compensation amount displayed in the viewfinder goes upto only ±2 stops. If the exposure compensation amount displayed in the viewfinder goes upto only ±2 stops. If the exposure compensation amount displayed in the viewfinder goes upto only ±2 stops. If the exposure compensation amount displayed in the viewfinder goes upto only ±2 stops. If the exposure compensation amount displayed in the viewfinder goes upto only ±2 stops. If the exposure compensation amount displayed in the viewfinder goes upto only ±2 stops. If the exposure compensation amount displayed in the viewfinder goes upto only ±2 stops. If the exposure compensation amount displayed in the viewfinder goes upto only ±2 stops. If the exposure compensation amount displayed in the viewfinder goes upto only ±2 stops. If the exposure compensation amount displayed in the viewfinder goes upto only ±2 stops. If the exposure compensation amount displayed in the viewfinder goes upto only ±2 stops. If the exposure compensation amount displayed in the viewfinder goes upto only ±2 stops. If the exposure compensation amount displayed in the viewfinder goes upto only ±2 stops. If the exposure compensation amount displayed in the viewfinder goes upto only ±2 stops. If the exposure compensation amount displayed in the viewfinder goes upto only ±2 stops. If the exposure compensation amount displayed in the viewfinder goes upto only ±2 stops. If the exposure compensation amount displayed in the viewfinder goes upto only ±2 stops. If the exposure compensation amount displayed in the viewfinder goes upto only ±2 stops. If the exposure goes upto only ±2 stops. If 
compensation exceeding ±2 stops, setting itwith [z2: Expo.comp./AEB] (p.116) or with the Quick Control (p.48) isrecommended.114Page 115Setting Exposure CompensationNy Setting itwith [z2: Expo.comp./AEB] (p.116) or with the Quick Control (p.48) isrecommended.114Page 115Setting Exposure CompensationNy Setting itwith [z2: Expo.comp./AEB] (p.116) or with the Quick Control (p.48) isrecommended.114Page 115Setting Exposure CompensationNy Setting Exp
exposurecompensation up to ±2 stops in 1/3-stop increments.1Press the button (7). The Quick Control screen will appear(p.48).[y].2 Select Press the cross keys to select[y*]. [Flash exposure comp.] will bedisplayed at the bottom.the flash exposure 3 Setcompensation amount. If the exposure is too dark, turn the dial to the right (for
increased exposure). If the exposure is too bright, turn the dial to the left (for decreased exposure). When you press the shutter button halfway, the icon willappear in the viewfinder. After taking the picture, cancel the flash exposurecompensation by setting it back to 0.If [z2: Auto Lighting Optimizer] (p.121) is set to any setting other than[Disable], the
image may still look bright even if a decreased exposure compensation or decreased flash exposure compensation with [Built-in flash func.setting] in [z1: Flash control] (p.197).115Page 1163 Auto Exposure compensation with [Built-in flash func.setting] in [z1: Flash control] (p.197).115Page 1163 Auto Exposure compensation with [Built-in flash func.setting] in [z1: Flash control] (p.197).115Page 1163 Auto Exposure compensation with [Built-in flash func.setting] in [z1: Flash control] (p.197).115Page 1163 Auto Exposure compensation with [Built-in flash func.setting] in [z1: Flash control] (p.197).115Page 1163 Auto Exposure compensation with [Built-in flash func.setting] in [z1: Flash control] (p.197).115Page 1163 Auto Exposure compensation with [Built-in flash func.setting] in [z1: Flash control] (p.197).115Page 1163 Auto Exposure compensation with [Built-in flash func.setting] in [z1: Flash control] (p.197).115Page 1163 Auto Exposure compensation with [Built-in flash func.setting] (p.197).115Page 1163 Auto Exposure compensation with [Built-in flash func.setting] (p.197).115Page 1163 Auto Exposure compensation with [Built-in flash func.setting] (p.197).115Page 1163 Auto Exposure compensation with [Built-in flash func.setting] (p.197).115Page 1163 Auto Exposure compensation with [Built-in flash func.setting] (p.197).115Page 1163 Auto Exposure compensation with [Built-in flash func.setting] (p.197).115Page 1163 Auto Exposure compensation with [Built-in flash func.setting] (p.197).115Page 1163 Auto Exposure compensation with [Built-in flash func.setting] (p.197).115Page 1163 Auto Exposure compensation with [Built-in flash func.setting] (p.197).115Page 1163 Auto Exposure compensation with [Built-in flash func.setting] (p.197).115Page 1163 Auto Exposure compensation with [Built-in flash func.setting] (p.197).115Page 1163 Auto Exposure compensation with [Built-in flash func.setting] (p.197).115Page 1163 Auto Exposure compensation with [Built-in flash func.setting] (p.197).115Page 1163 Auto Exposure compensation with [Bu
automatically (up to ±2 stops in 1/3-stop increments) withthree shots as shown below. You can then choose the best exposure(Decreased exposure) Elect [Expo.comp./AEB]. Under the [z2] tab, select [Expo.comp./AEB], then press
.the AEB range.2 Set Turn the dial to set the AEBAEB rangerange. Press the keys to set theexposure compensation, AEB will be applied on the LCD monitor.the
picture.3 Take Focus and press the shutter buttoncompletely. The three bracketedshots will be taken in this sequence:standard exposure, and increased exposure, and increased exposure at the AEB range display. The AEB setting will be canceled automatically if the
(u)Press the shutter button three times to take the three bracketedshots. The three bracketed shots will be taken in the following sequence: standard exposure, decreased exposure, and increased exposure, and increased exposure, and increased exposure. Using AEB with the self-timer (p.101), you can take three continuous shots after a delay of approx. 10 sec. or approx. 2 sec. With
(p.101) set, the number of continuous shots will be threetimes the number set. AEB will not work with flash or bulb exposures. If [z2: Auto Lighting Optimizer] (p.121) is set to any setting otherthan [Disable], the effect of AEB may be reduced.117Page 118A Locking the ExposureNYou can lock the exposure when the area of focus is to be different
from the exposure metering area or when you want to take multiple shots at the same exposure, then recompose and take the picture. This is called AE lock. It iseffective for shooting backlit subjects, etc. This feature can be used in Creative Zone modes except .1Focus on the subject. Press the shutter button
halfway. The exposure setting will be displayed. the button, the current exposure setting is locked (AE lock). Each time you press the button, the current exposure setting is locked. AE lock, keepholding down
the button and press the shutter button to take another picture. AE Lock Effects Metering Mode (p. 113) q*weAF Point Selection Method (p. 97) Automatic Selection Method (p. 97) Automatic Selection Method (p. 97) Automatic Selection Method (p. 98) at the 
set to, AE lock is implemented withthe exposure Weighting centered on the subject is on the subject is on the subject is on the subject is on the subject in such a case. After setting the flash output for
theappropriate subject brightness, you can recompose (put the subjecttoward the side) and shoot. This feature can also be used with a CanonEX-series Speedlite.* FE stands for Flash Exposure.1Raise the built-in flash with yourfingers. Press the shutter button halfway andlook in the viewfinder to check thatthe icon is lit.2 Focus on the subject.the
button (8).3 Press Aim the viewfinder center over thesubject where you want to lock the flashexposure, then press the button. The flash will fire a preflash and therequired flash output is calculated and retained in memory. In the viewfinder, "FEL" is displayed for a moment and will light up. Each time you press the button, a preflash is fired and the
requiredflash output is calculated and retainedin memory.the picture istaken.119Page 120A Locking the Flash ExposureN If the subject is too far away and the captured image comes out dark, the icon will blink. Move closer to the subject and repeat
steps 2 to 4. FE lock is not possible during Live View shooting.120Page 1213 Auto Correction of Brightness and ContrastNIf the image comes out dark or the contrast is low, the brightness and contrast can be corrected automatically. This function is called AutoLighting Optimizer. The default setting is [Standard]. With JPEGimages, the correction is
applied when the image is captured. In Basic Zone modes, [Standard] is set automatically. 1 Select [Auto Lighting Optimizer], then press. the picture. 3 Take The image will be recorded with the brightness and contrast corrected if necessary.
Under [53: Custom Functions (C.Fn)], if [6: Highlight tone priority] isset to [1: Enable], the Auto Lighting Optimizer's effect is too strong and the image is toobright, set [Low] or [Disable]. If a setting other than [Disable] is set and you use
exposure compensation or flash exposure, the image may still come out bright. If you want a darker exposure, setthis function to [Disable]. Depending on the shooting conditions, noise may increase.121Page 1223 Correcting the Image's Dark CornersDue to the lens characteristics, the four corners of the picture
may lookdarker. This phenomenon is called lens light fall-off or drop in peripheralillumination and can be corrected with Digital Photo Professional (EOSsoftware, p.310).1Select [Peripheral illumin.correct.].
Under the [z1] tab, select[Peripheral illumin. correct.], then press .the setting. Select Check that [Correction data not available] is displayed for theattached lens. If [Correction data not available] is displayed for theattached lens. If [Correction data not available] is displayed for theattached lens. If [Correction data not available] is displayed for theattached lens. If [Correction data not available] is displayed for theattached lens. If [Correction data not available] is displayed for theattached lens. If [Correction data not available] is displayed for theattached lens. If [Correction data not available] is displayed for theattached lens. If [Correction data not available] is displayed for theattached lens. If [Correction data not available] is displayed for theattached lens. If [Correction data not available] is displayed for theattached lens. If [Correction data not available] is displayed for theattached lens. If [Correction data not available] is displayed for theattached lens. If [Correction data not available] is displayed for the available [Correction data not available] is displayed for the available [Correction data not available] is displayed for the available [Correction data not available] is displayed for the available [Correction data not available] is displayed for the available [Correction data not available] is displayed for the available [Correction data not available] is displayed for the available [Correction data not available] is displayed for the available [Correction data not available] is displayed for the available [Correction data not available] is displayed for the available [Correction data not available] is displayed for the available [Correction data not available] is displayed for the available [Correction data not available] is displayed for the available [Correction data not available] is displayed for the available [Correction data not available] is displayed for the available [Correction data not available] is displayed for the available [Correction data not availa
illumination corrected. Correction disabled 122 Correction enabled Page 1233 Correction bata The camera already contains lens peripheral illumination correction will be applied automatically for anylens whose
correction data has been registered in the camera. You can also registered in the camera. You ca
JPEG imagesalready taken. Depending on shooting conditions, noise may appear on the imageperiphery. When using a non-Canon lens, setting the correction will not be reflected
in the image displayed on thescreen. If the effect of the correction is not visible, magnify the image aftershooting and check it again. Correction data for the attached lens is not registered to thecamera, the result will be the same as when the correction is set
to[Disable]. The correction amount applied will be slightly lower than the maximum correction amount will be less if the lens used does not have distance information. The higher the ISO speed, the lower the correction amount will be less if the lens used does not have distance information. The higher the ISO speed, the lower than the maximum correction amount will be less if the lens used does not have distance information. The higher the ISO speed, the lower than the maximum correction amount will be less if the lens used does not have distance information.
CharacteristicsNYou can customize a Picture Style by adjusting individual parameters and [Contrast] from the default. To see theresulting effects, take test shots. To customize [Monochrome], seepage 126.1Select [Picture Style], then press. The Picture Style selection screen willappear.
Picture Style.2 Select Select a Picture Style, then press the button to save theadjusted parameter. The Picture Style selection screen will reappear. Any parameter settings
different from the default will be displayed in blue. By selecting [Default set.] in step 3, you can revert the parameter settings of the respective Picture Style to their defaults. To shoot with the Picture Style you adjusted, follow step 2 on page 93 toselect the adjusted Picture Style, then shoot. 124Page 125A Customizing Image Characteristics NParameter
Settings and EffectsSharpnessAdjusts the sharpness of the subject. To make it less sharp, set it toward the E end. The closer it is to E, the softer the image will look. Contrast Adjusts the image contrast and the vividness of colors. To decrease the contrast, set
it toward the minus end. The closer it isto G, the more muted the image will look. To increase the color saturation in the image will look. To increase the color saturation, set it toward the minus end. The closer it isto G, the more diluted the colors will
look. To increase the color saturation, set it toward the plus end. The closer it is to H, the bolder the skin tone will look. To reduce skin redness, set it toward the plus end. The closer it is to H, the more
yellow the skin tone will look.125Page 126A Customizing Image CharacteristicsNV Monochrome AdjustmentFor Monochrome (Filter effect) and [Contrast] explained on the preceding page.kFilter EffectWith a filter effect applied to amonochrome image, you can make white clouds or green
trees stand outmore. FilterSample EffectsN: NoneNormal black-and-white image with no filter effects. Ye: YellowThe blue sky will look more natural, and the white clouds will look guite dark. Fall leaves will look crisper and brighter. G:
GreenSkin tones and lips will appear muted. Green tree leaves will lookcrisper and brighter. Increasing the [Contrast] will make the image look more impressive. The following can be selected: [N:None], [S:Sepia],
[B:Blue], [P:Purple] or [G:Green], 126 Page 127A Registering Preferred Image Characteristics NYou can select a base Picture Style such as [Portrait] or [User Def. 3]. You can create multiple Picture Styles with different settings for parameters such as
sharpness and contrast. You can also adjust the parameters of a Picture Style that is registered to the camera with EOS Utility (EOS software, p.310). 1 Select [Picture Style]. Under the [z2] tab, select [User Def. *]. 2 Select Select [Victure Style], then press the button. The Detail
setting screen will appear...3 Press With [Picture Style] selected, press the base Picture Style, then press . To adjust the parameters of a Picture Style here.127Page 128A Registering Preferred Image
CharacteristicsNa parameter. Select Select Select Select a parameter such as Sharpness, then press the button to register themodified Picture Styles Press the button to register themodified Picture Styles In press the selection screen will then reappear
The base Picture Style will beindicated on the right of [User Def. *]. If the settings in a Picture Style registered under [User Def. *], changing the base Picture Style in step 4 will
nullify the parameter settings of the registered Picture Style and camera settings (p.192), all the [User Def. *] settings will revert to their defaults. Any Picture Style registered Picture Style registered Picture Style, follow step 2
on page 93 toselect [User Def. *], then shoot. Regarding the procedure to register a Picture Style file to the camera, refer to the EOS Utility Instruction Manual.128Page 129B: Matching the procedure to register a Picture Style file to the camera, refer to the EOS Utility Instruction Manual.128Page 129B: Matching the procedure to register a Picture Style file to the camera, refer to the EOS Utility Instruction Manual.128Page 129B: Matching the procedure to register a Picture Style file to the Common Manual.128Page 129B: Matching the Light SourceNThe function adjusting the procedure to register a Picture Style file to the Common Manual.128Page 129B: Matching the Light SourceNThe function adjusting the Picture Style file to the Common Manual.128Page 129B: Matching the Picture Style file to the Common Manual.128Page 129B: Matching the Picture Style file to the Common Manual.128Page 129B: Matching the Picture Style file to the Common Manual.128Page 129B: Matching the Picture Style file to the Common Manual.128Page 129B: Matching the Picture Style file to the Common Manual.128Page 129B: Matching the Picture Style file to the Common Manual.128Page 129B: Matching the Picture Style file to the Common Manual.128Page 129B: Matching the Picture Style file to the Common Manual.128Page 129B: Matching the Picture Style file to the Common Manual.128Page 129B: Matching the Picture Style file to the Common Manual.128Page 129B: Matching the Picture Style file to the Common Manual.128Page 129B: Matching the Picture Style file to the Common Manual.128Page 129B: Matching the Picture Style file to the Common Manual.128Page 129B: Matching the Picture Style file to the Common Manual.128Page 129B: Matching the Picture Style file to the Common Manual.128Page 129B: Matching the Picture Style file to the Common Manual.128Page 129B: Matching the Picture Style file to the Common Manual.128Page 129B: Matching the Picture Style file to the Common Manual.128Page 129B: Matching the Picture Style file to the Common Manual.128Page 129B: Matching 
priority) or [Qw] (White priority) setting will obtain the correct white balance to match the light source or set itmanually by shooting a white object. In Basic Zone modes, [Q] (Ambience priority) is set automatically. (Inthe mode, [Qw] (White priority) is set.) 1 Press
the button. [White balance] will appear a white balance setting. Select Press the keys or turn the dial to select the desired setting, then press and the balance setting is a select the desired setting. Select Press the keys or turn the dial to select the desired setting is a select the desired setting. The white balance setting is a select the desired setting is a select the desired setting in the press. The "Approx. ****K" (K: Kelvin) displayed for the white balance setting is a select the desired setting in the press. The "Approx. ****K" (K: Kelvin) displayed for the white balance setting is a select the desired setting in the press. The "Approx. ****K" (K: Kelvin) displayed for the white balance setting is a select the desired setting in the press. The "Approx. ****K" (K: Kelvin) displayed for the white balance setting is a select the desired setting in the press. The "Approx. ****K" (K: Kelvin) displayed for the white balance setting is a select the desired setting in the press. The "Approx. ****K" (K: Kelvin) displayed for the white balance setting is a select the desired setting in the press. The "Approx. ****K" (K: Kelvin) displayed for the white balance setting is a select the desired setting in the press. The "Approx. ****K" (K: Kelvin) displayed for the white balance setting is a select the desired setting is a select the press. The "Approx. ****K" (K: Kelvin) displayed for the white balance setting is a select the desired setting is a
(Ambience priority), you can increase the intensity of theimage's warm color cast when shooting a tungsten-light scene. If you want to match the Auto white balance of previous EOS cameramodels, select [Q] (Ambience priority), the button.1 Press [White
balance] will appear.[Q]. Select Select [Q], then press the button. The warm color cast of subjects may fade. When multiple light sources are included on the
screen, the warm colorcast of the picture may not be lessened. When using flash, the color tone will be the same as [Q] (Ambiencepriority).130Page 131B: Matching the Light Source. Make sure to perform this procedure underthe
light source at the actual location of the shoot.1Shoot a white object. A plain, white balance]. Select Under the [z2] tab, select [CustomWhite Balance], then press. The custom
white balance selectionscreen will appear, the white balance data. 3 Import Select the image that was captured instep 1, then press. On the dialog screen that appears, select [OK], and the data will beimported. When the menu reappears the button to exit the menu 131Page 132B: Matching the Light SourceN[O (Custom)]. 4 Select Press the
button. Select [O (Custom)], then press. If the exposure obtained in step 1 differs greatly from the standard exposure, a correct white balance may not be obtained. In step 3, the following images cannot be selected: Images captured withthe Picture Style set to [Monochrome] (p.94), images processed with a Creative filter, or images shot with another
camera.132Page 133u Adjusting the Color Tone for the Light SourceNYou can correct the white balance that is set. This adjustment will have the same effect as using a commercially-available color temperature conversion filter. Each color can becorrected to one of nine levels. This function is for advanced users, particularly
for those users whounderstand the use of color temperature conversion and colorcompensating filters and their effects. White Balance Correction/WB bracketingscreen will appear. the white balance correction. 2 Set Press the cross keys to move Sample
setting: A2, G1the "" mark to the desired position. B is for blue, A for amber, M formagenta, and G for green. The image'scolor balance will be adjusted towardthe color in the direction and correctionamount, respectively. Pressing the button willcancel all the [WB Shift/Bkt.]
