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QuickGuide to Canon Speedlite 430EX II Modes and Functions

This QuickGuide provides a handy overview of the Canon Speedlite 430EX II's main features and operating modes. As an aid to organization and understanding, we have listed the features available in each operating mode and how to access them. We have also listed the available Custom Functions, which are the same in all mode. For more comprehensive information please refer to the 430EX II Instruction Manual.

CONTROL LAYOUT

LCD Panel

Displays flash mode, flash coverage angle, flash exposure compensation, distance range, manual flash output level, wireless slave channel and slave ID.

Display Illuminator/Custom Function (C.Fn) Button

Press once to illuminate the LCD Panel. Press and hold for two seconds to access the C.Fn Menu. The 430EX II features nine custom functions, listed on the reverse side.

Note: By default, the flash distance range is indicated in meters. To change the distance indicator from meters to feet, change C.Fn 00 from 0 to 1.

Flash Mode Button

Press the [Mode] button to cycle through the two flash modes: E-TTL Automatic and Manual. The display will change with each button press.



High-Speed/Shutter Curtain Sync Button

Press this button until the corresponding icon appears on the LCD panel. When no icon is visible the corresponding function is off.

Zoom/Wireless Selection Button

By default, the 430EX II will automatically adjust its coverage to your lens's focal length. Press this button once if you want to set the flash coverage angle manually. When the flash coverage indicator begins to blink, press the [+/-] or [-] button to move the coverage indicator up or down in value. An "MF" icon appears when the 430EX II is set for manual zooming.

Press and hold this button for two seconds to toggle the flash from flash shoe operation to wireless and back. The flash is in wireless mode when the LCD panel displays a Channel and Slave number. Wireless operation is available when the 430EX II is in either E-TTL Auto or Manual mode.

[+/-] Buttons

These buttons allow you scroll through the options available for a particular feature set. They are active only when a feature has been activated by one of the other buttons.

T - Select/Set Button

When the flash is in E-TTL mode, pressing this button will activate Flash Exposure Compensation, indicated by a blinking FEC icon. You can then use the [+/-] buttons to add or subtract flash exposure from +3 to -3 stops in 0.3-stop increments. Press the [Select/Set] button to register your choice, at which point the display will stop blinking.

When the flash is in Manual mode, pressing this button will activate manual flash power adjustment, indicated by a blinking fraction. You can then use the [+/-] buttons to adjust flash output from full to 1/64th power in 0.3-stop increments. Press the [Select/Set] button a second time to register your choice, at which point the display will stop blinking.

E-TTL AUTOMATIC MODE

This operating mode uses the camera's light meter to automatically control flash output and exposure. It is best for situations where the flash-to-subject distance and subject brightness are variable. The flash can be attached directly to the camera's hot shoe or connected via Canon OC-E3 extension cable. It can also be operated as a wireless slave triggered either by a master flash unit (such as a 580EX II), a Canon ST-E2 Speedlite Transmitter, or the built-in flash of an EOS 7D, 60D, or Rebel T3i. The following features are available in E-TTL auto mode:

Flash Exposure Compensation (FEC)

Press the [Select/Set] button. When the FEC symbol begins blinking use the [+/-] buttons to add or subtract flash exposure. You can adjust the exposure over a range of +3 to -3 stops in 0.3-stop increments. Press the [Select/Set] button to lock-in your choice, at which point the display will stop blinking. (With most EOS bodies, this can also be set on the camera body.)

Auto Zoom

By default the 430EX II will automatically adjust its flash coverage angle to match the marked focal length of whatever lens is attached to your camera. The auto-settings are 24, 28, 35, 50, 70, 80, and 105mm. Coverage is based on full-frame 35mm format. If you have enabled

Canon 430ex Guide

Tony Northrup



Canon 430ex Guide:

Canon Speedlite System Digital Field Guide Brian McLernon, 2010-02-02 includes bibliographical references and index

