

DSC-HX20/HX20V/HX30/HX30V

SERVICE MANUAL

Ver. 1.2 2012.06

Internal memory
ON BOARD

Revised-2

Replace the previously issued
SERVICE MANUAL, S-404-455-02
with this Manual.

Photo: DSC-HX20/BLACK

LEVEL 2

US Model
Canadian Model
AEP Model
UK Model
E Model
Australian Model
Hong Kong Model
Chinese Model
Korea Model
Japanese Model

SERVICE NOTE (Check the following note before the service.)

- ENGLISH -

- 1-1. PRECAUTION ON REPLACING THE SY-325 BOARD
- 1-2. ADDITION OF DESTINATION DATA FILE
- 1-3. METHOD FOR COPYING OR ERASING THE DATA IN INTERNAL MEMORY
- 1-4. HOW TO WRITE DATA TO INTERNAL MEMORY
- 1-5. SELF-DIAGNOSIS FUNCTION
- 1-6. PROCESS AFTER FIXING FLASH ERROR
- 1-7. PRECAUTION ON REPLACING THE CABINET (BOTTOM)
- 1-8. CHECKING THE Wi-Fi FUNCTION
- 1-9. ORNAMENTAL RING & OR BARRIER ASSY REPLACING METHOD
- 1-10. ZOOM MOTOR GEAR BLOCK REPLACING METHOD
- 1-11. CAM TUBE (B) ASSY REPLACING METHOD
- 1-12. FINAL INSPECTION

- JAPANESE -

- 1-1. SY-325基板交換時の注意
- 1-2. Destination Data ファイルの追加について
- 1-3. 内蔵メモリのデータコピーおよび消去方法
- 1-4. 内蔵メモリーヘデータを書き戻す方法
- 1-5. 自己診断機能
- 1-6. フラッシュエラー発生時の対処法
- 1-7. キャビネット (底) 交換時の注意
- 1-8. Wi-Fi機能の確認

DIGITAL STILL CAMERA

SONY

Revision History

Ver.	Date	History	Contents	S.M. Rev. record
1.0	2012.02	Original Version	---	---
1.1	2012.05	Revised-1 (S-7 13-600)	<ul style="list-style-type: none"> - Addition of SELF-DIAGNOSIS Page 1-5, 1-10, 1-11, 1-13, 1-14 - Addition of REPLACING THE ORNAMENTAL RING & OR BARRIER Page 1-9, 1-9, 1-10, 1-11, 1-12 - Correction of ACCESSORIES Page 1-6 - Addition of Note 	Yes
1.2	2012.06	Revised-2 (S-7 13-600)	<ul style="list-style-type: none"> - Addition of ZOOM MOTOR GEAR BLOCK Page 1-10, 1-10, 1-11, 1-12 	Yes

The components identified by
mark & or noted by with mark
& are critical for safety.
Replace only with part number
specified.
The components marked with part
number in this manual are not
critical for safety.

Sony Hx20v Manual

Edwards Weber



Sony Hx20v Manual:

The Complete Guide to Sony's Cyber-Shot RX-100 (B&W Edition) Gary Friedman,2012-10-11 Love your new 20 megapixel wonder but having a hard time configuring it or 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/RX100>

Sony DSC-RX10 IV User Guide Luther Yange,2025-06-14 Master your Sony DSC RX10 IV and unlock its full potential with this comprehensive easy to follow guide Whether you re a complete beginner or an enthusiast eager to elevate your photography this book is your ultimate companion for maximizing every feature of this powerful all in one camera From initial setup to professional level customization you ll discover practical instructions expert tips and creative techniques to capture stunning photos and cinematic videos Inside this guide you ll learn how to Set up your RX10 IV the right way for photography and video Master autofocus modes exposure settings and creative styles Shoot professional quality videos with expert audio and video settings Capture breathtaking slow motion footage using High Frame Rate HFR recording Use wireless connectivity features like Wi Fi NFC and Bluetooth Customize controls assign functions and create a workflow that suits your style Maintain your camera for peak performance and longevity Troubleshoot common issues with step by step solutions Unlock hidden features and expert level shortcuts for professional results Perfect for photographers vloggers and filmmakers this user friendly manual will guide you to make the most of your investment in the Sony DSC RX10 IV whether you re capturing landscapes portraits wildlife or cinematic productions