settings. Press to exit the setting andreturn to the menu. When the white balance is corrected, will be displayed in theviewfinder and on the LCD monitor. One level of the blue/amber correction is equivalent to approx. 5 miredsof a color temperature conversion
filter.)133Page 134u Adjusting the Color Tone for the Light SourceNWhite Balance Auto BracketingWith just one shot, three images with different color tones can be recordedsimultaneously. Based on the color temperature of the current white balancesetting, the image will be bracketed with a blue/amber bias or magenta/green bias. This is called
white balance bracketing (WB Bkt.). White balance bracketing is possible up to ±3 levels in single-level increments. Set the white balance bracketing amount. B/A bias ±3 levels in single-level increments. Set the white balance bracketing amount. B/A bias ±3 levels in single-level increments. Set the white balance bracketing is possible up to ±3 levels in single-level increments. Set the white balance bracketing amount. B/A bias ±3 levels in single-level increments. Set the white balance bracketing amount. B/A bias ±3 levels in single-level increments. Set the white balance bracketing amount. B/A bias ±3 levels in single-level increments. Set the white balance bracketing amount. B/A bias ±3 levels in single-level increments. Set the white balance bracketing amount. B/A bias ±3 levels in single-level increments. Set the white balance bracketing amount. B/A bias ±3 levels in single-level increments. Set the white balance bracketing amount. B/A bias ±3 levels in single-level increments. Set the white balance bracketing amount. B/A bias ±3 levels in single-level increments. Set the white balance bracketing amount. B/A bias ±3 levels in single-level increments. Set the white balance bracketing amount. B/A bias ±3 levels in single-level increments. Set the white balance bracketing amount. B/A bias ±3 levels in single-level increments. Set the white balance bracketing amount amoun
turning it to the leftsets the M/G bracketing. On the right, "Bracket" indicates thebracketing direction and correction amount. Pressing the button will be bracketed in the following sequence: 1. Standardwhite balance, 2. Blue (B)
bias, and 3. Amber (A) bias, or 1. Standardwhite balance, 2. Magenta (M) bias, and 3. Green (G) bias. During WB bracketing, the maximum burst for continuous shooting will be lower and thenumber of possible shots will also decrease to approx. one-third the normal number. You can also set white balance correction and AEB together with
whitebalance bracketing. If you set AEB in combination with white balancebracketing, a total of nine images are recorded for one shot, it takes longer to recorded for a single shot. Since three images are recorded for one shot, it takes longer to recorded for one shot as a single shot.
the Color Reproduction RangeNThe range of reproducible colors is called "color space". With this camera, you can set the color space for captured images to sRGB is recommended. In Basic Zone modes, 
desired color space. 2 Set Select [sRGB] or [Adobe RGB], thenpress . Adobe RGB, and Design rule for Camera FileSystem 2.0 (Exif 2.21 or higher). The image will look very subdued
in ansRGB computer environment and with printers not compliant to Designrule for Camera File System 2.0 (Exif 2.21 or higher). Post-processing of the image with computer software will therefore be required. If the captured still photo was shot in the Adobe RGB color space, thefirst character in the file name will be an underscore "". The ICC
profile is not appended. For explanations about the ICC profile, refer to the Digital Photo Professional Instruction Manual.135Page 136136Page 1375Shooting with the LCD Monitor (Live View shooting) You can shoot while viewing the picture on the camera's LCD monitor. This is called "Live View shooting". Live View shooting is effective for still
subjects which do not move. If you handhold the camera and shoot while viewing the LCD monitor, camera shake can cause blurred images. Using a tripod is recommended. Remote Live View Shooting the LCD monitor, camera shake can cause blurred images. Using a tripod is recommended. Remote Live View Shooting the LCD monitor, camera shake can cause blurred images. Using a tripod is recommended. Remote Live View Shooting the LCD monitor, camera shake can cause blurred images. Using a tripod is recommended. Remote Live View Shooting the LCD monitor, camera shake can cause blurred images. Using a tripod is recommended. Remote Live View Shooting the LCD monitor, camera shake can cause blurred images. Using a tripod is recommended. Remote Live View Shooting the LCD monitor, camera shake can cause blurred images. Using a tripod is recommended. Remote Live View Shooting the LCD monitor, camera shake can cause blurred images. Using a tripod is recommended. Remote Live View Shooting the LCD monitor, camera shake can cause blurred images. Using a tripod is recommended. Remote Live View Shooting the LCD monitor, camera shake can cause blurred images. Using the LCD monitor, camera shake can cause blurred images. Using the LCD monitor is recommended. Remote LCD monitor, camera shake can cause blurred images. Using the LCD monitor is recommended. Remote LCD monitor is recommende
computer screen. For details, refer to the EOSUtility Instruction Manual.137Page 138A Shooting with the LCD monitor. The Live View image will closelyreflect the brightness level of theactual image you capture.on the subject.2 Focus When you press
```

```
the shutter buttonhalfway, the camera will focus withthe current AF method (p.146). If the icon blinks during shootingin Basic Zone modes, raise the builtin flash with your fingers. the picture. Take Press the shutter button completely. The picture is taken and the capturedimage is displayed on the LCDmonitor. When the playback display ends, the
camera will return to Live Viewshooting automatically. Press the button to exit the Live View shooting modes. The image'recording qualityset to JPEG 73 and aspect ratio set to 3:2). During Live View shooting, the camera will shoot with One-Shot AF(p.95) in all shooting modes. The metering mode will be fixed to
evaluative metering for Live Viewshooting. It is recommended to check the exposure with the histogram beforeshooting (p.140). In Creative Zone modes, you can check the depth of field by setting[9: Assign SET button] under [53: Custom Functions (C.Fn)] to[4: Depth-of-field preview] and pressing . During continuous shooting, the exposure set for
the first shot will also be applied to the subsequent shots.138Page 139A Shooting with the LCD Monitor Enabling Live View Shooting with the LCD Monitor Enable In Basic Zone modes, the Live View Shooting with Live View Shooting With Live View Shoot In Basic Zone modes, the Live View 
ShootingTemperatureRoom TemperatureRoom Temperature(23°C / 73°F)Low Temperatures(0°C / 32°F)No Flash UseApprox. 180 shots50% F
Pack LP-E10, the total time available for Live Viewshooting is approx. 1 hr. 25 min. at room temperature (23°C / 73°F). Do not point the camera toward an intense light source, such as the sunor an intense artificial light source.
pages 155-156. When flash is used, there will be two shutter sounds, but only one shot willbe taken. Also, the time it takes to capture an image after you press theshutter button completely will be slightly longer than with viewfinder shooting. If the camera is not operated for a prolonged period, the power will turnoff automatically after the time set in
[51: Auto power off] (p.183). If[51: Auto power off] is set to [Disable], Live View shooting will endautomatically after approx. 30 min. (camera power remains on). With an HDMI cable (sold separately), you can display the Live View maintain contact with the same
area ofskin for extended periods of time during use. This may result in low-temperature contact burns, including skin redness and blistering, even if the product does not feel hot. The use of a tripod or similar equipment is recommended when using the product tin hot places and forpeople with circulation problems or less sensitive skin. 139 Page 140A
Shooting with the LCD MonitorInformation Display Each time you press the button, the information display willchange. FlexiZone - Single c: u Live mode f: Quick mode) Magnifying frameShooting modeHistogram displayDrive/self-timerTemperaturewarningWhite balanceAuto LightingOptimizerFEBAEBImage.
recordingqualityExposuresimulationAE lockD Use of flashrecommended(blinking)Flash-ready (illuminated)b Flash Offe High-speed syncy Flash exposurecompensation External flash exposurecompensation External flash exposurecompensation External flash exposurecompensation External flash exposurecompensation (illuminated) Flash Offe High-speed syncy Flash exposurecompensation External flash exposurecompensation (illuminated) Flash Offe High-speed syncy Flash exposurecompensation (illuminated) Flash Offe High-speed syncy Flash exposurecompensation (illuminated) Flash exposurecompensation (illuminated) Flash Offe High-speed syncy Flash exposurecompensation (illuminated) Flash exposurecompensati
rangeAperturePicture StylePage 141A Shooting with the LCD Monitor When is displayed in white, it indicates that the Live View image is displayed at a brightness is close to what the captured image will look like. If is blinking, it indicates that the Live View image is displayed at a brightness is close to what the captured image will look like. If is blinking, it indicates that the Live View image is displayed at a brightness is close to what the captured image will look like. If is blinking, it indicates that the Live View image is displayed at a brightness is close to what the captured image will look like. If is blinking, it indicates that the Live View image is displayed at a brightness is close to what the captured image will look like. If is blinking, it indicates that the Live View image is displayed at a brightness is close to what the captured image will look like. If is blinking, it indicates that the Live View image is displayed at a brightness is close to what the captured image will be caused in the live View image is displayed at a brightness is close to what the captured image will be caused in the live View image is displayed at a brightness is close to what the live View image is displayed at a brightness is close to what the live View image is displayed at a brightness is close to what the live View image is displayed at a brightness is close to what the live View image is displayed at a brightness is close to what the live View image is displayed at a brightness is close to what the live View image is displayed at a brightness is close to what the live View image is displayed at a brightness is close to what the live View image is displayed at a brightness is close to what the live View image is displayed at a brightness is close to what the live View image is displayed at a brightness is dis
conditions. However, the actual image recorded will reflect theexposure setting. Note that noise may be more noticeable than the actualimage recorded will be displayed on the LCD monitor at the standard brightness. The histogram may
not be properly displayed in low- or bright-light conditions. Final Image Simulation is a function that shows the Live View image asit will look with the current settings for Picture Style, white balance, and other shooting functions applied. During shooting, the Live View image will automatically reflect the function settings listed
below. However, it may be slightly different from the resulting image. Final Image Simulation During Live View Shooting Picture Style* All settings such as sharpness, contrast, color saturation, and color tone (in mode) Exposure Depth of
field (with C.Fn-9-4 set and ON)Auto Lighting OptimizerPeripheral illumination correctionHighlight tone priorityAspect ratio (shooting range confirmation)141Page 142Shooting Function SettingsFunction settings particular to Live View shooting range confirmation)141Page 142Shooting Function SettingsFunction Setti
LCDmonitor in a Creative Zone mode, you can set any of the following: AFmethod, Drive/self-timer, White balance, Picture Style, Auto LightingOptimizer, Image-recording quality, and ISO speed. In Basic Zonemodes, you can set the functions in bold above.1Press the button (7). The functions
settable with QuickControl will appear on the left of thescreen. If the AF method is, the AFpoint (p.152).a function and set it.2 Select Press the keys to select afunction. The settings of the selected functionand Feature guide (p.55) will appear. Press the keys or turn the dial to set the
function. Pressing will display therespective function setting screen. To set Auto white balance, select[Q], press the button. the setting. 3 Exit Press the button to return to Live View shooting. 142Page 143Menu Function Settings The menu options displayed are as follows. The settable functions on this menuscreen apply only to Live
Viewshooting. They do not work withviewfinder shooting (settings are disable). In Basic Zone modes, the Live View shooting to [Enable] or [Disable]. AF methodYou can select [FlexiZone - Single], [u Live Viewshooting Viewshooti
mode], or [Quickmode]. See pages 146-153 for more about the AF method. Grid displayWith [Grid 11] or [Grid 2m], you can display grid lines. You cancheck horizontal or vertical tilt when shooting 143Page 144Menu Function Settings Aspect ratio Can be set to [3:2], [4:3], [16:9], or [1:1]. The area surrounding the image area
is masked in black when thefollowing aspect ratio are set: [4:3] [16:9] [1:1]. JPEG images will be saved with the EOS software, this allows you to generate an executatio information is added to the RAW image file. When you process the RAW image with the EOS software, this allows you to generate an executation information is added to the RAW image with the EOS software, this allows you to generate an executation information is added to the RAW image with the EOS software, this allows you to generate an executation information is added to the RAW image with the EOS software, this allows you to generate an executation information is added to the RAW image with the EOS software, this allows you to generate an executation information is added to the RAW image with the EOS software, this allows you to generate an executation information is added to the RAW image with the EOS software, this allows you to generate an executation information is added to the RAW image with the EOS software, this allows you to generate an executation information is added to the RAW image with the EOS software, this allows you to generate an executation information is added to the RAW image with the EOS software, the EOS software is a supplication information inf
image with the same aspect ratio that was set for shooting. In thecase of the [4:3], [16:9], and [1:1] aspect ratios, the lines to indicate the aspect ratio will appear during image playback, but they are notactually drawn on the image. Image Quality Aspect Ratio and Pixel Count (Approx.) 3:24:316:91:135184x34564608x34565184x2912*3456x3456(17.9).
megapixels) (16.0 megapixels) (15.1 megapixels) (15.1 megapixels) (5.3 megapixels) (4.0 megapixels) (6.7 megapixels) (6.7 megapixels) (6.7 megapixels) (6.7 megapixels) (6.7 megapixels) (6.7 megapixels) (6.8 megapixels) (6.7 megapixels) (6.7 megapixels) (6.8 megapixels) (6.9 meg
megapixels) (2.2 megapixels) (2.1 megapixels) (2.1 megapixels) (2.1 megapixels) (250,000 pixels) (290,000 pixels) (290,000 pixels) (290,000 pixels) (210,000 pi
the actual image area. Check the captured images on the LCD monitor when shooting. If you use a different camera to directly print images shot with this camera in the 1:1 aspect ratio, the images may not be correctly print images shot with this camera in the 1:1 aspect ratio, the images may not be correctly print images shot with this camera in the 1:1 aspect ratio, the images may not be correctly print images shot with this camera in the 1:1 aspect ratio, the images may not be correctly print images shot with this camera in the 1:1 aspect ratio, the images may not be correctly print images.
locktime). In Basic Zone modes, metering timer is fixed at 8 sec. Any of the following operations will stop Live View shooting. To start LiveView shooting. To start LiveView shooting again, press the button again, press the button again. Firmware Ver.] Turning the Mode Dial past 145Page 146Using AF to Focus (AF)
Method)Selecting the AF MethodYou can select an AF method to suit the shooting conditions and yoursubject. The following AF methods are provided: [FlexiZone - Single], [u Live mode] (face detection, p.147), and [Quick mode] (p.152). If you want to achieve precise focus, set the lens's focus mode switch to, magnify the image, and focus manually
(p.154). Select the AF method. Under the [z4] tab, select [AFmethod]. (In Basic Zone modes, it isunder the [z2] tab.) Select the AF methodwith the Quick Control (p.142). FlexiZone - Single: dThe image sensor is used to focus. Although AF
is possible with the Live View image displayed, the AF operation will take longer thanwith the Quick mode. Also, achieving focus may be more difficult thanwith the Quick mode. Also, achieving focus may be more difficult thanwith the Quick mode. Also, achieving focus may be more difficult thanwith the Quick mode. Also, achieving focus may be more difficult thanwith the Quick mode. Also, achieving focus may be more difficult thanwith the Quick mode. Also, achieving focus may be more difficult thanwith the Quick mode. Also, achieving focus may be more difficult thanwith the Quick mode. Also, achieving focus may be more difficult thanwith the Quick mode. Also, achieving focus may be more difficult thanwith the Quick mode. Also, achieving focus may be more difficult thanwith the Quick mode. Also, achieving focus may be more difficult than with the Quick mode. Also, achieving focus may be more difficult than with the Quick mode. Also, achieving focus may be more difficult than with the Quick mode. Also, achieving focus may be more difficult than with the Quick mode. Also, achieving focus may be more difficult than with the Quick mode. Also, achieving focus may be more difficult than with the Quick mode. Also, achieving focus may be more difficult than with the Quick mode. Also, achieving focus may be more difficult than with the Quick mode. Also, achieving focus may be more difficult than with the Quick mode. Also, achieving focus may be more difficult than with the Quick mode. Also, achieving focus may be more difficult than with the Quick mode. Also, achieving focus may be more difficult than with the Quick mode. Also, achieving focus may be more difficult than with the Quick mode. Also, achieving focus may be more difficult than with the Quick mode. Also, achieving focus mode. Also, achieving f
cross keys to move the AF point to where you want tofocus. (It cannot be moved to theedge of the screen.) Press to return the AF point to the center. (If C.Fn-9 is set, hold down the button and press the shutter button halfway. When focus is
achieved, the AF pointwill turn green and the beeper willsound. If focus is not achieved, the AF pointwill turn orange.the picture (p.138).u (Face detection) Live Mode: cHuman faces are detected and focused on with the same AF method as FlexiZone
Single. Have the person whose picture you want to takeface the camera.1Display the Live View image. Press the button. The Live View image will appear on the face forfocusing. If multiple faces are detected, will be displayed. Use the keys to move the frame
overthe face you want to focus on.147Page 148Using AF to Focus (AF Method)on the subject.3 Focus Press the shutter button halfway andthe camera will focus on the facecovered by the frame. When focus is achieved, the AF pointwill turn orange. If a face cannot be
detected, the AFpoint < > will be displayed and AFwill be executed at the center. the picture (p.138). If the subject's face is significantly out of focus, face detection will not be possible. If the lens enables manual focusing even while the lens's focus mode
switch is set to, turn the focusing ring to attain rough focus. The face will then be detected and will be displayed. An object other than a human face may be detected as a face. Face detection will not work if the face is very small or large in the picture, too bright or too dark, tilted horizontally or diagonally, or partially hidden. The may cover only a part
of the face, not the whole face. When you press, the AF method will switch to [FlexiZone - Single](p.146). You can then press the cross keys to move the AF point. Press again to return to [u(Face detection) Live Mode]. (If C.Fn-9 is set, hold down the button and press.)
be grayed out. Then if you press the shutter buttonhalfway, the center AF point < > will be used to focus.148Page 149Using AF to Focus (AF Method)Notes for [FlexiZone - Single] and [u Live mode]AF Operation Focusing will take longer than with [Quick mode]. Even when focus is achieved, pressing the shutter button halfwaywill focus again. You
cannot focus on a moving subject continuously. The image brightness may change during and after the AFoperation. If the light source changes while the Live View shooting and execute AF under the actual lightsource. Magnified View When
[FlexiZone - Single] is set and you press the button, thearea covered by the AF point will be magnified view, return to thenormal display and use AF. Note is attached to a tripod and you need to attain veryprecise focus. If focusing is difficult in magnified view, return to thenormal display and use AF. Note is a tripod and you need to attain veryprecise focus. If focusing is difficult in magnified view, return to thenormal display and use AF.
