

# DSC-HX50/HX50V

## SERVICE MANUAL

Ver. 1.0 2013.04

### LEVEL 2

Internal memory  
ON BOARD

Photo: DSC-HX50/HX50V

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

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

#### • ENGLISH •

- 1-1. PRECAUTION ON REPLACING THE SY-1018 BOARD
- 1-2. ADDITION OF DESTINATION DATA FILE
- 1-3. CHECKING THE Wi-Fi FUNCTION
- 1-4. METHOD FOR COPYING OR ERASING THE DATA IN INTERNAL MEMORY
- 1-5. HOW TO WRITE DATA TO INTERNAL MEMORY
- 1-6. SELF-DIAGNOSIS FUNCTION
- 1-7. PROCESS AFTER FIXING FLASH ERROR
- 1-8. ORNAMENTAL RING & QR BARRELER ASSY REPLACING METHOD
- 1-9. 3 GROUP FRAME BLOCK ASSY REPLACING METHOD
- 1-10. FINAL INSPECTION

#### • JAPANESE •

- 1-1. SY-1018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. Wi-Fi機能の確認
- 1-4. 内蔵メモリーのデータコピーおよび消去方法
- 1-5. 内蔵メモリーヘデータを書き戻す方法
- 1-6. 自己診断機能
- 1-7. フラッシュエラー発生時の対処法

DIGITAL STILL CAMERA

# SONY

For components identified by mark ①, it is subject only with mark ② are subject to safety.  
Replace only with part number specified.

For components identified by mark ③, it is subject to safety and replacement is subject to safety.  
For the replacement, please use the part number specified in the service manual.

## Revision History

Ver.	Date	History	Contents	S.M. No. Revised
1.0	2013.04	Initial Release	---	---

# Sony Hx50 Manual

**Alexander S. White**



## **Sony Hx50 Manual:**

*QST.* ,1968

*Hi-fi News* ,2002

*CQ* ,1968

## **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 DSC-RX100 VII User Guide 2025** George L

Reyes,2025-08-23 Master Your Sony RX100 VII The Pocket Camera with Pro Level Power You ve got your hands on the incredible Sony RX100 VII a compact powerhouse that delivers DSLR quality images advanced autofocus and stunning 4K video all in a body small enough to fit in your pocket But with its deep menu system overwhelming customization options and professional level features you might be feeling lost instead of confident You re not alone The RX100 VII is an amazing tool but only if you know how to unlock its potential That s exactly what this guide is designed to help you do Sony RX100 VII Master User Guide 2025 is your beginner friendly plain English manual for getting the absolute most out of your camera whether you re a casual shooter travel vlogger hobbyist photographer or content creator This guide walks you through every essential feature with crystal clear instructions easy to follow visuals and real world tips that make learning fast fun and frustration free Inside you ll discover how to Master the RX100 VII s autofocus system including Real Time Eye AF for people pets and wildlife Choose the right shooting mode Auto P A S M for any situation Unlock pro level video features like S Log3 HLG and 4K at high bitrates Customize your function buttons control ring and memory recall modes for a seamless shooting experience Take perfect portraits low light shots long exposures and macro photos Pair your camera wirelessly with phones tablets or laptops for instant transfer and remote shooting Create social media ready content using built in filters touchscreen focus and flip screen vlogging tools Use editing software like Lightroom and Capture One to enhance your RAW photos and cinematic video footage Clean protect and maintain your RX100 VII for long term performance Troubleshoot overheating focus errors and other common issues like a pro Follow a complete 30 Day RX100 VII Mastery Plan that builds your skills step by step Whether you re documenting your travels creating YouTube content capturing family memories or exploring the world of creative photography this guide helps you turn your RX100 VII into an extension of your artistic vision Sony RX100 VII Master User Guide 2025 is ideal for beginners advanced amateurs and even seasoned photographers looking to master Sony s most powerful compact camera No fluff No jargon Just everything you need to take jaw dropping photos and videos with confidence Disclaimer This is an independent publication created for educational purposes It is not affiliated with

sponsored by or endorsed by Sony Corporation All product names trademarks and registered trademarks are the property of their respective owners