Sony DSC-RX10 IV Beginner's Guide Happiness Anikwe,2025-06-14 Unlock the full potential of your Sony DSC RX10 IV with this comprehensive beginner s guide designed to take you from unboxing to capturing stunning photos and professional quality videos Whether you re completely new to photography or upgrading to the powerful RX10 IV this manual breaks down complex features into easy to follow steps Discover how to navigate the camera s advanced menu system master exposure settings and shoot breathtaking portraits landscapes wildlife and videos Inside you ll learn How to set up your camera for the first time Pro techniques for sharp focus and vibrant colors Secrets to leveraging the 25x optical zoom for wildlife and sports photography Step by step guidance for stunning 4K videos and high speed action shots Essential tips on lighting composition creative filters and more How to transfer edit and share your photos wirelessly Troubleshooting common issues with practical solutions Filled with expert advice clear explanations and practical shooting tips this book is your complete companion for mastering the Sony DSC RX10 IV and elevating your photography skills

Sony RX100 VII Premium Compact Camera Manual for Beginners Hector Brad,2019-12-26 The Sony RX100 VII Premium Compact Camera Manual for Beginners is the complete guide to using the Sony RX100 VII Premium Compact Camera This book was made with the

beginner in mind and is great for seniors and first time Sony RX100 VII users I have put this book together to assist people who are finding it difficult to use this amazing camera and the features it comes with and I can assure you that will you appreciate all the tips inside This book is the best user manual you need to guide you on how to use and optimally maximize your camera This book has comprehensive tips in depth tutorials for First time user seniors and experts and by the time you ve finished reading this book you ll be a pro Click the buy button to get yours *Sony RX100 VII User Guide* Curtis G Fierro,2021-06-28 The Sony Camera is arguably the best camera out there Powerful Takes great pictures and videos And does just about everything It is easy to use for some people absolutely But if you ve never used it before or if you have used it but want to get more out of it the truth is that this camera is a little intimidating because there are countless innovations and new features packed into this camera that it may seem overwhelming to use and enjoy However I have put this book together for but novice and expert Sony camera users All you need to become an expert and get the most out of your Sony RX100 VII Camera is right here This user guide will show you how to set up and maximally use all the essential features packed into your camera This guide also contains both simple and advanced directions tips and tricks that will help you in using some awesome features This guide is perfect for beginners and Sony experts and it is a practical approach to show you everything you need to know to get up and running and much more This book helps you discover your Camera full functionality and newest capabilities It is a practical guidebook with step by step ways to help you take full benefit of all the excellent features built in this Sony RX100 VII camera Scroll up and click on the BUY NOW WITH 1 CLICK to start **Sony DSC-RX10 IV**

Beginners Guide Julian Roberto,2025-06-26 Unlock the full power of your Sony DSC RX10 IV with this complete beginner friendly guide Whether you re new to photography or just unboxing your Sony RX10 IV this easy to follow manual will help you get started with confidence Packed with expert insights clear instructions and practical shooting techniques Sony DSC RX10 IV Beginners Guide walks you through every essential feature from basic setup to capturing professional quality photos and videos Inside this comprehensive guide you ll discover A complete overview of the RX10 IV s powerful capabilities Step by step setup for first time users How to master intelligent auto manual and custom modes Pro level tips for exposure autofocus metering and composition Detailed advice for portraits landscapes sports travel and low light scenes How to shoot cinematic 4K videos with S Log2 frame rate control and sound settings Slow motion time lapse and creative mode techniques Wireless features remote shooting and file transfers Must have accessories maintenance advice and firmware updates

[Sony XR 7071 Service Manual](#) Sony (Great Britain) Ltd, **The Sony ZV-E10 User Guide** Jason K Manuals,2025-08-04 Master the Sony ZV E10 with Confidence Whether you re a beginner content creator vlogger or photography enthusiast the Sony ZV E10 User Guide by Jason K Manuals is your ultimate companion to unlock the full potential of this powerful mirrorless camera This easy to follow guide walks you through setup shooting modes video recording photography tips and connectivity features like live streaming and file sharing Learn how to use Product Showcase mode create stunning 4K videos

and optimize settings for portraits selfies and low light scenes Packed with step by step instructions expert tips and troubleshooting solutions this manual makes mastering the Sony ZV E10 simple even for beginners Ideal for Vloggers YouTubers hobbyists and anyone looking to get the most out of their ZV E10 **Sony Fx30 User Guide** ZOELY.