Photographer's Guide to the Fujifilm X100S Alexander S. White, 2013-11-25 This book is a complete guide to the operations features menus and controls of the Fujifilm X100S camera providing guidance about how to accomplish things with the camera as well as when and why to use certain features The book covers topics such as autofocus manual focus depth of field aperture priority shutter priority HDR high dynamic range photography and macro photography It also includes discussions of the camera's special features including its hybrid optical and electronic viewfinder system The book's more than 300 color photographs illustrate the camera's controls and menus and include examples of the photographs that can be taken using the many creative settings of the camera including the Film Simulation settings various menu options such as Dynamic Range Shadow Tone and Highlight Tone the Advanced Filter settings with effects such as Toy Camera Dynamic Tone and Miniature and the camera's features for continuous shooting including a special capability for taking multiple exposures of a single scene In addition the book provides introductions to topics such as infrared photography street photography and astrophotography The book also includes a full discussion of the video recording abilities of the X100S which can record high definition HD video with stereo sound In three appendices the book provides details about accessories available for the camera sets forth a list of web sites and other resources for further information and includes a section with helpful quick tips that give insights into how to take advantage of the camera's features in the most efficient ways possible

Tony Northrup's Photography Buying Guide Tony Northrup, 2014-11-26 If you're a beginner photographer this book can save you hundreds of dollars If you're a seasoned pro it can save you thousands With access to over 16 HOURS of online video this book helps you choose the best equipment for your budget and style of photography In this book award winning author and photographer Tony Northrup explains what all your camera flash lens and tripod features do as well as which are worth paying for and which you can simply skip Tony provides information specific to your style of photography whether you're a casual photographer or you're serious about portraits landscapes sports wildlife weddings or even macro For the casual reader Tony provides quick recommendations to allow you to get the best gear for your budget without spending days researching If you love camera gear you'll be able to dive into 200 pages of detailed information covering Nikon Canon Sony Micro Four Thirds Olympus Samsung Leica Mamiya Hasselblad Fuji Pentax Tamron Sigma Yongnuo PocketWizard Phottix Pixel King and many other manufacturers Camera technology changes fast and this book keeps up Tony updates this book several times per year and buying the book gives you a lifetime subscription to the updated content You'll always have an up to date reference on camera gear right at your fingertips Here are just some of the topics covered in the book What should my first camera be Which lens should I buy Should I buy Canon Nikon or Sony Is a mirrorless camera or a DSLR better for me Do I need a full frame camera Is it safe to buy generic lenses and flashes What's the best landscape

photography gear Which portrait lens and flash should I buy What gear do I need to photograph a wedding How can I get great wildlife shots on a budget Which sports photography equipment should I purchase Should I buy zooms or primes Is image stabilization worth the extra cost Which type of tripod should I buy Which wireless flash system is the best for my budget How can I save money by buying used What kind of computer should I get for photo editing What studio lighting equipment should I buy When you buy this book you ll be able to immediately read the book online You ll also be able to download it in PDF mobi and epub formats every popular format for your computer tablet smartphone or eReader

Photographer's Guide to the Sony DSC-RX10 Alexander S. White,2014-03-21 In this comprehensive guide book to the Sony DSC RX10 camera author Alexander White provides users of the RX10 with a roadmap to all operations features menus and controls of the camera Using a tutorial like approach the book shows beginning and intermediate photographers not only how to accomplish things with the RX10 but when and why to use the camera s features The book does not assume specialized knowledge by the reader as it explains topics such as autofocus manual focus aperture priority shutter priority exposure compensation white balance and ISO sensitivity The book discusses the camera s numerous shooting modes as well as its menu options for shooting playback setup and special effects The book includes complete coverage of the Wi Fi features of the RX10 including the capability to transfer images and videos over a wireless network and to control the camera remotely with a smartphone or tablet The book includes more than 400 color photographs that illustrate the camera s controls display screens and menus The images also provide examples of the photographs that can be taken using the RX10 s Scene shooting mode with settings that are optimized for various subjects including landscapes portraits and action shots the Creative Style and Picture Effect menu options which offer dramatic options for altering the appearance of images and the camera s features for continuous shooting and shooting in dim lighting In addition the book provides introductions to topics such as infrared photography street photography astrophotography digiscoping and macro photography The book includes a full discussion of the advanced video recording abilities of the RX10 which can shoot high definition video with stereo sound with manual control of exposure and focus during movie recording and professional level features such as zebra stripes to gauge exposure and connections for external microphones and headphones In three appendices the book provides information about accessories for the RX10 including cases external flash units and microphones and includes a list of web sites and other resources for further information The book includes an appendix with quick tips on how to take advantage of the camera s features in the most efficient ways possible