that the AF speed may differbetween the normal and magnified views. If you magnified view is not possible.149Page 150Using AF to Focus (AF Method)Shooting Conditions that Make Focusing Difficult Low-contrast
subjects such as the blue sky, solid-color flat surfacesor when highlight or shadow details are lost. Subjects in low light. Stripes and other patterns (Example: Skyscraper windows, computer keyboards, etc.). Fine lines and subject outlines. Under a light source
whose brightness, color, or pattern keepschanging. Night scenes or points of light. The image flickers under fluorescent or LED lighting. Extremely small subjects (Example: Car with a highlyreflective body, etc.). The AF point covers both near and distant subjects
(Example: Animal in a cage, etc.). Subjects that keep moving within the AF point and cannot keep stilldue to camera shake or subject is very far out of focus. Soft focus effect is applied with a soft focus effect filter is used. Noise (dots of light
banding, etc.) appears on the screen during AF.150Page 151Using AF to Focus (AF Method) If focus is not achieved with the shooting conditions on the precedingpage, set the lens's focus mode switch to and focus manually. If you use AF with any of the following lenses, using [Quick mode] isrecommended. Autofocusing with [FlexiZone - Single] or [u
Livemode] may take longer or correct focus may not be achieved. EF50mm f/1.4 USM, EF50mm f/2.5 Compact Macro, EF100mm f/2.5 Compact Macro, EF100mm f/2.5 Compact Macro, EF100mm f/2.6 III, EF50mm f/2.6 III USMFor information on other lenses, refer to the Canon website. If you shoot a peripheral subject and it is slightly out of focus,
recomposeto move the subject (and AF point) toward the screen center, focus againand then take the picture. The AF-assist beam will not be emitted. However, if an EX-seriesSpeedlite (sold separately) equipped with an LED light is used, the LEDlight will turn on for AF-assist when necessary. In magnified view, focusing may be difficult due to
camera shake. Usinga tripod is recommended.151Page 152Using AF to Focus (AF Method)Quick Mode: fThe dedicated AF sensor is used to focus in One-Shot AF (p.95), usingthe same AF method as with viewfinder shooting. Although you can focus on the target subject quickly, the Live Viewimage will be interrupted momentarily during the AF
operation. You can use nine AF points to focus (automatic selection). You can also select one AF point to focus and focus only on the area covered by that AF point (manual selection). AF points to focus (automatic selection). AF points to focus and focus only on the area covered by that AF points to focus and focus only on the area covered by that AF points to focus and focus only on the area covered by that AF points to focus and focus only on the area covered by that AF points to focus and focus only on the area covered by that AF points to focus and focus only on the area covered by that AF points to focus and focus only on the area covered by that AF points to focus and focus only on the area covered by that AF points to focus and focus only on the area covered by that AF points to focus and focus only on the area covered by that AF points to focus and focus only on the area covered by that AF points to focus and focus only on the area covered by that AF points to focus and focus only on the area covered by that AF points to focus and focus only on the area covered by that AF points to focus and focus only on the area covered by that AF points to focus and focus only on the area covered by that AF points to focus and focus only on the area covered by that AF points to focus and focus only on the area covered by that AF points to focus and focus only on the area covered by that AF points to focus and focus only on the area covered by that AF points to focus and focus only on the area covered by that AF points to focus and focus on the area covered by that AF points to focus and focus on the area covered by that AF points to focus and focus on the area covered by that AF points to focus and focus on the area covered by that AF points to focus and focus on the area covered by that AF points to focus and focus on the area covered by that AF points to focus and focus on the area covered by that AF points to focus and focus on the area covered by that AF points to focus and focus on the area covered by the area c
larger box is the magnifying frame. Magnifying frame (7) todisplay the Quick Control screen. The settable functions will be displayed on the left of the screen. Press the button (7) todisplay the Quick Control screen. The settable functions will be displayed on the left of the screen. Press the button (7) todisplay the Quick Control screen. The settable functions will be displayed on the left of the screen. The settable functions will be displayed on the left of the screen. The settable functions will be displayed on the left of the screen. The settable functions will be displayed on the left of the screen. The settable functions will be displayed on the left of the screen. The settable functions will be displayed on the left of the screen. The settable functions will be displayed on the left of the screen. The settable functions will be displayed on the left of the screen. The settable functions will be displayed on the left of the screen. The settable functions will be displayed on the left of the screen. The settable functions will be displayed on the left of the screen. The settable functions will be displayed on the left of the screen. The settable functions will be displayed on the left of the screen. The settable functions will be displayed on the left of the screen. The settable functions will be displayed on the left of the screen.
the AF point over the subject and press the shutter button halfway. The Live View image will turn off, thereflex mirror will go back down, and AF will be executed. (No picture istaken.) When focus is achieved, the AF pointwill turn orange and
blink.the picture.4 Take Check the focus and exposure, then press the shutter button completely totake the picture (p.138). You cannot take a picture during autofocusing. Take the picture while the Live View image is displayed. 153 Page 154MF: Focusing Manually You can magnify the image and focus precisely with manual focus. 1Set the lens's focus
mode switchto. Turn the lens focusing ring to focusroughly the magnifying frame to the center. (If C.Fn-9 is set, hold down the button and press.) the image. 3 Magnify Press the button. The area
within the magnifying framewill be magnified. Each time you press the button, the magnified image, AE lockMagnified area positionMagnification turn the lens focus while looking at the magnified image, AE lockMagnified imag
return to the normal view.the picture. 5 Take Check the focus and exposure, thenpress the shutter button to take thepicture (p.138).154Page 155General Live View Shooting in high temperatures may cause noise and
irregular colors inthe image. If Live View shooting is used continuously for a prolonged period, thecamera's internal temperature may rise, and image quality may deteriorate. Exit Live
View shooting and wait afew minutes before shooting again. White and Red Internal Temperature Warning Icons If the camera's internal temperature increases due to prolonged LiveView shooting or under a high ambient temperature. It is
recommended that you temporarily exit Live Viewshooting and allow the camera to cool down before shooting again. The red icon indicates that the Live View shooting will soon stopautomatically. If this happens, you will not be able to shoot again until thecamera's internal temperature decreases. Exit the Live View shooting orturn off the power and
let the camera rest for a while. Using Live View shooting at a high temperature for a prolonged periodwill cause the or icon to appear earlier. When you are notshooting, always turn off the camera's internal temperature is high, the quality of images shotwith high ISO speed or long exposure may deteriorate even before thewhite icon is
displayed. Shooting Results If you take the picture in magnified view, the exposure may not come outas desired. Return to the normal view before taking the picture in magnified view, the image area forthe normal veiw will be captured. If you use
a TS-E lens and shift or tilt the lens or use an Extension Tube, the standard exposure may not be obtained or the exposure may beirregular. 155Page 156General Live View Image under low- or bright-light conditions, the Live View Image under low- or bright-light conditions, the Live View Image under low- or bright-light conditions.
noise may be noticeable in the displayedLive View image under low light. However, when you shoot, the image enality of the Live View image changes, the screenmay flicker. If this happens, exit Live View shooting
and resume LiveView shooting under the actual light source. If you point the camera in a different direction, it may throw off the LiveView image's correct brightness momentarily. Wait until the bright area mayappear black on the LCD monitor. However,
the actual captured image will correctly show the bright area. In low light, if you set the [52: LCD brightness] to a bright setting, noiseor irregular colors may appear in the Live View image. However, thenoise or irregular colors may appear in the Live View image.
than in the actual image. Custom Functions During Live View shooting, some Custom Function settings will not takeeffect (p.257). Lens and Flash During Live View shooting, focus preset for (super) telephoto lensescannot be used. FE lock will not takeeffect (p.257). Lens and Flash During Live View shooting, focus preset for (super) telephoto lensescannot be used. FE lock will not takeeffect (p.257). Lens and Flash During Live View shooting, focus preset for (super) telephoto lensescannot be used. FE lock will not work when the built-in flash or an external Speedlite issued. Modeling flash also will not work if an external Speedlite issued.
external Speedlite is used.156Page 1576Shooting MoviesMovie shooting is enabled bysetting the Mode Dial to .The movie recording format willbe MOV. For cards that can record movies, see page 5.Full HD 1080Full H
MoviesConnecting the camera to a TV set is recommended to play back themovies shot (p.224). Autoexposure Shooting 1 movie, focus with F or manual focus (p.146-154). When you press the shutter
buttonhalfway, the camera will focus withthe current AF method.the movie. 3 Shoot Press the buttonagain. While the movie is being shot, the [o]mark will be displayed on the upperright of the screen. Sound will be recorded by the built-inmicrophone. Built-in
microphoneCheck the recorded sound on a TV set or computer. The camera is notequipped with a speaker.158Page 159k Shooting Cautions onpages 155-156. The ISO speed (ISO 100 - ISO 6400), shutter speed, and aperture areset
automatically. You can press the button (p.118) to lock the exposure (AE lock). The exposure setting will be displayed for the number of seconds setwith [k2: Metering timer]. After applying AE lock during movieshooting, you can cancel it by pressing the button. (AE lock setting will be displayed for the number of seconds setwith [k2: Metering timer].
turning the dial, you canset the exposure compensation. Due to the LCD monitor's characteristics, the brightness may look different depending on the angleat which you look at the LCD monitor with the histogram (p.232). If you
shoot a movie with autoexposure, the ISO speed, shutter speed, and aperture will not be recorded in the movie's Exif information. With autoexposure movie shooting, the camera will automatically turn on the Speedlite's LED light under low-light conditions. For details, refer to the Instruction Manual of the EX-series Speedlite equipped with an
LEDlight.159Page 160k Shooting MoviesManual Exposure ShootingYou can manually set the shutter speed, aperture, and ISO speed formovie shooting. Using manual exposure to shoot movies is foradvanced users.1Set the Mode Dial to . The reflex mirror will make a sound, then the image will appear on the LCD monitor. [Movie exposure]. 2 Select
Press the button and underthe [k1] tab, select [Manual]. Select Select [Manual]. Select Select [Manual]. The settable shutter speed and aperture to the movieshooting screen. + the shutter speed and aperture to the movieshooting screen. + the shutter speed and aperture to the movieshooting screen. + the shutter speed and aperture to the movieshooting screen. + the shutter speed and aperture to the movieshooting screen. + the shutter speed and aperture to the movieshooting screen. + the shutter speed and aperture to the movieshooting screen. + the shutter speed and aperture to the movieshooting screen. + the shutter speed and aperture to the movieshooting screen. + the shutter speed and aperture to the shutter speed and aperture to the movieshooting screen. + the shutter speed and aperture to the shutter speed and approximate to 
1/4000 sec. - 1/30 sec. •87: 1/4000 sec. - 1/60 sec. To set the aperture, hold down the button and turn the dial to set the function. For details on the ISO speed, see thenext page.160Page 161k Shooting Moviesand shoot the movie.6 Focus
The procedure is the same as steps 2 and 3 for "Autoexposure Shooting" (p.158). ISO Speed During Manual Exposure Shooting With [Auto], the ISO speed manually within ISO 100 - ISO 6400 inwhole-stop increments. If [k1: k Highlight tone priority] is set to [Enable], the
ISOspeed will be ISO 200 - ISO 6400. AE lock and exposure compensation cannot be set. Changing the shutter speed or aperture during movie shooting is notrecommended since the changes in the exposure will be recorded. With
ISO Auto, the movie shooting can record a suitable exposure evenwhen the ambient brightness changes. By pressing the button, you can display the histogram. When shooting a movie of a moving subject, a shutter speed of 1/30 sec. to 1/125 sec. is recommended. The faster the shutter speed, the lesssmooth the subject's movement will look. 161Page
162k Shooting MoviesInformation Display Each time you press the button, the information display willchange. FlexiZone - Single c: u Live mode f: Quick mode)Recording movieWhite
balanceMagnifyingframeTemperaturewarningAuto LightingOptimizerMovie recordingsizeSound recordingsettingN: ManualQ: DisableVideo snapshotAE lockBattery levelLED lightFrame rateExposure modeL: AutoexposureK: ManualexposureShutter speedHighlight tone priorityApertureExposure level indicatorISO speedEye-Fi card transmission
status Video snapshot shooting time If there is no card in the camera, the movie shooting remaining time will be displayed in red. When movie shooting Movies Notes for Movie Shooting Do not allow the product to maintain contact with the same area
camera toward an intense light source, such as the sunor an intense artificial light source, such as the sunor an intense artificial light source, such as the sunor an intense artificial light source, such as the sunor an intense artificial light source, such as the sunor an intense artificial light source, such as the sunor an intense artificial light source, such as the sunor an intense artificial light source, such as the sunor an intense artificial light source, such as the sunor an intense artificial light source, such as the sunor an intense artificial light source.
occur. Focus may become far off momentarily. The brightness of the recorded movie may change duringmovie shooting, the white balance may also change. If you shoot a movie under fluorescent or
LED lighting, the movie mayflicker. Shooting a few test movies is recommended where you will performzooming during movie shooting. Zooming during movie shooting, you cannot magnify the image even if you
pressthe button. If you connect or disconnect the HDMI cable during movie shooting will end. Be careful not to cover the built-in microphone (p.158) with your finger, etc. General Movie Shooting Cautions are on pages 155-156.163Page 164k Shooting
Movies Movie-related settings are under the [k1], [k2], and [k3] tabs(p.174). A movie file is recorded by the camera's built-in microphone (p.158). With a fully-charged Battery Pack LP-E10, the total
 time available formovie shooting is as follows: approx. 1 hr. 15 min. at room temperature (23°C/73°F), and approx. 1 hr. 10 min. at low temperatures (0°C/32°F). During movie shooting, focus preset for (super) telephoto lenses cannot be used. Final Image Simulation Final Image simulation is a function that shows the movie as it will lookwith the current
settings for Picture Style, white balance and othershooting functions applied. During movie shooting, the image displayed will automatically show theeffects of the settings such as sharpness, contrast, color saturation, and color tone willbe reflected. White
balance Exposure Depth of field Auto Lighting Optimizer Peripheral illumination correction Highlight tone priority Still photos, turn the Mode Dial to change the shooting mode. To shoot still photo shooting is not possible in movie shooting mode. To shoot still photo shooting are to movie shooting are to movie shooting are to movie shooting are to movie shooting mode.
explained here.Q Quick Controllf you press the button while the image is displayed on the LCDmonitor, you can set any of the following: AF method, White balance, Picture Style, Auto Lighting Optimizer, Movie-recording size, and Videosnapshot. Press the button (7). The settable functions will be displayed. If the AF method is, the AF point will also be
displayed. You can lso select the AF point (p.152).1a function and set it.2 Select Press the keys or turn the dial to set the function. The settings of the selected function setting screen. To set Auto white balance, select[Q], press, then
press the button.the setting. Exit Press the button to return tomovie shooting. For manual exposures, ISO speed can also be set (p.160).165Page 1663 Setting the Movie Recording SizeThe menu option [k2: Movie rec. size]enables you to select the movie's imagesize [****x*****] and frame rate [9](frames recorded per second). The 9(frame rate)
switches automatically depending on the [k2: Video system] setting. Image Size[1920x1080] (A): Full High-Definition (Full HD) recording quality. Theaspect ratio is 16:9.[1280x720] (B): High-Definition (Full HD) recording quality. Theaspect ratio is 16:9.[1280x720] (B): High-Definition (Full HD) recording quality. Theaspect ratio is 16:9.[1280x720] (B): High-Definition (Full HD) recording quality. Theaspect ratio is 16:9.[1280x720] (B): High-Definition (Full HD) recording quality. Theaspect ratio is 16:9.[1280x720] (B): High-Definition (Full HD) recording quality. Theaspect ratio is 16:9.[1280x720] (B): High-Definition (Full HD) recording quality. Theaspect ratio is 16:9.[1280x720] (B): High-Definition (Full HD) recording quality. Theaspect ratio is 16:9.[1280x720] (B): High-Definition (Full HD) recording quality. Theaspect ratio is 16:9.[1280x720] (B): High-Definition (Full HD) recording quality. Theaspect ratio is 16:9.[1280x720] (B): High-Definition (Full HD) recording quality. Theaspect ratio is 16:9.[1280x720] (B): High-Definition (Full HD) recording quality. Theaspect ratio is 16:9.[1280x720] (B): High-Definition (Full HD) recording quality. Theaspect ratio is 16:9.[1280x720] (B): High-Definition (Full HD) recording quality. Theaspect ratio is 16:9.[1280x720] (B): High-Definition (Full HD) recording quality. The approximation (Full HD) recording quality. The ap
per second)6/8: For areas where the TV system is NTSC (North America, Japan, South Korea, Mexico, etc.).5/7: For areas where the TV system is PAL (Europe, Russia, China, Australia, India, etc.).4: Mainly for motion pictures.166Page 1673 Setting the Movie Recording SizeTotal Movie Recording Time and File Size Per MinuteMovie
recordingSizeTotal Recording Time on Card(Approx.)File Size4 GB16 GB64 GB11 min.44 min.2 hr. 59 min.340 MB/min.1 min.44 min.2 hr. 50 min. 11 hr. 20 min.90 MB/min.6 [1920x1080] 54[1280x720][640x480]876542 min. MB/min.1 min.44 min.2 hr. 59 min.340 MB/min.1 min.44 min.2 hr. 50 min. 11 hr. 20 min.90 MB/min.1 min.44 min.2 hr. 50 min. 11 hr. 20 min.90 MB/min.6 [1920x1080] 54[1280x720][640x480]876542 min. MB/min.1 min.44 min.2 hr. 50 min. 11 hr. 20 min.90 MB/min.6 [1920x1080] 54[1280x720][640x480]876542 min. MB/min.1 min.44 min.2 hr. 50 min. 11 hr. 20 min.90 MB/min.6 [1920x1080] 54[1280x720][640x480]876542 min. MB/min.6 [1920x1080] 54[1280x720][640x480] 54[1280x720][640x480] 54[1280x720][640x480] 54[1280x720][640x480] 54[1280x720][640x480] 54[1280x720][640x480] 54[1280x720][640x480] 54[1280x720][640x480] 54[1280x720][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x480][640x48
size of a single movie clip reaches 4 GB. You can start shooting amovie again by pressing the button. (The movie will berecorded as a new movie file.) Movie Shooting time reaches 29 min. 59 sec., the movie shooting will stop automatically. You can start
shooting a movie again bypressing the button. (The movie will be recorded as a newmovie file.) An increase of the camera's internal temperature may cause movie shooting Video SnapshotsYou can shoot a series of short movie clips lasting approx. 2
sec., 4sec., or 8 sec. called video snapshots. The video snapshot album. Youcan thereby show quick highlights of a trip or event. Video snapshot album. Youcan thereby show quick highlights of a trip or event. Video snapshot album. Youcan thereby show quick highlights of a trip or event. Video snapshot album. Youcan thereby show quick highlights of a trip or event. Video snapshot album. Youcan thereby show quick highlights of a trip or event. Video snapshot album. Youcan thereby show quick highlights of a trip or event. Video snapshot album.