[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 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 DSC-RX100 VII User Guide** Tara Lumen,2025-11-02 This book is an independent educational guide written to help users understand and operate the Sony DSC RX100 VII camera It is not affiliated with authorized or endorsed by Sony Corporation Master your Sony RX100 VII with ease this clear step by step user guide takes the confusion out of modern photography Whether you re a beginner senior or everyday user this book helps you get the most out of your compact camera without jargon or frustration The Sony DSC RX100 VII User Guide simplifies every part of using this advanced camera from setup and shooting to editing and maintenance Written in plain English it offers real world solutions for common beginner challenges like blurry photos complicated menus and tricky lighting You ll learn how to confidently capture sharp professional looking photos and videos using easy practical instructions Every chapter focuses on comfort clarity and confidence ideal for anyone who wants better results without relying on technical manuals Whether you re traveling documenting family moments or exploring creative photography this guide shows you exactly what to do and why it works Inside You ll Learn How to set up charge and personalize your Sony RX100 VII step by step Tips for shooting in Auto Manual and Low Light modes with professional results Secrets to mastering focus exposure and color balance easily Simple methods for organizing transferring and protecting your photos Practical troubleshooting tips for freezing blurry images or memory errors Essential care and cleaning habits to keep your camera working like new Start using your Sony RX100 VII with confidence today With this guide every feature becomes approachable and every setting makes sense     [SONY DSC-RX100 VII User Guide for Beginners 2025](#) George Stoll,2025-10-02 Tired of missing the perfect shot Do you have a SONY RX100 VII and feel overwhelmed by all the features Unleash the full potential of your camera and start taking stunning photos and videos today This isn t your average confusing camera manual This user guide is specifically designed for beginners cutting through the jargon to teach you exactly what you need to know Learn how to master key functions like autofocus aperture and shutter speed Discover pro tips for shooting in different light conditions and capturing sharp vibrant images Whether you re a new owner or looking to improve your skills this guide will help you understand your camera s most powerful features Imagine effortlessly capturing breathtaking landscapes striking portraits and smooth professional looking video With this guide you ll gain the confidence to shoot in manual mode turning fleeting moments into timeless memories Stop relying on auto settings and start creating the high quality content you ve always dreamed of Take control of your camera and elevate your photography Buy the SONY DSC RX100 VII User Guide for Beginners 2025 now and start creating incredible images today     [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 both 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's 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 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 DSC-RX100 VII User Guide* REYES. V. HARTLEY, 2025-09-24 Master Your Sony DSC RX100 VII Pocket Power with Beginner-Friendly Guidance The Sony DSC RX100 VII isn't just another compact camera; it's a pocket-sized powerhouse that blends portability with pro-level performance. With its 1-inch stacked CMOS sensor, 24-200mm Zeiss zoom lens, lightning-fast Real Time Eye AF, and 4K video capabilities, this little camera redefines what's possible in a compact body. Whether you're traveling the world vlogging for YouTube or simply preserving everyday memories, the RX100 VII gives you the tools to capture them with clarity and style.

But with deep menus countless settings and advanced features getting started can feel overwhelming That s where this guide comes in a clear step by step roadmap designed to help beginners and enthusiasts alike unlock the full potential of the RX100 VII without frustration Packed with structured lessons real world examples and pro tips this handbook makes the complex simple and empowers you to shoot with confidence From unboxing your camera to mastering advanced creative controls you ll quickly go from casual snapshots to polished professional quality images and videos Inside you ll learn how to Set up your RX100 VII insert memory cards and configure essential settings for smooth performance Navigate buttons dials and menus without getting lost Capture stunning photos in Auto Mode before moving into Program Aperture Priority Shutter Priority and Manual Master focus modes Eye AF white balance and ISO for sharper cleaner results Shoot cinematic 4K video slow motion and time lapse with professional audio Explore creative tools like HDR panorama picture effects and long exposure photography Share your work instantly via Wi Fi and Bluetooth or connect with PlayMemories and Imaging Edge Customize controls menus and presets for action portraits vlogs or travel shooting Keep your camera in top shape with cleaning tips firmware updates and troubleshooting guides Every chapter is written in plain English avoiding jargon and packed with visuals checklists and easy to follow steps By the end you won t just know how to use your Sony RX100 VII you ll feel confident turning fleeting moments into striking memorable images Perfect for beginners picking up their first advanced compact hobbyists seeking professional results without the bulk of a DSLR vloggers who want cinematic quality on the go and travelers looking for a creative partner that fits in a pocket