Photographer's Guide to the Sony DSC-RX100 II Alexander S. White,2013-10-08 With the release of the DSC RX100 II camera Sony has built upon the success of the earlier RX100 model adding a hot shoe tilting LCD screen Wi Fi capability upgraded digital sensor and several other enhancements White Knight Press which published a widely praised guide to the RX100 has released this new guide book that addresses all of the new features of the RX100 II and includes a full discussion of the many advanced features that are common to both camera

models With the publication of Photographer's Guide to the Sony DSC RX100 II author Alexander White provides users of the RX100 II with a guide to all operations features menus and controls of the camera Using a patient tutorial like approach the book shows beginning and intermediate photographers not only how to accomplish things with the RX100 II but when and why to use the camera's many features The book does not assume specialized knowledge by the reader as it explains topics such as autofocus manual focus depth of field aperture priority shutter priority exposure compensation white balance and ISO sensitivity The book provides full details of the camera's numerous shooting modes as well as its many menu options for shooting playback setup and special effects The book includes full coverage of the new features of the RX100 II including the use of the camera's built in capability to transfer images and videos over a wireless network and to allow the camera to be controlled remotely by a smartphone or tablet The book includes approximately 400 photographs most in full color which illustrate the camera's controls shooting screens and menus The images also provide examples of the types of photographs that can be taken using the many creative settings of the camera including the Photo Creativity settings which let the photographer alter the color processing of images the Scene shooting mode with settings that are optimized for various subjects including landscapes portraits and action shots the Creative Style and Picture Effect menu options which offer dramatic options for altering the appearance of images and the camera's strong array of features for continuous shooting and shooting in dim lighting In addition the book goes beyond the bounds of everyday photography and provides introductions to more advanced topics such as infrared photography street photography astrophotography digiscoping and macro photography The book also includes a full discussion of the video recording abilities of the RX100 II which can shoot high definition HD video with stereo sound and which offers manual control of exposure and focus during movie recording In three appendices the book provides information about accessories available for the RX100 II including cases external flash units viewfinders and filter adapters and includes a list of web sites and other resources for further information Also the book includes a detailed appendix with helpful quick tips that give particular insights into how to take advantage of the camera's features in the most efficient ways possible

[Photographer's Guide to the Fujifilm X10](#) Alexander White, 2012-04 This book a complete guide to the operation and features of the Fujifilm X10 digital camera is a follow up to the author's earlier guides to advanced compact digital cameras including the Fujifilm X100 as well as models by Leica Panasonic Canon and Nikon The new book explains all operations features menus and controls of the Fujifilm X10 camera in clear language providing guidance not only about how to accomplish things with the camera but when and why to use certain features The book does not assume any specialized knowledge by the reader but explains topics such as shooting modes autofocus manual focus depth of field aperture priority shutter priority HDR High Dynamic Range photography white balance ISO and macro photography The book shows how to take advantage of the camera's unique CMOS sensor with Fujifilm's EXR technology This special sensor enables the camera to be configured for high resolution high sensitivity in dim lighting or high dynamic