[Video snapshot]. Under the [k2] tab, select [Videosnapshot], then press . Press the button to exit themenu, and return to the movieshooting time for one videosnapshot, then press . Press the button to exit themenu, and return to the movieshooting time for one videosnapshot.
Shoot Press the < > button, then shoot. AShooting duration The blue bar indicating the shooting duration will gradually decrease. Afterthe set shooting duration the shooting duration the blue bar indicating the shooting duration will gradually decrease. Afterthe set shooting duration the shooting duration will gradually decrease. Afterthe set shooting duration the shooting duration will gradually decrease. Afterthe set shooting duration the shooting duration the shooting duration will gradually decrease. Afterthe set shooting duration the shoot in gradually decrease. After the set shooting duration will gradually decrease. After the set shooting duration the shoot in gradually decrease. After the set shoot in gradually decrease in gradually decrease in gradually decrease. After the set shoot in gradually decrease in graduall
thevideo snapshot album's first videosnapshot. Select [J Add to album], then press. To create another video snapshot shooting. Exit Set [Video snapshot. Select [W Save as a newalbum]. Repeat step 5 as necessary. The videosnapshot shooting. Select [J Add to album] then press. To create another videosnapshot shoot more videosnapshot. Select [J Add to album] then press. To create another videosnapshot shoot more videosnapshot shoot more videosnapshot. Select [J Add to album] then press. To create another videosnapshot shoot more videosnapshot shoot more videosnapshot shoot more videosnapshot. Select [J Add to album] then press. To create another videosnapshot shoot more videosnapshot more videosnapshot more videosn
to normal movieshooting, be sure to set [Disable]. Press the button to exit themenu, and return to the normal movieshooting. Shooting Video SnapshotsOptions in Steps 4 and 5Function Shooting Video SnapshotsOption Shooting Video SnapshotsOptions in Steps 4 and 5Function Shooting Video SnapshotsOption Shooting
snapshot just recorded will be added to the album recorded immediately before. A new video snapshot album is created and the W Save as a new album movie clip is saved as the first video snapshot. Select (Step 5)[OK] on the confirmation dialog. The new album movie clip is saved as the first video snapshot album. 1 Playback video snapshot The
video snapshot just recorded will be playedback. For playback operations, see the table below. (Step 4 and 5)r Do not save to album The video snapshot just recorded will be erased (Step 4) instead of being saved to the album. Select [OK] onr Delete without savingthe confirmation dialog. to album (Step 5) [Playback video snapshot]
Operations Function Playback Description 2 Exit The previous screen will reappear. 7 Play By pressing, you can play back or pause the videosnapshot recorded immediately before. 5 First frame Displays the first scene of the album's first video snapshot. Play By pressing, you can play back or pause the videosnapshot recorded immediately before. 5 First frame Displays the first video snapshot. Play By pressing, you can play back or pause the videosnapshot recorded immediately before. 5 First frame Displays the first video snapshot recorded immediately before. 5 First frame Displays the first videosnapshot recorded immediately before. 5 First frame Displays the first videosnapshot recorded immediately before. 5 First frame Displays the first videosnapshot recorded immediately before. 5 First frame Displays the first videosnapshot recorded immediately before. 5 First frame Displays the first videosnapshot recorded immediately before. 6 First frame Displays the first videosnapshot recorded immediately before. 7 First frame Displays the first videosnapshot recorded immediately before. 7 First frame Displays the first videosnapshot recorded immediately before. 7 First frame Displays the first videosnapshot recorded immediately before. 8 First frame Displays the first videosnapshot recorded immediately before. 8 First frame Displays the first videosnapshot recorded immediately before. 8 First frame Displays the first videosnapshot recorded immediately before. 9 First frame Displays the first videosnapshot recorded immediately before. 9 First frame Displays the first videosnapshot recorded immediately before. 9 First frame Displays the first videosnapshot recorded immediately before. 9 First frame Displays the first videosnapshot recorded immediately before. 9 First frame Displays the first videosnapshot recorded immediately before. 9 First frame Displays the first videosnapshot recorded immediately before. 9 First frame Displays the first videosnapshot recorded immediately before. 9 First frame Displays the first videos
frameEach time you press, the previous frame isdisplayed. If you hold down, it will fast forward the movie. O Skip forward the movie. O Skip forward the movie will play frame-byframe. If you hold down, it will fast forward the movie. O skip forward the movie will play frame-byframe.
 album's last video snapshot. Playback positionmm' ss"Playback time (minutes: seconds)* With [Skip backward] and [Skip forward], the skipping length corresponds to thenumber of seconds set under [Video Snapshots You can add to an
 album only video snapshots with the same duration(approx. 2 sec., 4 sec., or 8 sec. each). Note that if you do any of the following while shooting video snapshots. Changing the [Movie rec. size] (p.166). Changing the [Video snapshot]'s shooting time (p.168). Changing the [Sound rec.]
 setting from [Auto]/[Manual] to [Disable] or from [Disable] or from [Disable] to [Auto]/[Manual] (p.176). Opening the card slot/battery compartment cover. Updating the firmware. The sequence of snapshots in an album cannot be changed. Video snapshot is only
 approximate.Depending on the frame rate, the shooting duration displayed duringplayback may not be exact.171Page 1723 Shooting Video SnapshotsPlaying back the movie. Press the button to display animage.the album.2 Select In the single
image display, the[ts] icon displayed on the upperleft of the screen indicates a videosnapshot album. Press the keys to select [7] (Play), then press .172 Page 1733 Shooting Video SnapshotsBackground Music You can play background music when
you play back albums, normalmovies, and slide shows on a TV set or other device (p.172, 217). Toplay background music, you must first copy the background music, refer to the EOS Utility Instruction Manual. Music recorded on the memory card must
be used only for privateenjoyment. Do not violate the rights of the copyright holder.173Page 1743 Menu Function Settings went to [Manual] will enable you to manually set the ISO speed, shutter speed, and aperture for movie
shooting (p.160). AF methodThe AF methodThe AF methodThe AF methods are the same as described on pages 146-153. Youcan select [FlexiZone - Single], [u Live mode], or [Quick mode]. Note that continuous focusing on a moving subject is not possible. AF with shutter button during kWhen [Enable] is set, AF is possible during movie shooting. However, continuous focusing on a moving subject is not possible.
is not possible. If you autofocusduring movie shooting, the focus may be momentarily thrown off orthe exposure may be changed. The movie will also record the lensoperation sound. During movie shooting, if the AF method is set to [Quick mode], AFwill be executed in [FlexiZone - Single]. The settings under the [k1], [k2], and [k3] menu tabs will
takeeffect only in the mode. The [AF method] setting will also be applied to Live View shooting.174Page 1753 Menu Function assigned to the shutter button's halfway to execute AF.Press the
button for AE lock. AE lock/AF: Press the shutter button halfway for AE lock. For AF, press the button halfway, you can pausethe autofocus by holding down the
button. You can resumethe autofocus by letting go of the button. AE lock is not possible. AE/AF, no AE lock: Press the shutter button halfway for metering. For AF, press the button. AE lock is not possible. AE/AF, no AE lock is not possible. AE/AF, no AE lock is not possible. AE/AF, no AE lock is not possible.
highlights. The gradation between the grays and highlights becomes smoother. The settable ISO speed range will be ISO 200 - ISO 6400. The AutoLighting Optimizer will also be set automatically to [Disable] and cannot be changed. 175 Page 1763 Menu Function Settings [k2] Movie recording size You can set the movie recording size (image size and
frame rate). For details, see page 166. Sound recording Sound will be recorded by the built-inmonaural microphone cannot be used. Level meter[Sound rec.] and [Rec. level] options[Auto]: The sound-recording level is adjusted automatically. Auto level control will operate automatically inresponse to the sound level. [Manual]
For advanced users. You can adjust the soundrecording level to one of 64 levels. Select [Rec. level] and look at the level meter whilepressing the keys to adjust the soundrecording level. Look at the level meter whilepressing the keys to adjust the soundrecording level.
the sound will be distorted.[Disable]: Sound will not be recorded.176Page 1773 Menu Function Settings[Wind filter]When set to [Enable] will also reduce low bass sounds, so set this function to [Disable] when there is no wind. It will record a more natural sound than with
[Enable]. Sound is recorded at a sampling rate of 48 kHz/16-bit. Metering timerYou can change how long the exposure setting is displayed (AE locktime). Grid 2m], you can display grid lines. You cancheck horizontal or vertical tilt when shooting. Video snapshotYou can shoot video snapshots. For details, see page 168
Video systemSelect [NTSC] or [PAL] to suit your TV set's video system (p.166). The Metering timer and Grid display settings will also be reflected in LiveView shooting. (The Metering timer setting will take effect only in CreativeZone modes.)
set up to ±3 stops. Auto Lighting OptimizerThe Auto Lighting Optimizer can be set as explained on page 121. If the [k1] menu tab's [kHighlight tone priority] is set to [Enable], the Auto Lighting Optimizer will be set automatically to [Disable] and cannot be changed. Custom White BalanceAs explained on page 131, the image for custom white balance
canbe selected. Picture StyleThe Picture StyleThe Picture Style can be set as explained on page 93.178Page 179General Movie Shooting CautionsRed Internal Temperature warning Icon If the camera's internal temperature warning Icon If the camera's internal temperature increases due to prolonged movieshooting or under a high ambient temperature, a red icon willappear. The red icon indicates that movie
shooting will soon be terminatedautomatically. If this happens, you will not be able to shoot again until thecamera's internal temperature decreases. Turn off the power and let thecamera rest for a while. Shooting a movie at a high temperature decreases. Turn off the
camera. Recording and Image Quality If the attached lens has an Image Stabilizer consumes battery power and may shorten the total movieshooting time. If you use a tripod or if the
 Image Stabilizer is notnecessary, it is recommended to set the IS switch to . The camera's built-in microphone will also record the operation soundand mechanical sound of the camera during shooting. If the brightness changes during autoexposure. In
there is a very bright light source in the image, the bright area mayappear black on the LCD monitor. The movie will be recorded almost exactly as it appears on the LCD monitor. 179Page 180General Movie
Shooting CautionsRecording and Image Quality If you use a card with a slow writing speed, a five-levelindicator may appear on the right of the screen during movieshooting. It indicates how much data has not yet beenwritten to the card (remaining capacity of the internal buffermemory). The slower the card, the faster the indicator willclimb upward
If the indicator becomes full, movie shootingwill stop automatically. Indicator If the card has a fast writing speed, the indicator will eithernot appear or the level (if displayed) will hardly go upward. First, shoot a few test movies to see if the card can write fast enough. Playback and TV Connection If you connect the camera to a TV set with an HDMI
cable (p.224) and shoot a movie at [1920x1080] or [1280x720], the movie being shot will be displayed in a small size on the TV set. The movie will still be ecorded in the movie-recording size that was set. If you connect the camera to a TV set (p.224) and shoot a movie, the TV set will not output any sound during the shooting. However, the soundwill be
properly recorded.180Page 1817Handy FeaturesDisabling the Beeper (p.182)Setting the ECD Monitor Brightness (p.183)Adjusting the LCD Monitor Brightness (p.184)File Numbering Methods (p.186)Setting Copyright Information (p.188)Auto Rotation
of Vertical Images (p.190)Checking Camera Settings (p.191)Reverting the Shooting Settings (p.191)Reverting the Flash (p.195)Setting the Flash (p.1
BeeperYou can prevent the beeper from sounding when focus is achieved orduring self-timer operation. Under the [z1] tab, select [Beep], then press. Select [Disable], then press. Select [Disable], then press. Select [Disable] then press.
press .If there is no card inserted in the cameraand you press the shutter button, "Card"will be displayed in the viewfinder, andyou cannot release the shutter.3 Setting the Image Review TimeYou can set how long the image is displayed in the viewfinder, andyou cannot release the shutter.3 Setting the Image Review TimeYou can set how long the image is displayed in the viewfinder, and you press the shutter.3 Setting the Image Review TimeYou can set how long the image is displayed in the viewfinder, and you press the shutter.3 Setting the Image Review TimeYou can set how long the image is displayed in the viewfinder, and you press the shutter.3 Setting the Image Review TimeYou can set how long the image is displayed in the viewfinder, and you press the shutter.3 Setting the Image Review TimeYou can set how long the image is displayed in the viewfinder, and you press the shutter.3 Setting the Image Review TimeYou can set how long the image is displayed in the viewfinder, and you press the shutter.3 Setting the Image Review TimeYou can set how long the image Review Tim
shooting. If [Hold] is set, the image review will bedisplayed up until the [51: Auto power off] time has elapsed. During image review will end. Under the [z1] tab, select [Imagereview], then press . Select thedesired setting, then press . 182 Page 183 Handy
 Features3 Setting the Auto Power-off TimeTo save battery power, the camera turns off automatically after the settime of idle operation elapses. You can turn it onagain by pressing the shutter button, etc.If [Disable] is set, either turn off the camera or press the
 button to turn off the LCD monitor to save battery power. Even when [Disable] is set, if the camera is not used for 30 min., the LCD monitor will turn off automatically. To turn on the LCDmonitor again, press the button. Under the [51] tab, select [Auto poweroff], then press. Select the desired setting, then press. 3 Adjusting the LCD Monitor
 BrightnessYou can adjust the brightness of the LCD monitor to make it easier to view.Under the [52] tab, select
 image.To check the exposure of the captured images, referring to the histogram isrecommended (p.232).183Page 184Handy Features3 Creating and Selecting a Folder will be created automatically forsaving captured
 images.Creating a Folder1Select [Select folder]. Under the [51] tab, select [Selectfolder], then press. a new folder with the folder numberincreased by one is created.184Page 185Handy FeaturesSelecting a FolderLowest file numberNumber of
images in folder With the folder where the captured images will be recorded into the selected folder and press. The folder name starts with three digits(the folder number
followed by five alphanumeric characters. A folder cancontain up to 9999 images (file number 0001 - 9999). When a folderbecomes full, a new folder will be created automatically. Folders numbered from 100 to 999 canbe
created. Creating Folders with a ComputerWith the card open on the screen, create a new folder name must follow the format "100ABC D". The first three digits are the folder number, from 100 to 999. The last five characters
can be any combination of upper- and lower-caseletters from A to Z, numerals, and the underscore "_". The space cannot beused. Also note that two folder names cannot share the same three-digitfolder number (for example, "100ABC_D" and "100W XYZ"), even if the lastfive characters in each name are different.185Page 186Handy Features3 File
Numbering MethodsThe image files will be number of your computer in this format:IMG_0001.JPG.Under the [51] tab, select [Filenumbering], then press. Theavailable settings are described
below. Select the option, then press. [Continuous]: The file numbering continues in sequence even after you replace the card or create a folder. Even after you replace the card or create a new folder, the file numbering continues in sequence even after you replace the card or create a folder. Even after you replace the card or create a folder. Even after you replace the card or create a folder. Even after you replace the card or create a folder. Even after you replace the card or create a folder. Even after you replace the card or create a folder. Even after you replace the card or create a folder. Even after you replace the card or create a folder. Even after you replace the card or create a folder. Even after you replace the card or create a folder. Even after you replace the card or create a folder. Even after you replace the card or create a folder. Even after you replace the card or create a folder. Even after you replace the card or create a folder. Even after you replace the card or create a folder.
cards or in multiple folders into one folder on acomputer. If the replacement card or existing folder already contains images recorded previously, the file numbering of the numbering of the numbering, it is recommended that you use a
newly-formatted card each time. File numbering aftercreating a folderCard-1File numbering aftercreating a folderCard-110000510052 Next sequential file numbering a folderCard-110000510052 Next sequential file numbering aftercreating a folderCard-110000510052 Next sequential file numbering a folderCard-110000510052 Next sequential file numbering a folderCard-110000510052 Next sequential file numbering a folderCa
folder. If you want to save images with the file numbering aftercreating a folderCard-11000051000100511010001File numbering aftercreating to 0001 manually orto start from file
number 0001 in a new folder. When you reset the file numbering manually, a new folder is created automatically and the file numbering of images saved to that folders forthe images taken yesterday and the ones taken today. After themanual reset, the file numbering
returns to continuous or auto reset. (There will be no manual reset confirmation dialog.) If the file number in folder 999 reaches 9999, shooting will not be possibleeven if the card. Replace it with a new card. For both JPEG and RAW images, the file name
will start with "IMG_". Moviefile names will start with "MVI_". The extension will be ".JPG" for JPEGimages, and ".MOV" for movies.187Page 188Handy Features3 Setting Copyright information.1Select [Copyright information]. Under the copyright information, it will be appended to the image as Exif information will be ".JPG" for JPEGimages, and ".MOV" for movies.187Page 188Handy Features3 Setting Copyright information.1Select [Copyright information].
the [53] tab, select [Copyrightinformation], then press the option to be set.2 Select [Enter author's name] or [Enter copyright info.] tocheck the copyright information currently set. Select [Display copyright info.] tocheck the copyright info.]
set.text.3 Enter See "Text Entry Procedure" on thenext page and enter the copyrightinformation. Enter up to 63 alphanumericcharacters and symbols.the setting.4 Exit After entering the entry areaPress the button to togglebetween the top and bottoms.
entryareas. Moving the cursorPress the keys to movethe cursor. Entering textIn the bottom area, press the button to delete one character, then press to enter it. Deleting a characterPress the button to delete one character, then press to enter it. Deleting a characterPress the button to delete one character then press to enter it.