**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

**Photographer's Guide to the Sony DSC-HX80 and HX90V** Alexander S. White, 2017-03-23 This book is a complete guide to the Sony Cyber shot DSC HX80 and HX90V cameras two highly versatile and pocketable superzoom models which offer a 30x optical zoom range from 24mm to 720mm With this book author Alexander White provides users of these two very similar models with a manual covering all aspects of the cameras operation Using a tutorial like approach the book shows beginning and intermediate photographers how to take still images and record video with the HX80 and HX90V and explains when and why to use the cameras many features The book provides details about the cameras automatic and advanced shooting modes as well as their menu options for shooting playback setup and using Wi Fi connections with in camera apps The book has more than 400 color photographs that illustrate the cameras controls display screens and menus The images also provide examples of photographs taken using the cameras 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 that alter the appearance of images The book also provides introductions to topics such as street photography macro photography and getting the most benefit from the superzoom lens The book includes a full discussion of the video features of the HX80 and HX90V which can shoot HD movies and which offer manual control of exposure during movie recording In three appendices the book discusses accessories for both models including cases power sources and remote controls 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 cameras features in the most efficient ways possible

**SONY A7 III USER GUIDE** BRADFORD M. MOORE, Unlock the full power of your Sony A7 III with the guide designed to remove confusion eliminate overwhelm and turn every beginner into a confident creator Whether you re switching from a smartphone or upgrading from an older camera this step by step manual shows you exactly how to set up control and master your A7 III without the stress The Sony A7 III is a powerful full frame camera but its menu system features and advanced tools can feel intimidating This user friendly guide breaks everything down into clear explanations practical examples and simple instructions that anyone can follow No jargon No guesswork Just results Inside you ll discover a complete roadmap that takes you from your first setup to shooting with confidence Every chapter is crafted to save you time avoid common mistakes and help you capture photos and videos that genuinely stand out What makes this guide different is its clarity organization and real world simplicity Each feature is explained in plain language using familiar examples helpful illustrations and practical tips you can apply immediately

**HERE S WHAT YOU LL LEARN INSIDE** How to set up your A7 III correctly from day one Essential controls and what each button on the camera really does The fastest ways to navigate menus and customize the camera to your style How to use autofocus modes for portraits action and low light Step by step exposure training for crisp bright and accurate shots Mastering ISO shutter speed and aperture without confusion How to shoot stunning 4K video with clean clear settings Smart focusing tricks for moving subjects and fast scenes Professional shortcuts to speed up your shooting workflow How to choose the right shooting mode for any situation White balance tips for natural accurate colors How to use Picture Profiles and creative styles effectively Best settings for portraits landscapes travel and everyday use Memory card setup storage tips and file management Wi Fi and smartphone connection for quick transfers Power saving settings to extend battery life Troubleshooting fixes for common A7 III issues Recommended accessories and lens suggestions Practical shooting templates you can copy instantly If you want to capture photos and videos you ll be proud of this is your complete companion to mastering the Sony A7 III Take control of your camera Take control of your creativity Get your copy now and start shooting with confidence today

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*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