FORTNITE,2025-03-17 Mastering the Sony FX30 From Setup to Cinematic Storytelling Ever felt that twinge of frustration knowing your Sony FX30 could do more but you weren t quite sure how to unlock its full potential You re not alone This isn t just another dry manual It s the guide I wish I d had when I first started the one that bridges the gap between technical specs and cinematic vision This is about more than buttons and menus it s about transforming your ideas into breathtaking footage Hi I m Zoey Fortnite I ve spent years behind the lens wrestling with gear chasing light and learning the hard way through countless shoots late night edits and the constant pursuit of that perfect shot I ve poured all that experience all those aha moments into this guide I m not just a technical writer I m a filmmaker just like you I know the challenges the frustrations and the incredible satisfaction of creating something truly special And I know the FX30 inside and out Let me help you skip the painful learning curve and get straight to creating Benefits Demystify the FX30 Go from confused to confident with clear step by step instructions Master Essential Settings Unlock the power of Picture Profiles autofocus modes and audio recording Elevate Your Storytelling Learn cinematic techniques from composition to camera movement Troubleshoot Like a Pro Solve common problems quickly and efficiently Streamline Your Workflow Discover time saving tips and tricks for shooting and editing Go Beyond the Manual Get real world advice insider secrets and practical examples Stop Guessing Start Creating Gain the knowledge to confidently execute your vision Ready to feel the power of your FX30 Don t let your creative vision be limited by technical hurdles Don t settle for good enough when you know you re capable of stunning This guide isn t just about learning the camera it s about empowering you It s about taking control unleashing your creativity and finally capturing the images you ve always dreamed of Grab your copy today and start your journey to cinematic mastery *Sony FX2 User Guide* Zoey Fortnite,2025-06-30 Master Your Camera and Take Your Creativity to the Next Level Are you ready to unlock the full potential of your Sony FX3 camera As a professional filmmaker or content creator you know that having the right tools and knowledge can make all the difference in producing high quality content This user guide is designed to help you get the most out of your Sony FX3 from basic operation to advanced techniques With years of experience in filmmaking and camera operation I ve created this comprehensive guide to help you navigate the features and functions of your Sony FX3 Whether you re a seasoned pro or just starting out this guide will provide you with the knowledge and confidence to take your filmmaking to the next level Benefits of the Guide Master your camera Learn the ins and outs of your Sony FX3 from basic operation to advanced features Improve your skills Develop your filmmaking skills with expert tips and techniques Troubleshoot common issues Quickly resolve common problems and get back to shooting Stay up to date Get the latest information on firmware updates and new features Shoot with confidence Know your camera inside and out Create stunning

visuals Use advanced techniques to take your filmmaking to the next level Troubleshoot with ease Quickly resolve common issues and get back to shooting Unleash Your Creativity With this guide you ll be able to unlock the full potential of your Sony FX3 and take your filmmaking to new heights Don t let technical issues hold you back get the knowledge and confidence you need to create stunning visuals and tell compelling stories Get Your Copy Today Order now and start mastering your Sony FX3 *SONY ZV-1F USER GUIDE* Steve C. DiCarlo, Sony ZV 1F User Guide ends the guesswork and lets your pocket camera shine If confusing menus blown out highlights or stubborn Bluetooth have kept you from recording this guide delivers a clear fix In one quick read you will learn the exact setup steps for crisp 4K steady focus true to life color and smooth phone pairing A compact troubleshooting section also kills common problems before they derail a shoot Pick up the guide press record with confidence and turn every vlog tutorial or product review into polished share ready content