in step 2. Canceling the text entry to cancel the text entry, press the button to cancel it andreturn to the screen in step 2. You can also set or check the copyright information with EOS Utility (EOSsoftware, p.310).189Page 190Handy Features Auto Rotation of Vertical Images are rotated automatically so they are displayed vertically on
the camera's LCDmonitor and on the computer instead ofhorizontally. You can change the setting for this feature. Under the [51] tab, select [Auto rotate], then press. The available settings are described below. Select the desired setting for this feature. Under the [51] tab, select [Auto rotate], then press are described below. Select the desired setting for this feature. Under the [51] tab, select [Auto rotate], then press are described below. Select [Auto rotate], the press
and on the computer. [OnD]: The vertical image is not rotated only on thecomputer. [Off]: The vertical image is not automatically rotated during the image reviewimmediately after shooting. Press the button and the image playback will display therotated image. [OnzD] is set, but the image does not
 rotate during playback. Auto rotate will not work with vertical images captured while [Autorotate] was set to [Off]. If the vertical image is taken while the camerais pointed up or down, the image may not be rotated automatically forplayback. In such a case, see "Rotating the Image" on page 209. On the camera's LCD monitor. I want to rotate an
image captured when [OnD] had been set. Set [OnzD], then play back the image. It will be rotated. The vertical image does not rotate on the computer screen. The software instead. 190 Page 191 Handy Features B Checking Camera Settings While the menu is displayed, press the button to
display thecamera's major function settings. While the menu is displayed, pressthe button to display thesettings. Press the button again to return to the menu. Settings displayed, pressthe button to display these tings. Press the button again to return to the menu. Settings displayed, press the button again to return to the menu. Settings displayed, press the button again to return to the menu. Settings displayed, press the button again to return to the menu. Settings displayed, press the button again to return to the menu. Settings displayed, press the button again to return to the menu. Settings displayed, press the button again to return to the menu. Settings displayed, press the button again to return to the menu. Settings displayed, press the button again to return to the menu. Settings displayed, press the button again to return to the menu. Settings displayed, press the button again to return to the menu. Settings displayed, press the button again to return to the menu. Settings displayed, press the button again to return to the menu. Settings displayed, press the button again to return to the menu. Settings displayed, press the button again to return to the menu. Settings displayed, press the button again to return to the menu. Settings displayed, press the button again to return to the menu. Settings displayed, press the button again to return to the menu. Settings displayed, press the button again to return to the menu. Settings displayed, press the button again to return to the menu. Settings displayed, press the button again to return to the menu. Settings displayed, press the button again to return to the menu. Settings displayed, press the button again to return to the menu. Settings displayed, press displayed, pr
time (p.42)Beeper (p.182)Auto power off (p.183)191Page 192Handy Features Reverting the Camera to the Default Settings and menu settings and menu settings and menu settings and menu settings can bereverted to their defaults. This option is available in Creative Zonemodes.1Select [Clear settings]. Under the [53] tab, select [Clear settings], then press .[Clear settings].
all camera settings]. Select Select [Clear all camera settings], then press . Setting [Clear all camera settings] to clear all camera settings] to clear all camera settings] to clear all camera settings].
the Custom Function settings(p.256),192Page 193Handy FeaturesShooting Function SettingsAF operationOne-Shot AFImage guality73AF point selectionAutomaticselectionPicture StyleAutou (Singleshooting)StandardDrive/self-timerAuto LightingOptimizerMetering modeg
(Evaluative metering) Peripheral illumination correction Enable / 
exposurecompensation (Zero)Custom FunctionsUnchangedFile numberingContinuousDust Delete DataErased193Page 194Handy FeaturesCamera SettingsLive View Shooting EnableBeepEnableAF methodFlexiZone - SingleRelease shutterwithout cardEnableImage review2 sec. Histogram
displayBrightnessImage jump w/ 6e (10 images)Auto rotateOnzDLCD brightnessLCD off/on buttonShutter buttonDate/Time/ZoneUnchangedGrid displayHideAspect ratio3:2Metering timer8 sec. Movie Shooting SettingsMovie shooting mode AutoAF
methodFlexiZone - SingleAF with shutterbutton duringmovie recording Size 1920x1080Wi-Fi functionUnchangedMetering timer8 sec. My Menu settingsUnchangedGrid displayHideDisplay from
MyMenuDisableVideo snapshotDisableVideo systemUnchangedExposurecompensationCanceledAuto LightingOptimizerStandardCustom White Balance CanceledPicture StyleAutoFor Wi-Fi settings, refer to the Wireless Function Instruction Manual.194Page 195Handy Features3 Turning the LCD Monitor Off/OnYou can set the camera so that the
shooting function settings display(p.54) does not turn off and on as you press the shutter button halfway (or press the shutter button halfway, thedisplay will turn off. When you let
go of the shutterbutton, the display will turn on. [Shutter/DISP]: When you press the shutter button halfway, thedisplay will turn off. The display will turn off. The display will turn on. [Shutter/DISP]: When you press the shutter button halfway. To turn off the display, press the shutter button halfway. To turn off the display will turn off.
pressthe button.3 Changing the Shooting Settings Screen ColorYou can change the background color, then press . Select thedesired color the select the select
 FlashNThe built-in flash and external Speedlite settings can be set with thecamera's menu. You can use the externalSpeedlite function is attached. The setting procedure is the same as when setting a camera menufunction. Select [Flash control]. Under the
[z1] tab, select [Flashcontrol], then press. The flash control screen will appear. [Flash firing] is set to [Disable], if focus is difficult to achieve in lowlight, the
built-in flash may still fire a series of flashes (AF-assist beam, p.98).196Page 1973 Setting the FlashN[Built-in flash func. setting] with [Built-in flash func. setting] and [External flash func. setting] with [Built-in flash func. setting] and [External flash func. setting] with [Built-in flash func. setting] with [Built-in flash func. setting] and [External flash func. setting] with [Built-in flash func. setting] with [
the Speedlite model. Select [Built-in flash func. setting]or [External flash func. setting] and [External flash func. setting] Functions Functions func. setting] Functions func. setting]or [External flash func. setting] Functions will be displayed. The highlighted functions func. setting] Functions func. setting]or [External flash func. setting] Functions func. setting]or [External flash func.
synchronizationFEB*kE-TTL II (Fixed)198198k-Page-Flash exposure compensationk115E-TTL II flash meteringk198Zoom*-k-Wireless func.], refer to the Speedlite's instruction manual compatible with the function. Cautions for Radio Transmission Wireless Flash
Shooting • Radio transmission wireless flash shooting cannot be set with thecamera. Use the Speedlite to set the function. • Set flash sync speed to 1/100 or less. • High-speed synchronization is not possible. • Croup flash is not possible. • Croup
to set some of the functions of [Flashmode] and [Zoom], depending on the Speedlite model used. In such acase, use the functions.197Page 1983 Setting the FlashN Flash mode when using an external Speedlite to set the functions.197Page 1983 Setting the FlashN Flash model used. In such acase, use the Speedlite to set the functions.197Page 1983 Setting the FlashN Flash model used. In such acase, use the Speedlite to set the functions.197Page 1983 Setting the FlashN Flash model used. In such acase, use the Speedlite to set the functions.197Page 1983 Setting the FlashN Flash model used. In such acase, use the Speedlite to set the functions.197Page 1983 Setting the FlashN Flash model used. In such acase, use the Speedlite to set the functions.
for automaticflash shooting. [Manual flash] enables you to set the flash modes, refer to the instruction manual of a Speedlite compatible with the functions. Shutter synchronization manual of a Speedlite compatible with the functions. Shutter synchronization manual of a Speedlite compatible with the functions.
is set, the flash will fire right before the shuttercloses. When this is combined with a more natural feel. With E-TTL II (auto flash exposure), the flash will befired twice in a row: once when you press the shutter buttoncompletely and once right before the end of
the exposure. Also, if the shutter speed is 1/30 sec. or faster, first-curtain synchronization manual. Flash exposure compensation seed [Hi-speed](e). For details, refer to the Speedlite's instruction manual. Flash exposure compensation manual. Flash exposure compensation for details, refer to the Speedlite's instruction manual.
meteringFor normal flash exposures, set it to [Evaluative]. [Average] is foradvanced users. As with an external Speedlite, the metering isaveraged for the entire area. Depending on the scene, flash settingsWith the [External flash func. setting] screen, press the
button to display the screen to clear the flash settings. When youselect [OK], the settings for the built-in flash and external Speedlite will be cleared. Setting the External Speedlite model. Display the Custom Functions. Select [External flash C.Fn setting] and the Speedlite model. Display the Speedlite
flash C.Fn setting], then press .the Custom Function. 2 Set Press the keys to select [Clear ext. flash C.Fnset.] in step 1.199Page 2003 Appending Dust Delete DataNDust entering the
camera can adhere to the image sensor and causedust spots to be visible on the captured images. To erase these dustspots, you can append the Dust Delete Data to the images. The DustDelete Data is used by Digital Photo Professional (EOS software, p.310) to erase the dust spots automatically. Preparation Prepare a solid white object such as a sheet
of paper. Set the lens focal length to 50 mm or longer. Set the lens's focus mode switch to and set the focus toinfinity (u). If the lens has no distance scale, rotate the camera toface toward you and turn the focusing ring clockwise all the way. Obtaining the Dust Delete Data 1 Select [Dust Delete Data 2] tab, select [Dust Delete Data 3], then
press .[OK].2 Select Select [OK], then press .Instructions will appear.200Page 2013 Appending Dust Delete DataNa solid-white object and take a picture. The picture will be taken in aperture priority AE mode at an aperture off/22. Since the
image will not be saved, thedata can still be obtained even if thereis no card in the camera. When the picture is taken, the camerawill start collecting the Dust Delete Data is not obtained successfully, an error message will appear.
Follow the "Preparation" procedure on the preceding page, then select [OK]. Take the picture again. Dust Delete Data is obtained, it is appended to update the Dust Delete Data by obtaining it again. For details about using Digital
Photo Professional (EOS software, p.310) to erase dust spots, refer to the Digital Photo ProfessionalInstruction Manual. The Dust Delete Data appended to the image is so small that it hardly affects the image file size. Be sure to use a solid-white object such as a new sheet of white paper. If the object has any pattern or design, it may be recognized as
dust data and affect the accuracy of the dust deletion with Digital Photo Professional (EOSsoftware), 201 Page 2023 Manual Sensor Cleaning NIf dust adheres to the image sensor yourself with a commercially available camera blower. Before cleaning the sensor, detach the lens from
the camera. The image sensor is extremely delicate. If the sensor needs to becleaned directly, having it done by a Canon Service Center isrecommended. Select [Ok], then press. In a moment, the reflex mirror will lockup and the shutter will open. Clean
the sensor the cleaning 4 End Turn off the power. Make sure to use a fully-charged battery 202Page 2033 Manual Sensor Cleaning the sensor, never do any of the following. If the power is cut off, the shutter will close and the shutter will be sh
compartment cover. The surface of the image sensor is extremely delicate. Clean the sensorwith care. Use a plain blower tip inside the camera beyond the lens mount. If the power is turned off, the shutter will close and the shutter curtains orreflex mirror may get
damaged. Never use pressurized air or gas to clean the sensor. Pressurized airmay damage the sensor, and sprayed gas may freeze on the sensor andscratch it. If the battery level becomes low while cleaning the sensor, the beeperwill sound as a warning. Stop cleaning the sensor. If a smudge that cannot be removed with a blower remains, having
thesensor cleaned by a Canon Service Center is recommended.203Page 204204Page 2058Image PlaybackThis chapter explains functions related to viewingphotos and movies, with more advanced uses than inChapter 2 "Basic Shooting and Image Playback". Hereyou will find explanations of how to play back and erasephotos and movies with the
camera and view them on aTV set. Images shot and saved with another device The camera may not be able to properly display images captured with a different camera, edited with a computer, or that have had their file names changed 205Page 206x Searching for Images QuicklyH Displaying Multiple Images on One Screen (Index Display) Search for
images quickly with the index display showing four or nineimages on one screen. 1 Play back the image captured will be displayed. to the index display each to the index display showing four or nineimages on one screen. 1 Play back the image captured will be displayed. The selected image index displayed index disp
the 9-image display. Pressing the button will switchthe display between nine images, fourimages and one image displayed.an image. Select Press the cross keys to movethe orange frame to select an image in the single-image
display.206Page 207x Searching for Images Quickly Jumping through Images (Jump Display) In the single-image display, you can turn the dial to jump method. Select Press the cross
keys to select by jump method, then press .d: Display movies onlyj: Display by images one by onee: Jump 10 imagesg: Display by dateh: Display by folderi: Display by folderi: Display by image rating (p.210) Turn the dial to select. Display by folderi: Display by images one by onee: Jump 10 imagesg: Display by dateh: Display by images one by onee: Jump 10 imagesg: Display by images one by onee: Jump 10 imagesg: Display by images one by onee: Jump 10 imagesg: Display by images one by onee: Jump 10 imagesg: Display by images one by onee: Jump 10 imagesg: Display by images one by onee: Jump 10 imagesg: Display by images one by onee: Jump 10 imagesg: Display by images one by onee: Jump 10 imagesg: Display by images one by onee: Jump 10 imagesg: Display by images one by onee: Jump 10 imagesg: Display by images one by onee: Jump 10 imagesg: Display by images one by onee: Jump 10 imagesg: Display by images one by onee: Jump 10 imagesg: Display by images one by onee: Jump 10 imagesg: Display by images one by onee: Jump 10 imagesg: Display by images one by onee: Jump 10 imagesg: Display by images one by onee: Jump 10 imagesg: Display by images one by onee: Jump 10 imagesg: Display by images one by onee: Jump 10 imagesg: Display by images one by onee: Jump 10 imagesg: Display by imagesg: Display b
image display, turn the dial. You can browse images by folder, select [Polder]. If the card contains both movies and still photos, select [Movies] or [Stills] to display only one or the other. If no images match the selected [Rating], you cannot browse through
theimages with the dial, 207Page 208u/y Magnified ViewYou can magnify a captured image by approx. 1.5x to 10x on the LCD monitor. 1Magnify the image will be magnified until itreaches the maximum magnification. Press the button to
reduce the magnification. If you hold downthe button, the magnified in the direction of the cross keys pressed. To exit magnified view, press the button and the single-image display will reappear. In magnified view,
you can turn the dial to view another image at the same magnification. The image cannot be magnified during the image review immediatelyafter shooting. A movie cannot be magnified during the image review immediatelyafter shooting. A movie cannot be magnified during the image review immediatelyafter shooting. A movie cannot be magnified during the image review immediatelyafter shooting.
press .an image.2 Select Press the keys to select the image in theindex display (p.206). the image in theindex display (p.206). To rotate another image, repeat steps2 and 3. To exit and return to the menu, pressthe button. If you set [51: Auto rotate]
to [OnzD] (p.190) before taking verticalshots, you need not rotate the image as described above. If the rotated image is not displayed in the rotated orientation duringimage playback, set [51: Auto rotate] to [OnzD]. A movie cannot be rotated orientation duringimage playback, set [51: Auto rotated image is not displayed in the rotated orientation duringimage playback, set [51: Auto rotated image is not displayed in the rotated orientation duringimage playback, set [51: Auto rotated image is not displayed in the rotated orientation duringimage playback, set [51: Auto rotated image is not displayed in the rotated orientation duringimage playback, set [51: Auto rotated image is not displayed in the rotated orientation duringimage playback, set [51: Auto rotated image is not displayed in the rotated orientation duringimage playback, set [51: Auto rotated image is not displayed in the rotated image is not displayed in the rotated orientation duringimage playback, set [51: Auto rotated image is not displayed in the rotated image.
l/m/n/o/p. This function is called rating.1 Select [Rating]. Under the [x2] tab, select [Rating], then press an image.2 Select Press the keys to select astill photo or movie to be rated. By pressing the button, you can select images from a three-imagedisplay. To return to the single-imagedisplay, press the button, the image.3 Rate Press the keys to select
arating. When you select a rating for theimage, the number beside the setrating will increase by one. To rate another image, repeat steps 2 and 3. To return to the menu, press the button. 210 Page 2113 Setting Ratings total of up to 999 images of a given rating can be displayed. If there are more than 999 images with a given rating, [###] will be
```

```
displayed. Taking Advantage of Ratings With [x2: Image jump w/6], you can display only images having thespecified rating. With [x2: Image jump w/6], you can display or in the provided image viewer (JPEGimages
only).211Page 212Q Quick Control for PlaybackDuring playback, you can press the button to set any of thefollowing: [J: Protect images], [9: Rating], [U: Creative filters], [S: Resize (JPEG images only)], and [e: Imagejump w/6]. For movies, only the functions in bold above can be set.1Press the button. During image playback, press the
button. The Quick Control options willappear.a function are displayed at thebottom of the screen. Set it by pressing the keys to select afunction. The name and current setting of theselected function are displayed at thebottom of the screen. Set it by pressing the keys. For Creative filters and Resize, press and set the function are displayed at thebottom of the screen. Set it by pressing the keys to select afunction are displayed at the function are d
Resize. Tocancel, press the button.the setting. Exit Press the < > button to exit theQQuick Control.212Page 213Q Quick Control for PlaybackTo rotate image, set [51: Auto rotate] to [OnD] or [Off], the [b Rotate image, set [51: Auto rotate] to [OnD] or [Off], the [b Rotate image] setting will be recorded to the image, but the camera will not rotate the image for display.
Pressing the button during the index display will switch to thesingle-image display and the Quick Control icons will appear. Pressingthe button again will return to the index display. For images taken with another camera, the options you can select maybe restricted.213Page 214k Enjoying MoviesYou can play back movies in the following three
ways:Playback on a TV Set(p.224)An HDMI cable (sold separately) isnecessary to connect the camera to aTV set and still photos on the TVset. If you have a High-Definition TV set and connect your camera with an
HDMIcable, you can watch Full High-Definition (Full HD: 1920x1080) and HighDefinition (HD: 1280x720) movies withhigher image quality. The camera does not have an audio/video OUT terminal. Therefore, thecamera cannot be connected to a TV set with an analog AV cable. Even if the camera is connected to a hard disk recorder with a USBcable
movies and still photos cannot be played back or saved. If the playback device is not compatible with MOV files, the movie cannot be played back.214Page 215k Enjoying MoviesPlayback on the Camera's LCD Monitor(p.216-223)You can play back movies on thecamera's LCD monitor. You can also editout the movie's first and last scenes, and play back movies on the Camera's LCD monitor.
the still photos and movies onthe card in an automatic slide show. A movie edited with a computer cannot be rewritten to the card or playedback with the camera. Playback and Editing with a Computer To play back or edit a movie, use preinstalled or general-purpose software, compatible with the movie's recording format. If you want to use
commercially-available software to play back or edit themovies, be sure it is compatible with MOV-format movies. For details oncommercially-available software, contact the software manufacturer.215Page 216k Playing Back Movies1Play back the image. Press the button to display animage a movie. Select Press the keys to select amovie. In the
single-image display, the icon displayed on the upper left of the screen indicates amovie. If the movie is a videosnapshot, [ts] will be displayed. In the index display, press to switch to the single-image display, the single-image display, press to switch to the single-image display.
press3 In. The movie playback panel will appearat the bottom of the screen.back the movie will start playing back. You can pause the movie shot with another camera. The movie will start playing back panel will appearat the bottom of the screen.back the movie shot with another camera.
