

Using the LA-EA1 or LA-EA2 adaptor (sold separately), you can attach the full selection of S A-mount system lenses, which includes 34 current models and an installed base of millions of lenses worldwide. Operational restrictions apply.9

## Accepts image stabilized lenses

Selected E-mount lenses incorporate Optical SteadyShot® image stabilization to combat the effects of camera shake. Building stabilization into the lenses enables the camera body to be remarkably thin and light.

## Specifications

Camera	
Lens Compatibility	Sony E-mount lens, (Sony A-mount lenses when used with LA-EA1 or LA-EA2 lens adaptor)
Lens Mount	Sony E-mount
Camera Type	Sony E-mount interchangeable lens digital camera with built-in flash
Imaging Sensor	
Imaging Sensor	Exmor APS HD CMOS
Processor	BIONZ™ image processor
Anti Dust	Charge protection coating on Low-Pass Filter and electromagnetic vibration mechanism
Pixel Count	Approx. 16.7 megapixels
Effective Picture Resolution	Approx. 16.2 megapixels
Focal Length Conversion Factor	1.5x
Color Filter System	RGB primary color filter
Recording	
Media Type	Memory Stick PRO Duo™/P2™/HD Duo™, media SD, SDHC and SDXC memory card
Color Space	sRGB, AdobeRGB
Still Image Mode	JPEG (Standard, Fine), RAW, RAW+JPEG
Still Image Size L+J	L (14MP): 4912 X 2760 M (7.1MP): 3568 X 2000 S (3.4MP): 2448 X 1376
Still Image Size S-J	L (14MP): 4912 X 3264 M (8.4MP): 3568 X 2368 S (4.5MP): 2448 X 1624

Panorama Still Image Size	Sweep Panorama: Horizontal: 13416 x 1856 (23MP), Vertical: 5536 x 2160 (12MP), Standard: Horizontal: 8192 x 1856 (15MP), Vertical: 3872 x 2160 (8.4MP), 3D Sweep Panorama: 7152 x 1080 (7.7MP), Standard: 4912 x 1080 (5.5MP), 16:2: 1920 x 1080 (2.5MP)
Video Format	AVCHD / MP4 (H.264) / AVC (H.264)
Video Mode	AVCHD: 1920 x 1080/ 60i 100/50/30p/ FX, 50i/17Mbps/ FH, 24p/24Mbps/ FH, MP4 HD: 1440 x 1080/ 30p (29.97 Progressive), Approx. 12Mbps (Average bit-rate), MP4 VGA: 640 x 480/ 30p (29.97 Progressive), Approx. 3Mbps (Average bit-rate)
Video Resolution	MP4 HD: 1280 x 720/ 30p MP4 VGA: 640 x 480/ 30p
Audio Format	MPEG-4 AAC-LC

Optical/Lens	
Lens Mount Type	Sony E-mount
Aperture (Max.)	f/3.5-5.5
Aperture (Min.)	f/22-34
Focal Length (35mm Equivalent)	27mm-82.5mm (35mm equivalent)
Filter Diameter	49mm
Lens Construction	Metal
Lens Groups-Elements	9 groups, 11 elements (4 aspheric surfaces)
Minimum Focus Distance	9.8" (0.25m)
Angle of View	36° - 29°
Aperture Blade	7 blades (Circular aperture)
Aspheric Elements	4 aspheric surfaces

Dimensions (Max. Diameter x Length)	62 x 60mm
Direct Manual Focus	Yes
Exterior Finish	Metal
Focus Ring in AF Mode	No rotation
Internal Motor	Yes (Stepping motor)
Lens Weight	2.5oz (70g)
Low Noise During Movie Capture	Excellent
Maximum Magnification	0.25x (APS-C)
Mount Material	Metal
Non-rotating Focusing Ring	No rotation

## Viewfinder

Magnification	0.073x (APS-C) (when attached)
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## LCD Display

LCD Type	3.0" TFT (3rd Gen) LCD (921,600 pixels) w/TruBlack™ technology
Angle Adjustment	Up: Approx. 180 degrees, Down: Approx. 13 degrees
Brightness Control	Auto (-2 to +2 step sunny weather)
Coverage	100%
Live View	Yes, (Constant AF Live View)
Real-time image adjustment display	Yes (On/off)
Histogram	Yes (On/off)
Peaking	Yes (MF only, Level setting: High/Mid/Low/Off), Color: White/Red/Yellow
Grid Display	Yes (On/off)
Customization	Brightness: Auto, Manual, Sunny, Weather Display, Color: Black, White, Blue, Pink

## Focus Control

Focus System	Contrast-detection AF
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Focus Points	25 points
AF Modes	Single-shot AF, Continuous AF, Direct Manual Focus, Manual Focus
Focus Area	Multi Point AF (25 points), Center weighted AF, Flexible Spot AF
Focus Sensitivity	0 EV to +20 EV (at ISO100 conversion with F2.8 lens)
Manual Focus Assist	Magnified display for precise manual focus
Focus Features	Predictive Focus Control, Focus Lock, Tracking Focus
AF Illuminator	Built-in, LED type