*Sony RX1R III User Guide* Alex Aperture, 2025-10-12 Sony RX1R III User Guide Manual Master the art of photography and videography with the Sony RX1R III User Guide Manual your ultimate companion to unlocking the full potential of Sony s premium compact camera Designed for beginners and seasoned photographers alike this comprehensive guide provides a clear engaging and step by step roadmap to harnessing the RX1R III s cutting edge features including its 61 megapixel full frame sensor Zeiss 35mm f 2 lens and 4K video capabilities Whether you re capturing breathtaking stills or cinematic footage this manual ensures you get the most out of your camera with practical advice creative techniques and troubleshooting tips Spanning 12 detailed chapters the guide covers every aspect of the RX1R III from initial setup to advanced creative workflows Getting Started Chapters 1 3 Learn the essentials unboxing setup battery management and basic controls Understand the camera s compact design intuitive interface and key components like the multi interface shoe and fixed LCD Mastering the Basics Chapter 4 Dive into proper handling focus modes and basic shooting techniques to ensure sharp well composed images from day one Shooting Modes Chapter 5 Explore Auto Program Aperture Priority Shutter Priority Manual Scene and Creative modes to match any scenario from quick snapshots to controlled artistic shots Advanced Photography Features Chapter 6

Take control with exposure compensation metering white balance ISO drive modes and focus assists like Peaking and Magnification for precision and creativity Video Recording Chapter 7 Capture stunning 4K videos with optimized settings audio enhancements via external mics stabilization techniques and in camera editing for polished clips Playback and Image Management Chapter 8 Review zoom edit rate and organize your high resolution photos and videos directly on the camera for efficient workflows Customization and Menus Chapter 9 Personalize buttons dials and menus save custom setups and keep your camera updated with the latest firmware for peak performance Connectivity and Sharing Chapter 10 Seamlessly transfer files via Wi-Fi Bluetooth USB or SD card and integrate with the Sony Imaging Edge Mobile app for remote shooting and sharing Maintenance and Care Chapter 11 Keep your camera pristine with lens and sensor cleaning battery care recommended accessories e.g. tripods flashes and troubleshooting tips for common issues Advanced Techniques and Tips Chapter 12 Elevate your craft with creative photography techniques bokeh long exposures black and white and optimized video workflows for professional results Each section is packed with beginner friendly explanations practical examples and pro tips tailored to the RX1R III's unique strengths such as its high resolution sensor and lack of in-body stabilization Clear illustrations highlight key controls menus and sample images while step-by-step instructions ensure you can apply settings confidently Whether you're shooting dreamy portraits dynamic street scenes or cinematic videos this guide empowers you to create stunning visuals with ease With a focus on clarity and accessibility the Sony RX1R III User Guide Manual is perfect for photographers and videographers of all levels who want to master their camera's capabilities From setup to creative mastery this book is your go-to resource for capturing the world in unparalleled detail and sharing it effortlessly Get ready to transform your vision into reality with the Sony RX1R III

**SONY ALPHA 7C II User Guide** James J Carlos, 2025-10-02

Unlock the full potential of your Sony Alpha 7C II with a guide designed for photographers and videographers who want clarity confidence and creativity in every shot Whether you're just starting out or already exploring advanced techniques this step-by-step manual takes the mystery out of your camera and puts control firmly in your hands Inside you'll discover practical instructions expert tips and detailed walkthroughs covering everything from unboxing and initial setup to mastering exposure autofocus and advanced video features Learn how to customize buttons menus and settings for your personal workflow and explore creative shooting techniques that bring your images and videos to life This guide also includes troubleshooting solutions workflow tips and a complete glossary ensuring that no question goes unanswered From capturing stunning portraits to shooting cinematic video and from maximizing low light performance to using Sony exclusive features like Real Time Eye AF and S-Log every page is crafted to make you a more confident capable creator With over 340 pages of clear practical guidance you'll save time avoid frustration and get more out of your investment in one of Sony's most versatile cameras Whether at home on location or traveling this manual is your ultimate companion Grab your copy now and start capturing every moment with precision creativity and confidence your Sony Alpha 7C II deserves it

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

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## **Sony Hx50 Manual Introduction**

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