Check the recorded sound on a TV set or computer. The camera is notequipped with a speaker.216Page 217k Playing Back MoviesMovie Playback PanelOperationPlayback Description ExitReturns to the single-image display. The slow motion speed by pressing the keys. The slow
motion speed is indicated on theupper right of the screen. First frameDisplays the movie's first frameEach time you press, the movie will play frameby-frame. If you hold down, it will fast forward themovie. Last
frameDisplays the movie's last frame.X EditDisplays the editing screen (p.218).v Background music(p.223).Playback time (minutes:seconds)* When background music is set for playback on a TV set or other device, thesound recorded in the movie will not be played back
With a fully-charged Battery Pack LP-E10, the continuous playback timeat room temperature (23°C / 73°F) will be as follows: Approx. 2 hr. 20 min. During the single-image display, you can press the button tochange the display format (p.231). If you connect the camera to a TV set (p.224) to play back a movie, adjust the sound volume with the TV
set.217Page 218X Editing a Movie's First and Last ScenesYou can edit out the first and last scenes of a movie in approx. 1-sec.increments.10n the movie playback screen, select [X]. The editing screen will be displayed.the part to be edited out.2 Specify Select either [ ] (Cut beginning) or U[V] (Cut end), then press the keys to see the previous or set.217Page 218X Editing a Movie's First and Last ScenesYou can edit out the first and last scenes of a movie in approx. 1-sec.increments.10n the movie playback screen, select [X].
next frames. Holdingdown the key will fast forward or fastrewind the frames. After deciding which part to edit out, press to play7back the edited movie. To change the editing, go back to step2. To cancel the editing, select [2], then press to play7back the edited movie.
Select [OK] on the confirmation dialog, then press .218Page 219X Editing a Movie's First and Last Scenesthe edited movie. Save it and overwrite movie file, select[Overwrite], then press . On the confirmation dialog, select[OK], then
press to save theedited movie and return to the movieplayback screen. Since the editing is performed in approx. 1-sec. increments (position where themovie is edited may differ from the position you specified. If the card does not have enough free space, [New file] will not beavailable. When
the battery level is low, movie editing is not possible. Use a fullycharged battery. Movies shot with another camera cannot be edited with this camera. 219Page 2203 Slide Show (Auto Playback) You can play back the images on the card as an automatic slide show. 1Number of images to beplayed backSelect [Slide show]. Under the [x2] tab, select
[Slideshow], then press .the images to be played Selectback. Press the keys to selectone of the following: [jAll images/Movies] [zStills]. Then press .the keys to selectone of the following: [iDate][nFolder] [9Rating]. When is highlighted, press the
button. Press the keys to select anoption, then press .[Date]220[Folder][Rating]Page 2213 Slide Show (Auto Playback)ItemPlayback DescriptionjAll imagesAll the still photos and movies on the card will be playedback.iDateStill photos and movies on the selected shooting datewill be played back.nFolderStill photos and movies in the selected
folder will be playedback.kMoviesOnly the movies on the card will be played back.[Set up] as desired.3 Configure Press the keys to select[Set up], then press. Set the [Display time], [Repeat](repeated playback),
[Transitioneffect] (effect when changingimages), and [Background music] for the still photos. The background music selection for the still photos. The background music] the slide show. Start Press the keys to
select[Start], then press . After [Loading image...] is displayed, the slide show will start. the slide show, press . During pause, [G] will be displayed on the upper left of the image. Press again to resume the slide show, puring auto playback, you can
press the button to change thestill photo display format (p.82). During auto playback or pause, you can press the keys toview another image. To view the slide show on a TV set, see page 224.222Page 2233 Slide Show (Auto Playback)Selecting
the Background MusicIf you copy a background music to the card using the EOS Utility (EOSsoftware), you can play back the slide show on a TV set or other devicewhile playing the background music. Set [Background music] to [On], then press. If the card has no background music to the card using the background music to the card using the background music.
background music. 2 Select Press the keys to selectthe desired background music, then press the button. At the time of purchase, the camera does not have background music. The procedure to copy background
music to a card is explained in the EOS Utility Instruction Manual. If the camera is connected to a TV set with an HDMI cable, afterselecting the background music in step 2, press the button to listen to a sample. Press the button to listen to a sample. Press the button to listen to a sample and the background music in step 2, press the button to listen to a sample. Press the button to listen to a sample and the background music in step 2, press the button to listen to a sample and the background music in step 2.
a TV SetYou can play back still photos and movies on a TV set. An HDMI cable(sold separately) is necessary to connect the camera to a TV set is required. If [53: Wi-Fi] is set to [Enable], then reconnect the camera to the TV set withan HDMI
cable.1Connect the HDMI cable to the camera, insert itinto the terminal.the HDMI cable to the TVset's HDMI IN port.on the TV set and switch the3 TurnTV set's video input to select theconnected port.4 Turn on the camera power.224Page 225Viewing
Images on a TV Setthe button. 5 Press The image will appear on the TV screen. (Nothing will be displayed onthe camera's LCD monitor.) The images will automatically bedisplayed at the optimum resolution fthe TV set. By pressing the button, you can change the displayed at the optimum resolution fthe TV set. By pressing the button.
TV set. The sound volume cannotbe adjusted with the camera and TV set, part of the image displayed may be cut off. Do not connect any other device's output to the camera's terminal. Doing so may cause a malfunction. Certain
TV sets may not be able to play back the captured images.225Page 226K Protecting ImagesYou can set protections to prevent the precious images]. Under the [x1] tab, select [Protect images], then press. The protect setting screen willappear.[Select images]. Select
Select [Select images], then press. An image will be displayed. Image protected, the image protect another image, repeat step3. To
return to the menu, press the button. Page 227K Protecting Images in a Folder or on a CardYou can protect all the images in folder] or (All images in folder) or on a CardYou can protect all the images in folder or on a CardYou can protect all the images in folder] or (All images in folder) or on a CardYou can protect all the images in folder or on a CardYou can protect all the images in folder or on a CardYou can protect all the images in folder or on a CardYou can protect all the images in folder] or on a CardYou can protect all the images in folder or on a CardYou can protect all the images in folder] or on a CardYou can protect all the images in folder] or on a CardYou can protect all the images in folder] or on a CardYou can protect all the images in folder] or on a CardYou can protect all the images in folder] or on a CardYou can protect all the images in folder] or on a CardYou can protect all the images in folder] or on a CardYou can protect all the images in folder] or on a CardYou can protect all the images in folder] or on a CardYou can protect all the images in folder] or on a CardYou can protect all the images in folder] or on a CardYou can protect all the images in folder] or on a CardYou can protect all the images in folder] or on a CardYou can protect all the images in folder] or on a CardYou can protect all the images in folder] or on a CardYou can protect all the images in folder] or on a CardYou can protect all the images in folder] or on a CardYou can protect all the images in folder] or on a CardYou can protect all the images in folder] or on a CardYou can protect all the images in folder] or on a CardYou can protect all the images in folder] or on a CardYou can protect all the images in folder] or on a CardYou can protect all the images in folder] or on a CardYou can protect all the images in folder] or on a CardYou can protect all the images in folder] or on a CardYou can protect all the images in folder] or on a CardYou can protect all the images in folder] or on a CardYou can protect all
protection, select[Unprotect all images in folder] or [Unprotect all images on card]. If you format the card (p.52), the protected image is protected image is protected image, you must first cancel the protection. If you erase all the
images (p.229), only the protected images willremain. This is convenient when you want to erase unnecessary images one by one orerase them in one batch. Protected images (p.226) will not be erased. Once an image is erased, it cannot be recovered. Make
sure you nolonger need the image before erasing it. To prevent imagesfrom being erased accidentally, protect them. Erasing a 1+73image will erase both the RAW and JPEG images. Erase Select [Erase], then press
Theimage displayed will be erased. 3 Checkmarking [X] Images to Be Erased in a BatchBy adding checkmarks [X] to the images at once.1228Select [Erase images]. Under the [x1] tab, select [Erase images]. Under the [x1] tab, select [Erase images].
images], then press. An image will be displayed. To display the three-image display, press the button. To return to the single-image to be erased. Select Press the button. To return to the single-image to be erased. Select Press the button. To return to the single-image to be erased. To displayed on the upper left of the screen. To select another image to be
erased, repeat step 3.the images in a Folder or on a CardYou can erase all the images in a folder or on a card at one time. When[x1: Erase images] is set to [All images in folder] or [All images oncard], all the images in the folder or on the card
will be erased. To erase all images including protected images, format the card (p.52). 229 Page 230B Shooting Information DisplaySample Still Photo Taken in a Creative Zone Mode Exposure compensation amount Protect images Flash exposure compensation amount Protect images.
speedPicture Style/SettingsMetering modeShooting modeShooting modeShooting modeSo speedHighlight tone priorityWhite balance correctionFile size* With 1+73 images, the 1 file size is displayed.* If a Creative filter or Resize has been applied to
the image, the icon willchange to .* Images taken with flash exposure compensation are markedwith the icon. If the image was taken by another camera, certain shooting informationmay not be displayed. It may not be possible to play back images taken with
this camera onother cameras.230Page 231B Shooting Information DisplaySample Still Photo Taken in a Basic Zone ModeAmbience effectsShooting modeLighting or scene* With images taken in a Basic Zone mode, the information DisplayShooting modeLighting or scene* With images taken in a Basic Zone mode.
durationMovie/PlaybackShutter speedApertureMovie shooting formatMovie recording formatMovie file sizeFrame rate* If manual exposure is used, the shutter speedApertureMovie shooting Information Displayed.* The icon will be displayed for video snapshots.231Page 232B Shooting Information Displayed.
Highlight AlertWhen the shooting information is displayed, any overexposed areas of theimage will blink. To obtain more image detail in the overexposed, blinkingareas, set the exposure compensation to a negative amount and shoot again. Histogram The brightness histogram shows the exposure level distribution and overallbrightness. The RGB
histogram is for checking the color saturation and gradation. The display can be switched with [x2: Histogram disp]. [Brightness level darker on the left and Dark image brighter on the right), while
the vertical axis indicateshow many pixels exist for each brightness level. Themore pixels there are toward the left, the shadow detail will be lost. If there are toward the right, Normal brightness level. Themore pixels on the right, the highlight detail
willBright image lost. The gradation in-between will be reproduced. By checking the image and its brightness histogram, you can see the exposure level in the image (RGB or red, green, and blue). The
horizontal axis indicates the color's brightness level (darker onthe left and brighter on the right, the darker and denser thecolor. If there are toward the left, the darker are toward the right, the brighter and denser thecolor. If there are toward the left, the darker and less prominent the color. Themore pixels there are toward the right, the brighter and denser thecolor. If there are toward the left, the darker and less prominent the color. Themore pixels there are toward the right, the brighter and denser the color.
are too many pixels on the left, the respective colorinformation will be lacking. If there are too many pixels on the right, the color will be too saturated with no gradation. By checking theimage's RGB histogram, you can see the color's saturation and gradation condition, as well as white balance inclination. 232Page 2339Post-ProcessingImagesAfter
taking a picture, you can apply a Creative filter orresize the JPEG image (reduce the number of pixels). The camera may not be able to process images taken withanother camera is connected to a computer via theinterface cable.233Page 234U Applying Creative
FiltersYou can apply the following Creative filters to an image and save it as anew image: Grainy B/W, Soft focus, Fish-eye effect, Toy camera eff
pressing the button, youcan switch to the index display and select an image. a filter. Select When you press, the types of Creative filter will be displayed (p.236). Press the keys to adjust the filter effect, then press. The image will be displayed with theeffects of the filter applied. The filter applied and select an image will be displayed with theeffects of the filter applied. The filter applied and select an image will be displayed with theeffects of the filter applied. The filter applied and select an image will be displayed with theeffects of the filter applied. The filter applied and select an image will be displayed with theeffects of the filter applied. The filter applied and select an image will be displayed with the filter applied and select an image will be displayed with the filter applied. The filter applied and select an image will be displayed with the filter applied and select an image will be displayed with the filter applied. The filter applied and select applied applied applied applied and select applied and select applied applied and select applied applied and select applied applied applied applied applied applied and select applied applie
the Miniature effect, press the keys to move the whiteframe to where you want the image clook sharp, then press .234Page 235U Applying Creative Filtersthe image, repeat steps 2 to 5. To return to the menu
press the button. When shooting 1+73 or 1 image, the filter effect will be applied to it, the image will be saved as a JPEG image. If an aspect ratio was set for a 1 image and the filter effect will be applied to image with Fish-eyeeffect
applied.235Page 236U Applying Creative Filter Characteristics V Grainy B/WCreates a grainy black-and-white effect by adjusting the blur. X Fish-eye effectGives the image a soft look. You can change the black-and-white effect by adjusting the blur. X Fish-eye effectGives the image a soft look.
lens. The image will have a barrel-typedistortion. Depending on the level of this filter effect, the area trimmed alongthe periphery of the image center, the apparent resolution at the center may degrade depending on the number of recorded pixels. Set the filter effect in step 4 while checking
the resulting image. Y Toy camera effectDarkens the photo's corners and applies a color tone that makes itlook as if it was shot by a toy camera. You can change where the image lookssharp. In step 4 on page 234, if you press the button, you can
switch between the white frame's vertical and horizontalorientations.236Page 237S Resizing JPEG ImagesYou can resize a JPEG image to make the pixel count lower and save itas a new image. Resizing an image is possible only with JPEG 3/4/a/b images. JPEG c and RAW images cannot be resized.1Select [Resize]. Under the [x1] tab, select
[Resize], then press. An image will be displayed an image. Select the image size. Select the image size image. Select the image size image size image size image. Select the image size image size image size image. Select the image size image size image size image size image. Select the image size image size image size image size image. Select the image size image size image size image size image size image. Select the image size image size image size image size image size image. Select sele
displayed in step 3 on the preceding page, such as[***M ****x*****], have a 3:2 aspect ratio. The image sizes by aspectratios are shown in the table below.ImageQualityAspect Ratio and Pixel Count (Approx.)3:24:316:91:143456x23043072x23043456x19442304x2304(8.0 megapixels) (7.0 megapixels) (6.7 megapixels) (5.3
megapixels)a2592x17282304x17282592x1456*1728x1728(4.5 megapixels) (4.0 megapixels) (4.0 megapixels) (3.0 megapixels) (2.1 megapixels) (2.1 megapixels) (2.1 megapixels) (2.1 megapixels) (2.2 megapixels) (3.0 megapixels) (3.0 megapixels) (3.0 megapixels) (4.0 meg
actual aspect ratio of images in the sizes marked with an asteriskwill differ from the aspect ratio indicated. The image may be cropped slightly depending on the resizing conditions. 238Page 23910Printing [mages printing (p.240)You can connect the camera directly to a printer and printout the images on the card. The camera is compliant
with "wPictBridge", which is the standard for direct printing. You can also use a wireless LAN to send images to a PictBridge (Wireless LAN) printer and print them. Fordetails, refer to the Wireless Function Instruction Manual. Digital Print Order Format (DPOF) (p.249)DPOF (Digital Print Order Format) enables you to printimages recorded on the card
according to your printinginstructions such as the image selection, quantity to print, etc. You can print multiple images in one batch or give theprint order to a photobook. 239Page 240Preparing to PrintThe direct printing procedure can be
performed entirely with thecamera while looking at the setting screens on camera's LCD monitor. Connecting the Camera to the 2 Connect them with an interface cable (sold separately). Connect the cable to the
camera's digital terminal with the cable plug's icon facing the front of the camera power. 5 Turn Some printers may make a beepingsound. 240 Page 241 Preparing to Printback the image. 6 Play Press the button. The image will appear with the icon on
the upper left of the screen toindicate that the camera is connected to a printer. Before using the printer, make sure it has a PictBridge connection port. Movies cannot be printed. The camera cannot be used with printers compatible only with CP Director Bubble Jet Direct. If there is a long beeping sound in step 5, it indicates a problem with
the printer. Resolve the problem displayed in the error message (p.248). If [53: Wi-Fi] is set to [Enable], then reconnect the camera to a printerwith an interface cable. You can also print RAW images taken with this camera. Before disconnecting the cable, first turn off the camera
and printer. Holdthe plug (not the cord) to pull out the cable. For direct printing, use a fully-charged battery. 241 Page 242w Printing may not be available. For details, refer to the printer's instruction manual. Printer-connected icon 1 Select the image to be printed
Check that the icon isdisplayed on the upper left of the LCDmonitor. Press the keys to select the print area (p.247). Sets the print
and layout.Returns to the screen in step 1. Starts the printing. The paper size, type, and layout you have set are displayed.* Depending on the printer, certain settings such as the date and filenumber imprinting and cropping may not be selectable. [Paper settings]. 3 Select Select [Paper settings], then press. The paper settings screen
willappear. 242 Page 243 w Printing QSetting the Paper Size Select the size of the paper loaded inthe printer, then press. The page layout screen will appear. YSetting the Paper Size Select the size of the paper loaded inthe printer, then press. The page layout screen will appear. YSetting the Paper Size Select the size of the paper loaded inthe printer, then press. The page layout screen will appear.
setting screen will reappear. Bordered Prints with white borders along the edges. Borderless Prints with no borders. If your printer cannot print border on 9x13 cm or larger prints.xx-upOption to print 2, 4, 8, 9, 16, or 20 images on one sheet. 20-upc35-
uppPrints 20 or 35 images as thumbnails on A4 or Letter size paper*2. Imprints the shooting information*1 with [20-upc]. DefaultThe page layout varies depending on the printer model or its settings.*1: From the Exif data, the camera name, shooting mode, shutterspeed, aperture, exposure compensation amount, ISO speed, white
balance, etc. can be imprinted.*2: After ordering the prints with "Digital Print Order Format (DPOF)" (p.249), printing by following "Direct Printing of Print-Ordered Images" (p.252) is recommended. If the image may be cropped significantly when you print it as a borderless.
desired printing effect, then press. If the icon is displayed brightlynext to, you can also adjust the printing effect (p.246). Printing effect (p.246). Printing effect (p.246). Printing effect (p.246).