## Exposure System

Picture Effects	Posterization, sColor, s/W, Pop Color, Retro Photo, Partial Color (s.C.s.Y), High Contrast Mono, Toy Camera, sGR High-key, Soft Focus, HDR Painting, Rich-tone Mono, Miniature
Auto Exposure Lock	Yes (AE Lock with focus lock)
Color Temperature	2500 - 9900 K with 16-step Magnified / Green compensation
Creative Style	Standard, Vivid, Portrait, Landscapes, Sunset, s/W, Saturation, Sharpness
Distance Optimizer	Yes (Auto, Level 1-5, Off)
Exposure Bracketing	3 continuous exposures in 0.3 or 0.7 EV steps
Exposure Compensation	±3.0 EV (in 0.3 EV steps)
Exposure Settings	AUTO, Program Auto (P), Aperture priority (A), Shutter priority (S), Manual (M), Sweep Panorama (20), Sweep Panorama (30), Anti Motion, Blue Picture Effect, Scene Selection

# Sony F3 Manual

**L Manion**



## **Sony F3 Manual:**

Photographer's Guide to the Sony RX10 III Alexander S. White, 2016-07-13 This book is a complete guide to using the Sony Cyber shot DSC RX10 III camera With this book author Alexander White provides users of the RX10 III with a manual covering all aspects of the camera's operation Using a tutorial like approach the book shows beginning and intermediate photographers how to accomplish things with the RX10 III and explains when and why to use the camera's many features The book provides details about the camera's shooting modes as well as its menu options for shooting playback setup and special effects The book covers all features of the RX10 III that are new for this model including its high quality zoom lens with a reach of 600mm its Zoom Assist feature which lets a photographer instantly pull back the zoom lens for a wide view before zooming back to a telephoto shot and its additional controls including a Focus Hold button on the side of the lens and a third Custom button which is available for programming by the user The book includes more than 450 color photographs that illustrate the camera's controls display screens and menus The images include examples of photographs taken using the RX10 III's Scene mode with settings optimized for subjects such as landscapes sunsets portraits and action shots and its Creative Style and Picture Effect menu options with settings for altering the appearance of images The book also provides introductions to topics such as street photography and infrared photography and includes details on using the camera's Wi-Fi features for transferring images to a smartphone or tablet or controlling the camera from such a device The book includes a full discussion of the video features of the RX10 III which can shoot HD and 4K ultra HD movies with manual control of exposure and focus during movie recording The book explains the camera's numerous features for professional level videography including Picture Profiles that allow adjustment of settings such as gamma curve black level knee and detail The book describes the steps for recording 4K video to an external video recorder using the clean video output from the camera's HDMI port In three appendices the book discusses accessories for the RX10 III including cases power sources remote controls microphones and external flash units and includes a list of websites 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 This guide to the RX10 III includes a detailed index so the reader can quickly find needed information about any particular feature or aspect of the camera

**Photographer's Guide to the Sony RX1R II** Alexander S. White, 2016-02-27 This book is a complete guide to using the Sony Cyber shot DSC RX1R II camera With this book author Alexander White provides users of the RX1R II with a manual covering all aspects of the camera's operation Using a tutorial like approach the book shows beginning and intermediate photographers how to accomplish things with this premium full frame camera and explains when and why to use the camera's many features The book provides details about the camera's shooting modes as well as its menu options for shooting playback setup and special effects The book covers all of the features of the RX1R II including its variable low pass filter fast autofocus system HD video recording and features for continuous shooting The book

includes more than 450 color photographs that illustrate the camera's controls, display screens and menus. The images provide examples of photographs taken using the RX1R II's Scene mode with settings optimized for subjects such as landscapes, sunsets, portraits and action shots, and the Creative Style and Picture Effect menu options with settings for altering the appearance of images. The book also provides introductions to topics such as street photography, astrophotography and digiscoping. It includes a full discussion of the video features of the RX1R II which can shoot HD movies with manual control of exposure and focus during movie recording. In three appendices, the book discusses accessories for the RX1R II including cases, power sources, remote controls and external flash units, and includes a list of websites 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. This guide to the RX1R II includes a detailed index so the reader can quickly find needed information about any particular feature or aspect of the camera.