range depending on the lighting conditions the photographer is faced with The book also provides guidance about the many the X10 s many other advanced settings including adjustments for Color Sharpness Highlight Tone Shadow Tone and numerous others The guide s more than 200 photographs almost all in full color provide illustrations of the camera s controls and menus and include examples of the various types of photographs that can be taken using the many creative settings of the camera including the Film Simulation settings which let the photographer alter the color processing and other aspects of images various menu options such as Dynamic Range and Intelligent Digital Zoom and the camera s strong set of features for continuous shooting In addition the book goes beyond everyday photography with introductions to more advanced topics such as infrared photography astrophotography digiscoping street photography and creating 3D three dimensional images that can be viewed with conventional red and blue 3D glasses The book also includes a full discussion of the video recording abilities of the Fujifilm X10 which can capture high definition HD video with stereo sound and can take silent slow motion movies to enable studies of sports and other actions In three appendices the book provides information about accessories available for the camera including cases filter adapters and external flash units sets forth a list of useful web sites and other resources for further information and includes a section with helpful quick tips that give particular insights into how to take advantage of the camera s features in the most efficient ways possible The book includes a detailed Table of Contents and a full Index so the reader can quickly find needed information about any particular feature or aspect of the camera

EOS Rebel T7 User Manual Cameron Dale, 2025-11-22 Master Your Canon EOS Rebel T7 DSLR Unlock the Full Power of Your Camera and Take Photos Like a Pro Are you ready to stop taking okay photos and start capturing stunning professional quality images with your Canon EOS Rebel T7 Whether you ve just unboxed your camera or you ve owned it for a while but still rely on Auto mode this complete step by step guide is the only book you ll ever need to master your Canon Rebel T7 DSLR and unleash your creative potential behind the lens Inside this user friendly fully updated manual you ll discover everything from beginner basics to advanced techniques written in plain English no tech jargon and zero guesswork What You ll Learn How to confidently shoot in Manual Aperture Priority Av and Shutter Priority Tv modes The exposure triangle ISO Shutter Speed Aperture explained simply The best autofocus settings for portraits action landscapes and low light scenes Step by step composition techniques to make every photo pop How to record high quality video using your Rebel T7 The secret to editing your images like a pro using free Canon software Expert tips for transferring backing up and organizing your photos A full guide to Canon EF and EF S lenses tripods filters flashes accessories Real world photography projects to boost your skills and grow your portfolio How to set up a DIY home studio and even start a photography business Each chapter is packed with practical tips to help you shoot with confidence and intention whether you re capturing family memories exploring travel photography or launching a creative side hustle Perfect For Total beginners who want to ditch Auto mode for good Hobbyists ready to take their photos to the next level New DSLR owners looking for a true Canon Rebel

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one comprehensive resource and reference for the exciting new Canon EOS R6 II full frame mirrorless camera The EOS R6 II boasts continuous shooting up to 40 frames per second in body image stabilization and a 24 MP sensor Its upgraded autofocus subject recognition now provides lightning fast tracking of people animals motor sports vehicles aircraft and trains Three available adapters make it easy to supplement your R mount lenses with a broad selection of legacy Canon EF and EF S optics The EOS R6 II has wireless connectivity to allow linking the camera to a computer and iOS or Android smart devices high definition 4K and Full HD movie making capabilities and a versatile swiveling touch screen LCD With this book in hand you can quickly apply all these advanced features to your digital photography while boosting your creativity to take great photographs with your Canon EOS R6 II Filled with detailed how to steps and full color illustrations David Busch s Canon EOS R6 II Guide to Digital Photography covers all this upscale camera s features in depth from taking your first photos through advanced details of setup exposure lens selection lighting and more and relates each feature to specific photographic techniques and situations Also included is the handy EOS R6 II roadmap chapter an easy to use visual guide to the camera s features and controls Learn when to use each option and more importantly when not to use them by following the author s recommended settings for every menu entry With best selling photographer and mentor David Busch as your guide you ll quickly have full creative mastery of your camera s capabilities whether you re shooting on the job as an advanced enthusiast or are just out for fun Start building your knowledge and confidence while bringing your vision to light with the Canon EOS R6 II today *Canon® Speedlite System Digital Field Guide, 2nd Edition* Brian McLernon,2010 Detailed coverage of Canon s four speedlite 580EX II 430 EX II 220 EX and the new 270 EX built exclusively for Canon DSLRs If you use a digital SLR camera then you understand just how critical it is to have a capable flash Canon Speedlite shines a whole new light on taking photos with a Canon DSLR This full color in depth guide takes you beyond the standard manual that accompanies the Speedlite and shows you the types of settings you can use on your camera when working with the Speedlite You ll explore the possibilities of wireless lighting with multiple speedlites as well as the creative effects you can achieve Author and professional photographer Brian McLernon demystifies setting up the speedlite synchronizing the speedlite equipment and determining lighting ratios Canon DSLRs are only growing in popularity and the Speedlite system is a must have accessory for exploring a new world of digital photo possibilities Shows you how to create an inexpensive and portable wireless studio lighting system that can go where you go Demystifies setting up the speedlite synchronizing the equipment and figuring out lighting ratios Covers other Canon lighting system components such as the ST E2 Speedlite Transmitter Macro Ring Lite and Macro Twin Lite Real world information on using these speedlites illustrated by full color examples and untangles the complexities of using the Canon Speedlite system *Speedliter's Handbook* Syl Arena,2015-07-29 For those new to flash photography or for anyone who has previously given up out of frustration Speedliter s Handbook Second Edition is a revelation Follow along as photographer Syl Arena takes you on a journey that begins with