All-New PlayStation 5 User Guide, Newbie to Expert in 2 Hours Edwards Weber,2020-11-25 Here it is This is the All New Playstation Manual that should have come in the box Here it is This is the All New Fire 7 User Manual that should have come in the box This Book contains views tips and tricks of our favorite PlayStation Console From the Number 1 Best Selling authors in Computers and Technology this clear and concise guide will show you how to get the very best from the incredible new PlayStation 5 Step by step instructions will take you from newbie to expert in just two hours **The Complete Guide to Sony's NEX 5R and 6 Cameras (B&W edition)** Gary Friedman,2013-04-03 Love your NEX camera but having a hard time understanding all that it does Then this book is for you This easy to understand guide provides a complete instruction manual which explains each feature in plain English and provides hundreds of visual examples In this book you ll learn What every mode button and function does in plain language The secrets of taking outstanding photos Details about the innovative features such as Anti Motion Blur Handheld Twilight Sweep Panorama and more All about the movie mode All you need to know about attaching legacy glass to your NEX How to get the benefits of shooting RAW A set of Tip cards you can print showing Gary s Personal Camera Settings Get the most out of your investment and improve your photography at the same time This book is also available as an instantly downloadable pdf file at <http://friedmanarchives.com> NEX 5 6 *Sony Cyber-shot DSC-RX100 VII User Guide* Zoey Fortnite,2025-05-26 Master Your RX100 VII Unleash Your Creative Vision Ever wonder what incredible moments you re missing That sleek Sony Cyber shot DSC RX100 VII in your hand isn t just a camera it s a gateway to capturing the world as you truly see it with unparalleled precision and breathtaking detail But are you truly harnessing its full potential As a seasoned photographer and guide writer I ve spent years demystifying complex technology helping countless enthusiasts like you transform their aspirations into stunning realities I know the frustration of owning powerful gear and feeling overwhelmed by its features That s why I ve distilled years of practical experience and deep dives into the RX100 VII into this user guide not just a manual but your personal roadmap to photographic mastery This isn t about memorizing buttons it s about understanding the why behind each setting the how to

achieve your desired results and the what it feels like to finally capture that perfect shot you've always dreamed of Unlock Your Camera's True Power Effortlessly navigate the RX100 VII's advanced menus and settings Master autofocus modes to nail every decisive moment from fleeting smiles to fast-paced action Unlock cinematic video capabilities and tell your stories in stunning 4K Discover hidden features that elevate your photography and workflow Confidently create breathtaking images regardless of lighting conditions Imagine the regret of looking back and realizing you missed the shot because you weren't sure how to capture it Don't let that happen Your most precious memories deserve to be preserved with the clarity and brilliance they truly possess This guide isn't just about learning it's about experiencing the sheer joy of creating the satisfaction of perfectly freezing time and the pride of sharing your unique perspective with the world Stop wondering Start creating Get your copy today and transform your photographic journey

Sony Service Manual Soni Kabushiki Kaisha,1974* *Sony A7 IV User Guide* Nora B Seth,2025-07-08 This book is an independent user guide created for educational purposes only It is not affiliated with endorsed by or sponsored by Sony Corporation All trademarks and product names are the property of their respective owners The content in this guide is provided solely to help users learn and get the most from their Sony A7 IV camera Are you ready to unleash the true potential of your Sony A7 IV This isn't just any camera it's a sophisticated full frame powerhouse built for stunning photography and cinematic video But all that technology can feel overwhelming without the right guide Don't let confusing menus buried features or missed shots hold you back Whether you're a professional looking to master every detail or an enthusiast eager to move beyond auto mode SONY A7 IV USER GUIDE is your ultimate companion for understanding controlling and truly enjoying your camera This user guide is carefully crafted to take you far beyond the basics It's not a dry technical manual it's an engaging practical and highly readable resource that feels like sitting down with a mentor who knows this camera inside and out Each chapter is designed to help you build real skill and confidence from first setup and customizing controls to mastering autofocus and exposure exploring creative shooting modes and producing professional quality video With a clear conversational style this book breaks down even the most advanced settings so you can apply them in real world scenarios making it perfect for photographers and videographers at every level You'll learn not only what each button does but when and why to use it Want to nail tack sharp wildlife photos with Eye AF Shoot gorgeous 4K video with cinematic S Log color Back up your files seamlessly in the field This guide shows you how step by step with practical tips recommended settings and expert insights And because it's designed for real use in real conditions you'll find solutions for common issues and smart maintenance practices that protect your investment for years to come Imagine the confidence of picking up your A7 IV and knowing it's set up exactly how you want it No more second guessing settings while the light fades No more hunting through cryptic menus when the perfect shot appears Just you and your camera working seamlessly together to capture your creative vision This book empowers you to get there transforming the Sony A7 IV from an intimidating piece of tech into an extension of your artistic eye It's more than just a

manual it's an educational guide built for learning You'll develop not only technical competence but also the understanding to make artistic choices with intention With clear explanations of complex topics like exposure metering autofocus modes lens selection video profiles and file management you'll find yourself growing as both a technician and an artist Whether you're preparing for a professional shoot documenting life's moments or simply exploring your love of photography this guide ensures you're always ready to create at your highest level Don't settle for scratching the surface of what your Sony A7R V can do Make the most of your investment with this comprehensive user friendly and educational manual designed specifically to unlock its full potential Grab your copy of **SONY A7R V USER GUIDE The Essential Manual for Unleashing Your Camera's Potential** by NORA B SETH today and turn your camera into the creative partner you always wanted Learn it Master it Use it to tell your story Because your vision deserves the best and so does your craft