**The Complete Guide to Sony's Alpha 58 SLT (B&W Edition)** Gary Friedman, 2013-06-13 Love your new 20 megapixel wonder but having a hard time understanding all of its functions? Then this book is for you. Written for the advanced user with tutorials and easy explanations, in case you're not so advanced, this easy-to-understand yet thorough guide provides a complete instruction manual which explains each feature in plain English and provides hundreds of visual examples as well. There is no better way to learn about and get the most out of your camera. More info at <http://friedmanarchives.com/alpha5>

**Photoshop CC: Essential Skills** Mark Galer, Philip Andrews, 2013-12-04 New to Photoshop? Looking to unlock the impressive power of Photoshop CC? Want to master image editing techniques and achieve professional level results? Then Photoshop CC Essential Skills is the resource you need. This book and companion website's proven combination of real world image editing examples, step-by-step projects and professional advice from two internationally recognized authors and Adobe Photoshop Ambassadors delivers an essential learning experience for beginner to intermediate Photoshop users. This self-study guide to Photoshop CC covers the foundational skills for photographers and image editors to get started before moving onto more advanced image editing and photomontage techniques. A complete section of step-by-step imaging projects and 10 hours of video tutorials on the companion website hone image editing skills to yield expert quality results.

**The Friedman Archives Guide to Sony's Alpha 6400 (B&W Edition)** Gary L. Friedman, 2019-04-22 New! Updated to cover new features in Firmware v2. Gary Friedman's ebooks for Sony cameras are known for their thoroughness and their readability, helping you cut through the complexities of your new digital camera and help you focus on how to get shots that make people say "Wow." This latest book on Sony A6400 covers every function and every detail and explains practical uses for every setting. Get the most out of your camera.

**Popular Photography**, 2002 *The Friedman Archives Guide to Sony's Alpha 9 (B&W Edition)* Gary L. Friedman, 2017-09-17 The Sony A9 needs no introduction, but if you're an owner of this incredible camera, you probably could use a friendly hand explaining the myriad of options and settings. In this book, which is aimed at the professional shooter,

every function in Mr Friedman s famous approachable easy to understand yet technically thorough style All focusing exposure and video modes are clearly explained and many suggestions for combinations of settings that lend themselves to certain shooting situations are explained     The Friedman Archives Guide to Sony's A9 II (B&W Edition) Gary L. Friedman,2020-01-24 Gary Friedman is renown for ebooks that combine technical insights remarkable thoroughness and an easy to read style In this 726 page book every feature is described in remarkable detail Including one I ll bet you haven t read about anywhere else Topics covered include Gary s personal camera settings All of the hidden features that are NOT in the menus All the different ways to tether the camera both wired and wireless All of the FTP options including how you can caption keyword and upload everything while still in the field His workflow for reducing high ISO noise using three different programs Untangling the alphabet soup that is video nomenclature How to communicate with your camera when it s off Join the legions of satisfied readers that have relied on Gary to get the most out of their digital cameras     **Popular Photography** ,1995-02     **Popular Photography** ,1996-06     **The Complete Guide to Digital Photography** Michael Freeman,2008 An illustrated introduction to digital photography examining hardware such as cameras computers scanners and printers and the relationship between them looking at image editing software tools and techniques featuring step by step instructions for taking professional quality photographs and discussing special effects options     **Popular Photography** ,1996-05     **Automotive Engineering** ,1992     **Computer Buyer's Guide and Handbook** ,1992     **Popular Photography** ,1994-04     **Digital Cinematography** David Stump,2014-03-21 First published in 2014 With the shift from film to digital a new view of the future of cinematography has emerged Today s successful cinematographer must be equal parts artist technician and business person The cinematographer needs to master the arts of lighting composition framing and other aesthetic considerations as well as the technology of digital cameras recorders and workflows and must know how to choose the right tools within their budget to get the job done David Stump s Digital Cinematography focusses primarily on the tools and technology of the trade looking at how digital cameras work the ramifications of choosing one camera versus another and how those choices help creative cinematographers to tell a story This book empowers you to both correctly choose the right camera and workflow for your project from today s incredibly varied options as well as understand the ins and outs of implementing those options Stump sheds a light on the confusing advantages and disadvantages of shooting theatrical features using digital technology and what it can or can t do Topics covered include Detailed coverage of Arriflex Blackmagic Canon Ikonoskop Panasonic Panavision Phantom Red Silicon Imaging Sony and Weisscam digital motion picture cameras Coverage of a wide variety of lenses including Angenieux Canon Cooke Fujinon Hawk Leica Panavision Red Schneider Sony UniqOptics Vantage and Zeiss Coverage of recorders displays and look management tools Exposure theory tips learn how to correctly expose digital cameras Focusing tips learn how to focus digital cameras correctly Checklists to help design digital workflows Practical tips on preparation prepare for shooting a digital motion picture like a professional

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      **Popular Photography** ,1995-06     *NASA Tech Briefs* ,1992

## **Sony F3 Manual** Book Review: Unveiling the Magic of Language

In a digital era where connections and knowledge reign supreme, the enchanting power of language has been apparent than ever. Its power to stir emotions, provoke thought, and instigate transformation is really remarkable. This extraordinary book, aptly titled "**Sony F3 Manual**," compiled by a very acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound affect on our existence. Throughout this critique, we shall delve into the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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