an exploration of light and color moves through a comprehensive discussion of the Canon Speedlite family and all of the accessories and equipment available to the Speedlites and finally explores crafting great light in one photo shoot after another Whether you want to make a classic portrait photograph a group capture an important event or create dramatic color effects in your images Speedlite's Handbook shows you how In this fully updated second edition Syl includes all of the newest Canon gear including the radio enabled 600EX RT Speedlite and ST E3 Transmitter to ensure that you are completely up to date on all of the components in the Speedlite system He also includes a downloadable online supplement on the brand new 430EX III RT Speedlite Plus he covers his newest best practices and workflows so you can make the most of your Canon gear In this new edition you'll learn how to see the various properties of light itself as well as the differences between how your camera sees versus how you see use all the buttons and dials of the entire Canon Speedlite family from the flagship 600EX RT and the new 430EX III RT to vintage models like the 550EX understand the basics of on camera flash and the benefits of getting your Speedlite off the camera beautifully balance flash with the existing ambient light get amazing shots with just one Speedlite all the way up to a dozen Speedlites use the right Speedlite mode for the job E TTL Manual Multi and more use color gels to balance color as well as create dramatic effects tame the sun or any really bright light with high speed sync use Speedlites when photographing groups and events choose your camera's exposure settings to capture the shot that you truly want and much much more

David Busch's Canon EOS R5/R6 Guide to Digital Photography David D.

Busch, 2021-05-27 David Busch's Canon EOS R5 R6 Guide to Digital Photography is your all in one comprehensive resource and reference for the exciting new Canon EOS R5 and R6 full frame mirrorless cameras Enthusiasts can choose between the super high resolution of the R5's 45 megapixel sensor or the superior low light performance and action friendly high capacity buffer of the 20 megapixel R6 Both cameras boast continuous shooting up to 20 frames per second in body image stabilization and 1 053 Dual Pixel II phase detection AF points for lightning fast precise autofocus Their high resolution OLED electronic viewfinders provide a bright clear view Three available adapters make it easy to supplement your R mount lenses with a broad selection of legacy Canon EF and EF S optics The EOS R5 and R6 have wireless connectivity to allow linking to a computer and iOS or Android smart device high definition 4K and Full HD movie making capabilities and a versatile swiveling touch screen LCD With this book in hand you can quickly apply all these advanced features to your digital photography while boosting your creativity to take great photographs with your Canon EOS R5 or R6 Filled with detailed how to steps and full color illustrations David Busch's Canon EOS R5 R6 Guide to Digital Photography covers all this upscale camera's features in depth from taking your first photos through advanced details of setup exposure lens selection lighting and more and relates each feature to specific photographic techniques and situations Also included is the handy roadmap chapter an easy to use visual guide to the camera's features and controls Learn when to use each option and more importantly when not to use them by following the author's recommended settings for every menu entry With best selling

photographer and mentor David Busch as your guide you ll quickly have full creative mastery of your camera s capabilities whether you re shooting on the job as an advanced enthusiast or are just out for fun Start building your knowledge and confidence while bringing your vision to light with the Canon EOS R5 R6 today

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