

Ricoh WG-80

Ricoh WG-80 Orange Waterproof Digital Camera Instruction Manual

Model: WG-80

1. INTRODUCTION

The Ricoh WG-80 is a rugged and versatile digital camera designed for capturing images and videos in challenging environments. Its robust construction ensures reliable performance underwater, in cold temperatures, and against impacts. This manual provides essential information for setting up, operating, and maintaining your camera.



Figure 1: Front view of the Ricoh WG-80 Orange Waterproof Digital Camera.

2. SETUP

2.1. Battery Installation and Charging

The WG-80 uses a Lithium Ion battery. Ensure the battery is fully charged before first use.

1. Open the battery/memory card compartment cover located on the side of the camera. Ensure the lock mechanism is disengaged.
2. Insert the battery with the correct orientation as indicated inside the compartment.
3. Close the cover securely and engage the lock mechanism to maintain waterproof integrity.
4. Connect the camera to a power source using the provided USB cable for charging. The charging port is located within the battery compartment.

2.2. Memory Card Insertion

The camera supports SD/SDHC/SDXC memory cards.

1. With the battery compartment open, insert the memory card into the designated slot until it clicks into place.
2. Close the compartment cover and secure the lock.

3. OPERATING THE CAMERA

3.1. Power On/Off

Press the power button located on the top of the camera to turn it on or off.

3.2. Basic Controls



Figure 2: Back view of the Ricoh WG-80 with LCD screen and control layout.

Familiarize yourself with the buttons on the back of the camera for navigation, mode selection, and playback.

3.3. Shooting Modes

The WG-80 offers various shooting modes to optimize your photography for different scenarios.

- **Underwater Mode:** Specifically designed for underwater photography, this mode optimizes color and contrast for images captured beneath the water surface.
- **Underwater Movie Mode:** Similar to the still mode, this optimizes video capture for underwater environments.
- **Macro Lights:** Six LED Macro Lights are positioned around the lens barrel to provide bright, uniform illumination for close-up shots. These lights feature 5-step brightness adjustment.



Figure 3: Underwater photography using Mermaid Mode, optimizing color and contrast.

WG-80

水中撮影も美しく 「マーメイドモード」

水中撮影時のホワイトバランスを最適化さし自然な発色で撮影
水中でのフラッシュ発光 OFF/ON で連続2枚撮りが可能
魚が逃げないように 1 枚目は OFF で撮影します



Figure 4: Macro photography with adjustable LED ring light, demonstrating weak vs. strong illumination.

3.4. Zoom and Image Capture

The camera features a 5x optical zoom lens. Use the zoom controls to adjust your focal length. The 16-megapixel CMOS image sensor ensures high-quality stills and 1080p video recording.

4. MAINTENANCE

4.1. Waterproof Integrity

To maintain the camera's waterproof capabilities (up to 14 meters), always ensure the battery/memory card compartment cover is clean and securely locked before exposing the camera to water. Regularly inspect the rubber seals for any dirt, sand, or damage.

4.2. Cleaning

- **Lens and LCD Screen:** Use a soft, lint-free cloth specifically designed for optical surfaces. Avoid abrasive materials.
- **Camera Body:** Wipe the camera body with a soft, damp cloth. For saltwater exposure, rinse the camera thoroughly with fresh water after use and dry completely.

5. TROUBLESHOOTING

If you encounter issues with your Ricoh WG-80, consider the following common solutions:

- **Camera not powering on:** Ensure the battery is fully charged and correctly inserted.
- **Cannot take photos/videos:** Check if a memory card is inserted and has sufficient free space. Ensure the camera is in the correct shooting mode.
- **Poor image quality:** Verify lens cleanliness. Adjust shooting mode or settings for current lighting conditions.
- **Water leakage:** Immediately power off the camera. Inspect all compartment seals for damage or foreign objects. Do not use the camera in water until the issue is resolved.

For more detailed troubleshooting or persistent issues, please refer to the full product manual or contact customer support.

6. SPECIFICATIONS



Figure 5: Key specifications and dimensions of the Ricoh WG-80.

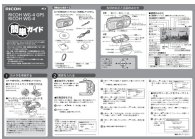
| Feature | Detail |
|----------------------------|------------------------------|
| Model Name | WG-80 |
| Manufacturer | Ricoh |
| Effective Still Resolution | 16 MP |
| Photo Sensor Technology | CMOS back-illuminated |
| Optical Zoom | 5x |
| Water Resistance Level | Waterproof (up to 14 meters) |
| Shockproof | Up to 1.6 meters (5.2 feet) |
| Freezeproof | Yes (down to -10°C / 14°F) |
| Crushproof | Up to 100 kgf (220 lbf) |
| Video Resolution | 1080p (Full HD) |
| Screen Size | 2.7 inches |
| Connectivity Technology | USB |
| Supported File Format | JPEG, RAW |
| Battery Type | Lithium Ion |
| Item Weight | 1.04 Pounds (approx. 470g) |




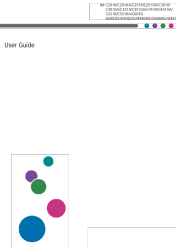
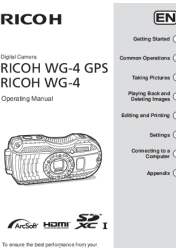
7. WARRANTY AND SUPPORT

For information regarding product warranty, technical support, or service, please refer to the warranty card included with your product or visit the official Ricoh Imaging website. Keep your proof of purchase for warranty claims.

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Related Documents - WG-80

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|  | <p>RICOH WG-4 GPS / RICOH WG-4 Quick Start Guide - Digital Camera Instructions</p> <p>Concise HTML guide for the RICOH WG-4 GPS and RICOH WG-4 digital cameras. Learn about included items, camera parts, setup, shooting, and playback. Features waterproof, dustproof, and shockproof capabilities.</p> |
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|  | <p>Waterproof Camera Precautions and Usage Guide</p> <p>This document provides essential precautions for using the camera in water, covering pre-use checks, post-use care, and maintenance for optimal waterproof performance. It includes instructions in multiple languages.</p> |
|  | <p>Ricoh WG Series Waterproof Camera Usage Guide</p> <p>This guide provides essential precautions for using Ricoh WG-6, WG-7, G900, and G900SE cameras in water, covering pre-use checks, post-use cleaning, and maintenance for optimal waterproof performance.</p> |
|  | <p>Ricoh WG Series Waterproof Camera Usage Guide</p> <p>Essential precautions and instructions for using Ricoh WG series waterproof cameras in and after water submersion. Covers proper handling of seals, cleaning, and maintenance for optimal waterproof performance.</p> |
|  | <p>Ricoh IM C Series User Guide: Operation and Specifications</p> <p>Comprehensive user guide for Ricoh IM C2010, C2510, C3010, C3510, C4510, C5510, and C6010 series multifunction printers, covering operation, maintenance, troubleshooting, and specifications.</p> |
|  | <p>RICOH WG-4 GPS / RICOH WG-4 Operating Manual</p> <p>Comprehensive operating manual for RICOH WG-4 GPS and RICOH WG-4 digital cameras, detailing features, functions, safety precautions, and care instructions.</p> |