Sony A7r V User Guide KEVIN S. DIXON, 2025-02-08 Unlock the Extraordinary Your Comprehensive Guide to the Sony a7R V Imagine capturing the world in breathtaking detail with unparalleled precision and artistic freedom The Sony a7R V is a marvel of imaging technology boasting a groundbreaking 61.0MP full frame sensor and cutting edge AI powered autofocus But with such immense power comes a world of possibilities that can seem daunting to navigate This is where the Sony a7R V User Guide becomes your indispensable companion Whether you're a seasoned professional or an ambitious enthusiast this comprehensive guide empowers you to Master the core functionalities From understanding exposure settings and focus modes to navigating the menu system with ease you'll gain complete control over your a7R V Capture stunning images in any scenario Unleash the power of 61.0MP to capture landscapes bursting with detail portraits with incredible depth and action shots frozen in time Learn the secrets to low light photography wildlife photography and astrophotography Elevate your videography Explore the a7R V's advanced video capabilities including 8K movie recording and 4K oversampled footage Discover how to achieve cinematic results with professional techniques Harness the power of AI Experience the revolutionary AI driven autofocus system that tracks subjects with unprecedented accuracy Learn how to utilize advanced features like Real time Eye AF and Real time Tracking for flawless focus in every shot Optimize your workflow Master in camera image processing techniques and discover how to edit your photos like a pro Learn essential skills for color grading noise reduction and sharpening Here's what awaits you inside Crystal clear explanations Jargon free language and step by step instructions make complex concepts easy to grasp regardless of your experience level Inspiring visuals Hundreds of high quality photographs and illustrations showcase the a7R V's capabilities and inspire your creative vision Practical tips and tricks Discover insider secrets and expert advice to overcome challenges and achieve professional results Customizable settings Learn how to personalize your a7R V to perfectly match your shooting style and preferences More than a manual this book is your key to unlocking the true potential of your Sony a7R V Don't let the power of your a7R V remain untapped Embrace the extraordinary with the Sony a7R V User Guide and embark on a journey of photographic excellence Order your copy today and transform your

photography forever *The Complete Guide to Sony's RX-100 MK3 (B&W Edition)* Gary L. Friedman, 2014-10-06 Love your new 20 megapixel wonder but having a hard time understanding and configuring all those features 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 Get the most out of your investment Learn about the wonders of digital imaging and improve your photography at the same time More info at FriedmanArchives com RX100 MK3 **Sony Zv-1 User Guide** John Jarrod, 2025-06-17 Sony ZV 1 User Guide Unlock the full potential of your Sony ZV 1 with the ultimate Sony ZV 1 User Guide your all in one resource designed to help you master this powerful compact camera quickly and easily Whether you re a beginner just starting your vlogging journey or an experienced creator aiming to elevate your content quality this guide has everything you need to know The Sony ZV 1 is a game changer in the world of compact cameras specially designed for vloggers content creators and photographers who want professional results without the bulk But with so many features packed into this sleek device it can be overwhelming to navigate on your own Inside this comprehensive guide you ll discover Step by step instructions to set up your Sony ZV 1 and get shooting immediately How to optimize the camera settings for stunning video and crisp photos in any environment Expert tips on autofocus modes image stabilization and low light shooting Detailed explanations of the built in microphone options and how to enhance your audio quality Creative ideas for vlog styles framing and composition to engage your audience Maintenance and troubleshooting advice to keep your camera in top shape This guide is packed with clear visuals practical tips and insider secrets that help you unlock features you might not even know existed Whether you want to shoot cinematic videos high quality selfies or capture stunning stills the Sony ZV 1 User Guide will be your trusted companion every step of the way Don t let confusion slow you down take control of your Sony ZV 1 and start creating content that stands out Perfect for vloggers YouTubers travel enthusiasts and anyone passionate about photography and videography Ready to become a Sony ZV 1 pro Grab your copy now and start capturing breathtaking videos and photos with confidence **Sony RX10 IV User Guide** ZOEY. FORTNITE, 2025-05-19

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