MPrinting characteristics are the same as the "Natural" setting. However, this setting enables finer printing adjustments thanwith "Natural" setting enables finer printing effects, changes are reflected in the image displayed on the upper left of the
screen. Note that the printed image may lookslightly different from the displayed image, which is only an approximation. This also applies to [Brightness] and [Adjust levels] on page 246. If you imprint shooting information on an image shot at an expanded ISOspeed (H), the correct ISO speed may not be imprinted. 244Page 245w Printingthe date and
file number5 Setimprinting. Set them if necessary. Select, then press. Set the number of copies, then press. Set the number of copies, then press. Set the number of copies. S
settings as set by the printer's manufacturer. Referto the printer's instruction manual to find out what the [Default] settingsare. Depending on the image tilt correction (p.247) is applied, it may take longer to print theimage. To stop
the printing, press while [Stop] is displayed, then select[OK]. If you execute [Clear all camera settings] (p.192), all the settings willrevert to their defaults.245Page 246w Printing EffectsIn step 4 on page 244, select the printing effect. When the icon is displayed brightly next to , you can press the button to adjust the printing effect.
What can be adjusted or what isdisplayed will depend on the selectionmade in step 4. Brightness and contrast. With the Adjust levels when you can change the position of the position of the position of the selection and adjust the image of the position of the position of the selection and adjust the image of the position of the selection and adjust the image of the position of the
. Press the keys to freelyadjust the shadow level (0-127) or highlightlevel (128-255). kBrightenerEffective in backlit conditions where the subject's face looks dark. When [On] is set, the face will be brightened for printing. Red-eye corr. Effective in flash images where the subject has red eyes. When [On] is set, the red eye will be corrected for printing.
The [kBrightener] and [Red-eye corr.] effects will not be reflected onthe screen. When [Detail set.] is selected, you can adjust the [Colorbalance], use the cross keys. B is for blue, A for amber, M formagenta, and G for green. The image's color balance will be adjusted toward the
color in the direction of the move. If you select [Clear all], all the printing effect settings will be reverted totheir defaults. 246 Page 247w Printing Cropping the Image is recomposed. Set the cropping right before printing. If you change the printing the Image and print only anenlarged version of the image is recomposed. Set the cropping right before printing. If you change the printing the Image is recomposed. Set the cropping right before printing and print only anenlarged version of the image is recomposed. Set the cropping right before printing and print only anenlarged version of the image and print only anenlarged version of the image is recomposed. Set the cropping right before printing and print only anenlarged version of the image and print only anenlarged version of the image is recomposed. Set the cropping right before printing and print only anenlarged version of the image and print only anenlarged version of the image and print only anenlarged version of the image is recomposed. Set the cropping right before printing and print only anenlarged version of the image and print
settings aftersetting the cropping frame size, position, and aspect ratio. The image area within the cropping frame size, position, and aspect ratio can be changed with [Paper settings]. Changing the Cropping frame size, position, and aspect ratio can be changed with [Paper settings].
Frame SizePress the or button to change the cropping frame until it coversthe desired image area. Rotate the Cropping frame, the larger the imagevertically or horizontally. Move the cropping frame until it coversthe desired image area. Rotate the Cropping
FramePressing the button will toggle the cropping framebetween the vertical and horizontal image. Image tilt, the icon on the
screen will turn blue. 3 Press to exit the cropping. The print setting screen will reappear. You can check the print setting screen will reappear area on the upper left of the print setting screen will reappear. You can check the print setting screen will reappear area may not be printed asyou specified. The smaller you make the cropping frame, the grainier the print setting screen will reappear.
the print. Check the camera's LCD monitor while cropping the image on a TV screen, the cropping frame may not be displayed accurately. Handling Printer ErrorsIf printing does not resume after you resolve a printer to resume printing. For
details on resuming the printing, refer to the printing, refer to the printing. For details on how to fix a printing problem, refer to the printing. After fixing the problem, resume printing. For details on how to fix a printing problem, refer to the printer's instruction manual. Paper
ErrorCheck whether the paper is properly loaded in the printer. Ink ErrorCheck the printer ink level and the waste ink tank. Hardware ErrorCheck for any printer problems other than paper and ink problems. File ErrorCheck for may no
be printable.248Page 249W Digital Print Order Format (DPOF)You can set the print type, date imprinting, and file number imprinting. The print settings will be applied to all print-ordered images. (Theycannot be set individually for each image.) Setting the Printing Options 1 Select [Print order]. Under the [x1] tab, select [Print order], then press. [Set
up].2 Select Select [Set up], then press .the option as desired.3 Set Set the [Print type] [Date], and [File No.] 249Page 250W Digital Print type] [Date] [File No.] 249Page 250W Digital Print type].
thumbnail images are printed onone sheet. KBothLPrints both the standard and index prints. OnOffOnOff[On] imprints the recorded date on the print. The print order screen will reappear. Next, select [Sel.Image], [Byn], or[All images] to order the images tobe printed. RAW
images and movies cannot be print ordered. You can print RAWimages with PictBridge (p.240). Even if [Date] and [File No.] are set to [On], the date or file number maynot be imprinted depending on the print type setting and printer model. With [Index] prints, the [Date] and [File No.] cannot both be set to [On], the date or file number maynot be imprinted depending on the print type setting and printer model. With [Index] prints, the [Date] and [File No.] are set to [On] at the same time. When printing, use
the card whose print order specifications have beenset. It cannot be printed with the specified print order if you just extractimages from the card and try to print them. Certain DPOF-compatible printers and photofinishers may not be able toprint the images as you specified. Refer to the printer's instruction manual before printing, or check with your
photofinisher aboutcompatibility when ordering prints. Do not insert into the camera a card whose print order may not be possible, depending onthe image type.250Page 251W Digital Print Order Format (DPOF)Print Ordering
Selecting images Select and order images one by one. To display the three-image display, press the button. To return to the sard (Quantity Total images selected Checkmark Index icon [Standard] [Both] Press the keys to set the number of copies to be printed for
thedisplayed image.[Index]Press the keys to add acheckmark to the box . The imagewill be included in the index print. BynSelect [Mark all in folder] and select the folder, the print order for thatfolder will all be canceled. All
imagesIf you select [Mark all on card], one copy of all the images on the card. Note that RAW images and movies will be set for printing. If you select [Clear all on card], the print ordereven if you set [Byn] or [All images]. When using a PictBridge-compatible printer, do
not specify more than 400 images for one print order. If you specify more than this, all theimages may not be printed. 251 Page 252 WDirect Printing of Print-Ordered Images With a Pict Bridge printer, you can easily print images with DPOF.1 Prepare to print. See page 240. Follow the "Connecting the Camera to a Printer" procedure up to step 5.2 Under
the [x1] tab, select [Print] order]. Select [Print] will be displayed only if the camera is connected to aprinter and printing is possible. Set the paper size. Certain printers cannot imprint the file number. If [Bordered] is set
certain printers may imprint the date on the border. Depending on the printing and want to resume printing the remainingimages, select [Resume]. Note that printing will not resume if any
of thefollowing occurs. You changed the print order or deleted any of the print order esuming the printing. The card's remaining capacity was low when you paused the printing. If a problem occurs during printing, see page 248.252Page 253p
Specifying Images for a PhotobookYou can specify up to 998 images to be printed in a photobook. Whenyou use EOS Utility (EOS software) to transfer images to a computer, the specifying One Image at one printed in a photobook only one Image at one printed in a photobook only one Image at one printed in a photobook.
a Time1Select [Photobook Set-up]. Under the [x1] tab, select[Photobook Set-up], then press. An image will be display, press the button. To return tothe single-image display, press the button single-image display single-image display, press the button single-image display single-image di
image to be specified, then pressthe keys. Repeat this step to select anotherimage. The number of images thathave been specification, press the button. 253 Page 254p Specifying Images for a Photobook Specifying All Images in a
Folder or on a CardYou can specify all the images in folder or on a card at once. When [x1: Photobook Set-up] is setto [All images in folder] or [Clear all in folder] or [Clear all oncard]. RAW images and movies cannot be specified.
Do not specify images already specified for a photobook in another camera for another photobook with this camera. The photobook settingsmay be overwritten. 254Page 25511Customizing the Cameraone Creative ZYou can make fine adjustments to various camerafunctions to suit your picture-taking preferences with Custom Functions. Custom
Functions can be set andused only in Creative Zone modes.255Page 2563 Setting Custom Functions (C.Fn)]. Under the [53] tab, select [Custom Functions (C.Fn)]. Under the [53] tab, select [Custom Functions (C.Fn)].
desired.3 Change Press the keys to selectthe desired setting (number), then press are indicated below the respective function numbers. the setting. 4 Exit Press the button. The screen for step 1 will reappear. Clearing All
Custom FunctionsUnder [53: Clear settings], select [Clear all Custom FunctionsC.Fn I: ExposureALV Shooting1Exposure level increments2ISO expansion3Flash synchronization speed in Av mode p.259p.258kkkC.Fn II: Image4Long
exposure noise reduction5High ISO speed noise reduction6Highlight tone priorityp.260p.261kkkC.Fn III: Autofocus/Drive7AF-assist beam firingp.262k (With f*)* If you use an EX-series Speedlite (sold separately) equipped with an LED light, the LED light will turn on for AF-assist even in the d or c mode.C.Fn IV: Operation/Others8Shutter/AE locked and the contraction of the c
button9Assign SET button10LCD display when power ONp.263p.264kk (Except 3) Custom Functions cannot be set during movie shooting. (Settingsalready set will also be disabled.) Shaded Custom Function does not function four groups are organized into four 
based on the functiontype: C.Fn I: Exposure, C.Fn II: Exposure compensation, etc. This iseffective when you prefer to control the shutter speed, aperture, exposure compensation, etc. This iseffective when you prefer to control the shutter speed, aperture, exposure compensation, etc. This iseffective when you prefer to control the shutter speed, aperture, exposure compensation, etc. This iseffective when you prefer to control the shutter speed, aperture, exposure compensation, etc. This iseffective when you prefer to control the shutter speed, aperture, exposure compensation, etc. This iseffective when you prefer to control the shutter speed, aperture, exposure compensation, etc. This iseffective when you prefer to control the shutter speed, aperture, exposure compensation, etc. This iseffective when you prefer to control the shutter speed, aperture, exposure compensation, etc. This iseffective when you prefer to control the shutter speed, aperture, exposure compensation, etc. This iseffective when you prefer to control the shutter speed, aperture, exposure compensation, etc. This iseffective when you prefer to control the shutter speed, aperture, exposure compensation, etc. This iseffective when you prefer to control the shutter speed, aperture, exposure compensation, etc. This iseffective when you prefer to control the shutter speed, aperture approximation and exposure compensation are shutter speed.
exposure in less fineincrements than 1/3-stop increments. When 1 is set, the exposure level will be displayed in the viewfinder and onthe LCD monitor as shown below. C.Fn-2ISO expansion 0: Off1: OnWhen you set the ISO speed, you will be able to set "H"(equivalent to ISO 12800). Note that if [C.Fn-6: Highlight tonepriority] is set to [1: Enable], "H"
cannot be set.258Page 2593 Custom Function SettingsNC.Fn-3Flash Synchronization Speed in Av ModeYou can set the flash sync speed for flash photography in theaperture-priority AE mode.0: AutoThe flash sync speed is set automatically within a range of 1/200sec. to 30 sec. to suit the scene's brightness. With an external Speedlite, high-speed sync
will also be possible.1: 1/200-1/60 sec. autoPrevents a slow shutter speed from being set in low-lightconditions. It is effective for preventing subject blur and camerashake. However, while the subject will be properly exposed withthe flash, the background may come out dark.2: 1/200 sec. (fixed)The flash sync speed is fixed at 1/200 sec. This more
effectively prevents subject blur and camera shake than [1: 1/200-1/60sec. auto]. When 1 or 2 is set, high-speed sync cannot be used with an external Speedlite. 259 Page 2603 Custom Function Settings NC. Fn II: Image C. Fn -4 Long Exposure Noise
Reduction0: Off1: AutoFor exposures of 1 sec. or longer, noise reduction is performed for all exposures of 1 sec. or longer. The [2: On] setting may reduce noise that cannot be detected withthe [1: Auto] setting
With settings 1 and 2, after the picture is taken, the noise reduction process may take the same amount of time as the exposure. You cannottake another picture until the noise reduction process is completed. At ISO 1600 or higher, noise may be more pronounced with setting 2 than with setting 0 or 1. With setting 1 or 2, if a long exposure is shot with
the Live View imagedisplayed, "BUSY" will be displayed during the noise reduction process. The Live View display will not appear until the noise reduction Function SettingsNC. Fn-5High ISO speed noise reduction reduces the noise generated in the image.
Althoughnoise reduction is applied at all ISO speeds, it is particularly effective thing to suit the noise in the darker parts of the image (shadow areas) is further reduced. Change the setting to suit the noise level.0: Standard2: Strong1: Low3: Disable With setting 2, the maximum burst during continuous shooting will
greatly decrease. Also, the continuous shooting speed may be slower. If you play back or directly print a 1 or 1+73 image with thecamera, the high ISO speed noise reduction effect may be come smaller. Check the noise reduction effect may be come smaller. Check the noise reduction effect may be slower. If you send RAW images to a
smartphone, the high ISO speed noisereduction effect of saved images on the smartphone may becomesmaller. Therefore, if you shoot RAW images, setting the imagerecording quality to 1+73 is recommended. C.Fn-6Highlight tone priority0: Disable1: EnableImproves the highlight detail. The dynamic range is expanded from the standard 18% gray to
bright highlights. The gradation betweenthe grays and highlights becomes smoother. With setting 1, the Auto Lighting Optimizer (p.121) is automatically set to[Disable] and the setting 0. With setting 1, the ISO setting range
will be ISO 200 - ISO 6400.Also, the icon will be displayed on the LCD monitor and in theviewfinder to indicate that highlight tone priority is enabled. 261Page 2623 Custom Function SettingsNC.Fn III: Autofocus/DriveC.Fn-7AF-assist beam firingEnables or disables the built-in flash's AF-assist beam or the EOSdedicated external Speedlite's AF-assist
beam.0: EnableThe AF-assist beam will be emitted when necessary.1: DisableThe AF-assist beam will not fire the AFassist beam will not fire the AFassist beam.3: IR AFassist beam will emit the AF-assist beam will not fire the AFassist beam will not fire the AFassist beam.
assist beam onlyWhen an external Speedlite is attached, only the infrared AF-assist beam. With an EX-series of intermittent flashes (like the built-in flash) from emittingthe AF-assist beam. With an EX-series of intermittent flashes (like the built-in flash) from emittingthe AF-assist beam. With an EX-series of intermittent flashes (like the built-in flash) from emittingthe AF-assist beam. With an EX-series of intermittent flashes (like the built-in flash) from emittingthe AF-assist beam. With an EX-series of intermittent flashes (like the built-in flash) from emittingthe AF-assist beam. With an EX-series of intermittent flashes (like the built-in flash) from emittingthe AF-assist beam. With an EX-series of intermittent flashes (like the built-in flash) from emittingthe AF-assist beam. With an EX-series of intermittent flashes (like the built-in flash) from emittingthe AF-assist beam. With an EX-series of intermittent flashes (like the built-in flash) from emittingthe AF-assist beam. With an EX-series of intermittent flashes (like the built-in flash) from emittingthe AF-assist beam. With an EX-series of intermittent flashes (like the built-in flash) from emittingthe AF-assist beam. With an EX-series of intermittent flashes (like the built-in flash) from emittingthe AF-assist beam. With an EX-series of intermittent flashes (like the built-in flash) from emittingthe AF-assist beam. With an EX-series of intermittent flashes (like the built-in flash) from emittingthe AF-assist beam. With an EX-series of intermittent flashes (like the built-in flash) from emittingthe AF-assist beam. With an EX-series of intermittent flashes (like the built-in flash) from emittingthe AF-assist beam. With an EX-series of intermittent flashes (like the built-in flash) from emittingthe AF-assist beam. With an EX-series of intermittent flashes (like the built-in flashes) from emittingthe AF-assist beam. With an EX-series of intermittent flashes (like the built-in flashes) from emittingthe AF-assist beam. With an EX-series of intermittent
external Speedlite's [AF-assist beam firing] Custom Function is set to 0, 2, or 3.262Page 2633 Custom Function SettingsNC.Fn IV: Operation/OthersC.Fn-8Shutter/AE lock button0: AF/AE lock/AFThis is convenient when you want to focus and meter
separately. Press the button to autofocus, and press the shutter buttonhalfway to apply AE lock. 2: AF/AF lock, no AE lockDuring AI Servo AF, you can press the button to pause theAF operation momentarily. This prevents the AF from being thrownoff by any obstacle passing between the camera and subject. Theexposure is set at the moment the
picture is taken. 3: AE/AF, no AE lockThis is useful for subjects that keep moving and stoppingrepeatedly. During AI Servo AF, you can press the button tostart or stop the AI Servo AF operation. The exposure is set at themoment the picture is taken. Thus, you can set your camera, so that the optimum focusing and exposure can be achieved and waitfor
the decisive moment.During Live View shooting With setting 1 or 3, press the button for One-Shot AF. With setting 0 or 2, press the shutter button for One-Shot AF.263Page 2643 Custom Function SettingsNC.Fn-9Assign SET buttonYou can assign a frequently-used function to . When the camerais ready to shoot, pressing the button will
display the respectivefunction setting screen.0: Normal (disabled)1: Image quality feet image quality feet the desiredimage-recording quality, then press .2: Flash exposure compensation feet the desiredimage-recording quality feet image qual
on or off the LCD monitor.4: Depth-of-field previewThe lens will stop down to the aperture that was set, and you cansee the depth of field (range of acceptable focus) in the viewfinderor in the Live View image.C.Fn-10LCD display when power ON0: Display onWhen you turn on the power, the shooting function settings will be displayed (p.54).1:
Previous display status If you pressed the button and turned off the camera again. This helps to savebattery power. The menu operations and image playback will be available as usual. If you pressed the button to display the shooting function settings will not be displayed when you turn on the camera again. This helps to savebattery power.
functions ettings and then turned off the camera, the shooting settings willbe displayed when you turn on the camera again. 264Page 2653 Registering My Menu NUnder the My Menu tab, you can register up to six menu options and Custom Functions whose settings you change frequently. 1Select [My Menu tab, you can register up to six menu options and Custom Functions whose settings you change frequently. 1Select [My Menu tab, you can register up to six menu options and Custom Functions whose settings and then turned off the camera, the shooting settings will be displayed when you turn on the camera again. 264Page 2653 Registering My Menu Nunder the My Menu tab, you can register up to six menu options and Custom Functions whose settings are called the shooting settings.
