Ricoh WG-M1

Ricoh WG-M1 Action Camera User Manual

Model: WG-M1

1. Introduction

The Ricoh WG-M1 is a rugged action camera designed for capturing high-quality photos and videos in challenging environments. It features a waterproof, shock-resistant, and cold-resistant design, making it suitable for various outdoor activities. This manual provides essential information for setting up, operating, and maintaining your camera.



Front view of the Ricoh WG-M1 Action Camera, showing the LCD screen and main control buttons.

2. Package Contents

Verify that all items are present in the package:

- Camera Body
- Battery
- USB Cable

3. Setup

3.1 Charging the Battery

1. Insert the provided Lithium Ion battery into the camera's battery compartment.
2. Connect the camera to a power source using the supplied USB cable. The charging indicator will illuminate.
3. Charging is complete when the indicator light turns off.

3.2 Inserting a Memory Card

The Ricoh WG-M1 uses Micro SD cards for storage.

1. Open the memory card slot cover.
2. Insert a Micro SD card into the slot with the contacts facing the correct direction until it clicks into place.
3. Close the memory card slot cover securely to maintain waterproof integrity.

3.3 Powering On/Off

- To power on, press and hold the **ON/OFF** button.
- To power off, press and hold the **ON/OFF** button again until the camera shuts down.

4. Operating the Camera

4.1 Basic Controls



The Ricoh WG-M1 features a fast f/2.8 ultra-wide angle 160-degree lens.

- **ON/OFF Button:** Powers the camera on or off.
- **REC Button:** Starts and stops video recording or captures still images.
- **MENU Button:** Accesses the camera's settings menu.

- **OK Button:** Confirms selections in the menu.
- **PLAY Button:** Enters playback mode to view recorded content.

4.2 Shooting Modes

The camera supports various shooting modes, including still photography and Full HD video recording (1080p at 30fps).

- **Still Image Mode:** Captures 14-megapixel high-resolution images.
- **Video Mode:** Records Full HD video with efficient H.264 compression.
- **Time-Lapse:** Creates a movie from a series of still images. Note that this mode produces a single .MOV file.

4.3 Wi-Fi Connectivity

The WG-M1 features Wi-Fi for remote control and image transfer via a dedicated smartphone/tablet application.

1. Enable Wi-Fi on the camera through the menu settings.
2. Download and install the Ricoh WG-M1 application on your smartphone or tablet.
3. Connect your device to the camera's Wi-Fi network.
4. Use the application to control camera functions, view live footage, and transfer files.

5. Advanced Features and Usage

5.1 Rugged Design

The WG-M1 is built to withstand harsh conditions:

- **Waterproof:** Submersible up to 33 feet (10 meters) for 1 hour without a separate housing, when using the underwater lens protector.
- **Shock-Resistant:** Protects against drops from up to 6 feet (2 meters).
- **Cold-Resistant:** Operates in temperatures as low as 14°F (-10°C).





The WG-M1 is designed for various outdoor activities, including surfing, snowboarding, and camping.



The camera's waterproof design allows for use in water sports like paddleboarding.

5.2 Mounting Options

The camera includes a built-in tripod socket for versatile mounting. Various accessories can be used to attach the camera

to helmets, surfboards, or other gear.



The WG-M1 can be mounted on a helmet for hands-free recording.



Another view of the camera mounted on a helmet, demonstrating secure attachment.

6. Maintenance and Care

6.1 Cleaning

- Wipe the camera body with a soft, damp cloth.
- For the lens, use a lens cleaning cloth and solution. Avoid abrasive materials.
- After use in saltwater, rinse the camera thoroughly with fresh water and dry completely.

6.2 Waterproof Seal Inspection

Regularly inspect the rubber seals around the battery and memory card compartments for any dirt, debris, or damage. A compromised seal can lead to water leakage.

- Ensure no foreign particles are trapped in the seals.
- Do not use sharp objects to clean the seals.
- If a seal appears damaged, contact customer support for replacement or service.

6.3 Battery Care and Storage

- Store the camera and battery in a cool, dry place away from direct sunlight.
- For long-term storage, charge the battery to approximately 50% capacity.
- Avoid exposing the battery to extreme temperatures.

7. Troubleshooting

7.1 Camera Does Not Power On

- Ensure the battery is fully charged.
- Check that the battery is inserted correctly.

7.2 Wi-Fi Connection Issues

- Verify Wi-Fi is enabled on the camera and your smart device.
- Ensure the Ricoh WG-M1 app is installed and up to date.
- Check compatibility of your smart device's operating system with the app (e.g., Android 4.0-4.3).
- Restart both the camera and your smart device.

7.3 Settings Reset After Power Off

Some settings may revert to default upon powering off. Reconfigure desired settings after each power cycle if this occurs.

7.4 Water Leakage

If water enters the camera, immediately power it off and remove the battery. This issue is often due to improper sealing of the battery or memory card compartments. Ensure all covers are securely closed and seals are clean and undamaged before underwater use.

8. Specifications

Feature	Specification
Model Number	WG-M1
Product Dimensions	2.6 x 3.5 x 1.7 inches
Item Weight	7.2 ounces
Photo Sensor Technology	CMOS
Effective Megapixels	Approximately 14.0
Video Capture Resolution	1080p (1920x1080) at 30 frames per second
Maximum Aperture	f/2.8
Lens Angle	Ultra-wide angle 160 degrees
Flash Memory Type	Micro SD
Screen Size	1.5 Inches
Connectivity Technology	Wi-Fi
Waterproof Depth	Up to 33 feet (10 meters) for 1 hour (with underwater lens protector)
Shock Resistance	Up to 6 feet (2 meters)
Cold Resistance	Down to 14°F (-10°C)

Battery Type	1 Lithium Ion battery (included)

9. Safety Information

- Do not attempt to disassemble or modify the camera.
- Keep the camera away from strong magnetic fields.
- Avoid exposing the camera to extreme temperatures beyond its specified operating range.
- Ensure all covers are securely closed before using the camera in wet or dusty environments.

10. Warranty and Support

For warranty information, please refer to the warranty card included with your product or visit the official Ricoh website. For technical support or service inquiries, please contact Ricoh customer service.

You can find more information and support resources on the official Ricoh website:www.ricoh.com

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