Menusettings], then press .[Register to My Menu]. Select Select [Register to My Menu]. Select Select the item. You can register the items. To return to the screen in step 2, press the button. My Menu Settings SortYou can change sortYou can c
the order of the registered items in My Menu. Select[Sort] and select the item whose order you want to change the order, then press . Delete item/items and Delete all items? deletes one item at a time, and [Delete all items] deletes
allregistered items. Display from My MenuWhen [Enable] is set, the [9] tab will be displayed first when youdisplay the menu screen.265Page 266266Page 26712ReferenceThis chapter provides reference information for camerafeatures, system accessories, etc. Certification LogoUnder the [53] tab, if you select [Certification Logo Display] and press
thecamera, almost all the autoflash control is done by the camera. In otherwords, it is like a high-output flash attached externally in place of thebuilt-in flash. For detailed instructions, refer to the EX-series will not fire. If the camera is used with
a flash unit or flash accessory dedicated toanother camera brand, not only will the camera not operate as usual butit may also result in a malfunction. The flash fires only once even when MULTI flash is set with the Speedlite. When using an external Speedlite, attach it after retracting the built-inflash. With an EX-series Speedlite not compatible with
If the external Speedlite's Custom Function has the flash metering modeset to TTL autoflash, the flash will not fire. 268Page 269H Using Eye-Fi cardsWith a commercially-available Eye-Fi card already set up, you canautomatically transfer is a
function of the Eye-Fi card. For instructions onhow to set up and use the Eye-Fi card or to troubleshoot any imagetransfer problems, refer to the Eye-Fi card functions (including wireless transfer). In case of a problem with an EyeFi card, please
check with the card manufacturer. Also note that approval is required to use Eye-Fi cards in many countries orregions. Without approval, use of the card manufacturer. I Insert an Eye-Fi card (p.36). [Eye-Fi settings]. Select Under the
[51] tab, select [Eye-Fisettings], then press . This menu is displayed only when an Eye-Fi card is inserted into thecamera. Eye-Fi transmission even with the Eye-Fi card inserted (transmission status icon I). the connection
information.4 DisplaySelect [Connection info.], then press. 269Page 270H Using Eye-Fi Cardsthe [Access point SSID:]. You can also check that an access point isdisplayed for [Access point isdisplayed for [Access point SSID:].
transferred and the icon switches from gray (notconnected) to one of the icons below. For transferred images, O isdisplayed in the shooting informationTransmission status icondisplay (p.230).H (Gray) Not connected: Connection to
access point established.H () Transferring...: Image transfer to access point in progress.270Page 271H Using Eye-Fi Cards If [53: Wi-Fi] is set to [Enable], image transfer with an Eye-Fi Card is notpossible. If "J" is displayed, an error occurred while retrieving the cardinformation. Turn the camera power off and on
again. Even if [51: Eye-Fi trans.] is set to [Disable], it may still transmit asignal. In hospitals, airports, and other places where wirelesstransmissions are prohibited, remove the Eye-Fi card and computer settings. For details, refer to the card's instruction manual
Depending on the wireless LAN's connection conditions, the image transfer may take longer or it may be interrupted. The Eye-Fi card may become hot as it transmits. The battery power will be consumed faster. During the image transfer, auto power off will not take effect. If you insert a wireless LAN card other than an Eye-Fi card, [51: Eye-Fi card may become hot as it transmits. The battery power will be consumed faster.
Fisettings] will not appear. Also, the transmission status icon will notappear. 271Page 272Function Availability Table by Shooting Modeo: Set automatically set/AutoISO speedManually setPicture StyleMaximum for AutoAutomatically set/AutoManual selectionAmbience-based
             Table by Shooting ModeMode DialAFMeteringmodeExposureAF point selectionAF-assist beam*6Evaluative meteringBasic Zonek k k ko o o *3 o *4 o o k k k Metering modeselectionk k kProgram shiftkExposurecompensationk k kAEBAE lockDepth-of-field previewSingle shootingDrive/self-timerContinuous shootingj (10 sec.)k kk
assist beam when necessary.*5: Settable only for autoexposures.*6: The built-in flash will not fire when it is retracted. In addition, the AF-assistbeam also will not be emitted.*7: Settable only during Live View shooting.273Page 274System MapST-E2MagnifierMG-EfEyepiece ExtenderEP-EX15II270EX IIST-E3-RT430EX III-RT/430EX
IIIBundledAccessoriesEyecup EfRubber Frame EfStrapE-series DioptricAdjustment LensesAngle Finder CSemi Hard CaseEH26-L/EH27-LBattery PackLP-E10Protecting ClothPC-E1/PC-E2Hand Strap E2274Battery ChargerLC-E10E600EX II-RTPage 275System MapMacro Ring LiteMR-14EX IIMacro Twin LiteMT-26EX-RTEF lensesEF-S lensesHDMI
Cable HTC-100 (2.9 m/9.5 ft.) TV set/MonitorConnect StationCS100Interface Cable IFC-200U/500U(1.9 m/6.2 ft.) / (4.7 m/15.4 ft.) USB portSD/SDHC/SDXCmemory cardCard readerComputerCard slot* GPS Receiver GP-E2 (sold separately) cannot be used.* All cable lengths given
are approximate figures.275Page 2763 Menu SettingsViewfinder Shooting and Live View Shooting 1 (Red)PageImage quality73 / 83 / 74 / 84 / 7a / 8a / b / c /1+73 / 186BeepEnable / Disable182Release shutterwithout cardEnable / Disable182Image reviewOff / 2 sec. / 4 sec. / 4 sec. / 8 sec. / Hold182Peripheral illuminationEnable /
Disable correction 122 Flash firing / Built-in flash function setting / External flash function setting / Ex
Partial metering /Center-weighted average metering13Custom White balance Shift/bracketing of white balance shift/bracketing13Custom Whi
/VMonochrome / WUser Def. 1-393124127Flash controlK Shooting 2 (Red)Shaded menu options are not displayed in Basic Zone modes.276Page 2773 Menu SettingsL Shooting 3 (Red)PageDust Delete DataObtains data to be used to erase dust spots200ISO AutoMax.:400 / Max.:800 
Disable 139AF method FlexiZone - Single / uLive mode / Quick mode 146Grid displayOff / Grid 11 / Grid 2m143Aspect ratio 3:2 / 4:3 / 16:9 / 1:1144Metering timer 4 sec. / 8 sec. / 16 sec. / 30 sec. / 1 min. / 30 min. 145M Shooting 4* (Red)* In Basic Zone modes, these menu options are displayed under the [z2] tab.1 Playback 1 (Blue) Protect
imagesProtect images226Rotate images226Rotate images226Rotate images209Erase images228Print orderSpecify images to be printed (DPOF)249Photobook Set-upSpecify images for a photobook253Creative filtersGrainy B/W / Soft focus / Fish-eye effect / Toy camera effect / Miniature effect234ResizeDownsize JPEG image's pixel count237277Page 2783
Menu Settings2 Playback 2 (Blue) PageHistogram displayBrightness / RGB232Image jump w/61 images / 100 images 
Disable 1834 Set-up 1 (Yellow) Auto power offAuto rotateOnzD / OnD / Off190Format cardInitialize and erase data on the card52File numberingContinuous / Auto reset / Manual reset186Select folderCreate and select a folder184Screen color195Eye-Fi card
is inserted 2696 Set-up 2 (Yellow) LCD brightness (seven levels) 183LCD off/on button Shutter button / Shutter/DISP / Remains on 195Date/Time/ZoneDate (year, month, day) / Time (hour, min., sec.) / Daylight saving time / Time zone 41 Language KSelect the interface language 43 Clean manually Clean image sensor
manually202Feature guideEnable / Disable55278Page 2793 Menu Settings7 Set-up 3 (Yellow)PageWi-FiDisable / EnableTransfer images between camera'sDisplays some of the logos of the camera'sDisplaycertificationsCustom Functions (C.Fn.)
Customize camera functions as desiredDisplay copyright information /Copyright information Enter author's name / Enter copyright information Enter author's name / En
Manual.9 My Menu (Green)My Menu settingsRegister frequently-used menu options and custom Functions of the countries and areas of use, and observe the laws and regulations of the country or region. [Wi-Fi] cannot be set if the camera is connected to a computer, printer, TV set, or
other device with a cable. When [Wi-Fi] is set to [Enable], you cannot connect the camera to the above devices with a cable. 279Page 2803 Menu Settingsk Movie Shootinga Movie 1 (Red)PageMovie exposureAuto / Manual174AF methodFlexiZone - Single / uLive mode / Quick mode174AF with shutter buttonDisable / Enableduring movie
recording 174kShutter button/AE lock button/AE lock / AE lock/AF /AF/AF lock, no AE lock/AF /AF/AF lock, no AE lock/AF /AF/AF lock, no AE lock/AF /AF/AF lock / AE lock/AF /AE lock / AE l
EnableMetering timer4 sec. / 8 sec. / 16 sec. / 30 sec. / 1 min. / 10 min. / 30 min. 177Grid displayOff / Grid 11 / Grid 2m177Video snapshotDisable / 2 sec. movie / 8 sec.
LightingOptimizerDisable / Low / Standard / High178Custom White Balance Manual setting of white balance178Picture StyleDAuto / PStandard / UFaithful /VMonochrome / WUser Def. 1-3178Menus for Movie Shooting Mode The [k1], [k2], and [k3] tabs appear only in the movie shootingmode. The [z2], [z3], [z4]
and [9] tabs do not appear. The following menu items do not appear: [21]: Flash control [52]: LCD off/on button, Clear settings, Firmware Ver.281Page 282Troubleshooting GuideIf a problem occurs with the camera, first consult
this Troubleshooting Guide. If this Troubleshooting Guide does not resolve the problem, contact your dealer or nearest Canon Service Center. Power-Related Problems The battery charger has a problem, the
protection circuit will stop thecharging and the charge lamp will blink in orange. If this happens, unplug the charger again and wait a while beforeconnecting the charger to a power outlet again. If the problem persists, contact your dealer or nearest Canon
Service Center. The camera does not operate even when the power is turned on. Make sure the battery (p.34). Press the button (p.54). The access lamp still lights or blinks even when the power is turned off. If the power is
turned off while an image is being recorded to the card, the access lamp will remain on/continue to blink for a few seconds. When the image recording is completed, the power will turn offautomatically. 282 Page 283 Troubleshooting Guide The battery becomes exhausted quickly. Use a fully-charged battery (p.34). The rechargeable battery performance
will degrade over repeateduse. Purchase a new one. The number of possible shots will decrease with any of the following period. Activating the LCD monitor frequently. Continuing Live View shooting
or movie shooting for a prolongedperiod. Using the Wi-Fi function. The Eye-Fi card's communication function is operating. The camera turns off by itself. Auto power off to takeeffect, set [51: Auto power off to takeeffect, set [51: Auto power off to takeeffect, set [51: Auto power off] to [Disable] (p.183). Even if [51: Auto power off to takeeffect, set [51: Auto power off] to [Disable] (p.183). Even if [51: Auto power off] to [Disable] (p.183). Even if [51: Auto power off] to [Disable] (p.183). Even if [51: Auto power off] to [Disable] (p.183). Even if [51: Auto power off] to [Disable] (p.183). Even if [51: Auto power off] to [Disable] (p.183). Even if [51: Auto power off] to [Disable] (p.183). Even if [51: Auto power off] to [Disable] (p.183). Even if [51: Auto power off] to [Disable] (p.183). Even if [51: Auto power off] to [Disable] (p.183). Even if [51: Auto power off] to [Disable] (p.183). Even if [51: Auto power off] to [Disable] (p.183). Even if [51: Auto power off] to [Disable] (p.183). Even if [51: Auto power off] to [Disable] (p.183). Even if [51: Auto power off] to [Disable] (p.183). Even if [51: Auto power off] to [Disable] (p.183). Even if [51: Auto power off] to [Disable] (p.183). Even if [51: Auto power off] to [Disable] (p.183). Even if [51: Auto power off] to [51: Auto power off] to [51: Auto power off] (p.183). Even if [5
off after the camera is left idle for approx. 30 min. (Thecamera's power does not turn off.) Press the button to turn onthe LCD monitor. Shooting-Related Problems GuideNo images can be shot or recorded. Make sure the card is properly
inserted (p.36). Slide the card's write-protect switch to the write/erase position (p.36). If the card is full, replace the card or delete unnecessary images tomake space (p.36). If you try to focus in the One-Shot AF mode and the focus indicator in the write-protect switch to the 
automatically, or focus manually (p.47, 99). The card cannot be used. If a card error message is displayed, see page 38 or 294. The image is out of focus. Set the lens's focus mode switch to (p.44). Press the shutter button gently to prevent camera shake (p.46-47). If the lens has an Image Stabilizer, set the IS switch to . In low light, the shutter speed
may become slow. Use a faster shutterspeed (p.106), set a higher ISO speed (p.90), use flash (p.103), or usea tripod. I cannot lock the focus and recompose the shot. Set the AF operation to One-Shot AF. Focus lock is not possible in theAI Servo AF mode, or when servo takes effect in AI Focus AF mode(p.95).284Page 285Troubleshooting
GuideHorizontal stripes appear, or the exposure or color tone look strange. Horizontal stripes (noise) or irregular exposures can be caused byfluorescent lighting, LED lighting, or other light sources duringviewfinder or Live View shooting. Also, the exposure or color tone may not come out right. A slow shutter speed may solve the problem. The
standard exposure cannot be obtained or the exposure may not be obtained or the exposure may not be obtained or the exposure may not be irregular. The continuous shooting speed is slow. Depending on the lens type, shutter speed, aperture, subject conditions, brightness, etc., the
continuous shooting speed maybecome slower. The maximum burst during continuous shooting is lower. Under [53: Custom Functions (C.Fn)], set [5: High ISO speednoise reduct'n] to [0: Standard], [1: Low], or [3: Disable]. If it is set to [2: Strong], the maximum burst during continuous shooting will greatly decrease (p.261). During white balance
bracketing, the maximum burst for continuous shooting will decrease (p.134). If you shoot something that has fine detail such as a field of grass, the file size will be larger, and the actual maximum burst may be lowerthan the number mentioned on page 87,285 Page 286 Troubleshooting Guide ISO 100 cannot be set. Under [53: Custom Functions (C.Fn)].
if [6: Highlight tone priority]is set to [1: Enable], ISO 100 cannot be set. If [0: Disable] is set, ISO100 can be set (p.261). This also applies to movie shooting (p.175).ISO speed [H] (equivalent to ISO 12800) cannot be set. Under [53: Custom Functions (C.Fn)], if [6: Highlight tone priority]is set to [1: Enable], the [H] ISO speed (equivalent to ISO 12800) cannot be set.
12800)cannot be selected even when [2: ISO expansion] is set to [1: On]. If[0: Disable] is set for [6: Highlight tone priority], [H] can be set(p.261). The Auto Lighting Optimizer cannot be set. Under [53: Custom Functions (C.Fn)], if [6: Highlight tone priority] is set to [1: Enable], the Auto Lighting Optimizer cannot be set. If [0:Disable] is set, the Auto
Lighting Optimizer can be set (p.261). Even though I set a decreased exposure compensation, the image comes out bright. Set [z2: Auto Lighting Optimizer] to [Disable]. When [Low], [Standard], or [High] is set, even if you set a decreased exposure compensation or flash exposure compensation, the image may comeout bright (p.121).286 Page
287Troubleshooting GuideWhen I use the mode with flash, the shutterspeed becomes slow. If you shoot at night when the background is dark, the shutter speedautomatically becomes slow (slow-sync shooting) so that both thesubject and background is dark, the shutter speed becomes slow (slow-sync shooting) so that both thesubject and background is dark, the shutter speedautomatically becomes slow (slow-sync shooting) so that both thesubject and background is dark, the shutter speedautomatically becomes slow (slow-sync shooting) so that both thesubject and background is dark, the shutter speedautomatically becomes slow (slow-sync shooting) so that both thesubject and background is dark, the shutter speedautomatically becomes slow (slow-sync shooting) so that both thesubject and background is dark, the shutter speedautomatically becomes slow (slow-sync shooting) so that both thesubject and background is dark, the shutter speedautomatically becomes slow (slow-sync shooting) so that both thesubject and background is dark, the shutter speedautomatically becomes slow (slow-sync shooting) so that both thesubject and background is dark, the shutter speedautomatically becomes slow (slow-sync shooting) so that both thesubject and background is dark, the shutter speedautomatically becomes slow (slow-sync shooting) should be shown in the shutter speedautomatically should be should
Flashsync. speed in Av mode] to [1: 1/200-1/60sec. auto] or [2: 1/200sec.(fixed)] (p.259). The built-in flash does not fire. Under the huilt-in flash does not fire. Under the huilt-in flash does not fire.
[z1: Flash control], if [Flash metering mode] in [Externalflash C.Fn setting] is set to [TTL], the flash exposure compensation is set with the external Speedlite. If flash exposure compensation cannot be set forthe external Speedlite.
exposure compensation is canceled (set to0), flash exposure compensation can be set in the mode. Under [53: Custom Functions (C.Fn)], set [3: Flash sync. speed in Av mode] to [0: Auto] (p.259). The camera makes a noise when it is shaken. A small noise may be heard
when the camera's internal mechanismmoves slightly. This is not a malfunction. The shutter makes two shooting, a white or red icon is displayed. It indicates that the camera's internal temperature is high. If the
white icon is displayed, the still photo's image quality may deteriorate. If the red icon is displayed, it indicates that the Live Viewshooting will soon stop automatically (p.155). During movie shooting will soon is displayed, it indicates that the movie shooting will soon is displayed. It indicates that the Live Viewshooting will soon is displayed, it indicates that the camera's internal temperature is high. If the red icon is displayed, it indicates that the movie shooting will soon stop automatically (p.155). During movie shooting will soon is displayed, it indicates that the Live Viewshooting will soon stop automatically (p.155). During movie shooting will soon is displayed, it indicates that the Live Viewshooting will soon is displayed.
soonstop automatically (p.179). Movie shooting stops by itself. If the card's writing speed is slow, movie shooting speed is slow, movie shooting speed, refer to the cardmanufacturer's website, etc. If a movie clip's file size reaches 4 GB or the shooting length reaches 29 min. 59
sec., the movie shooting will stop automatically.288Page 289Troubleshooting GuideThe ISO speed cannot be set for movie shooting. If [k1: Movie exposure] is set to [Auto], the ISO speed will be setautomatically. If [Manual] is set, you can set the ISO speed manually(p.160). The exposure changes during movie shooting. If [k1: Movie exposure] is set to [Auto], the ISO speed will be setautomatically.
```

or aperture during movie shooting, thechanges in the exposure may be recorded. Shooting a few test movies is recommended where you will perform a few test movies in exposure or mechanical sound of thelens, or images may be out of focus. The subject looks distorted



