## Ricoh R02010

# Ricoh GR III Digital Compact Camera User Manual

Model: GR III (R02010)
Brand: Ricoh

Overview Setup Operation Maintenance Troubleshooting Specifications Warranty Support

## 1. Product Overview

The Ricoh GR III is a compact digital camera designed for high-quality photography, emphasizing portability and intuitive control. It features a 24MP APS-C CMOS sensor and a fixed 28mm equivalent F2.8 lens, making it ideal for street photography and everyday use. The camera incorporates advanced features such as 3-axis, 4-stop Shake Reduction and a hybrid AF system for precise and responsive focusing.




Figure 1.1: Front view of the Ricoh GR III Digital Compact Camera.

### Key Features:

- **24 MP CMOS Sensor with Accelerator Unit:** Delivers remarkable image quality, supporting multi-tone 14-bit RAW image recording.
- **3-Axis, 4-Stop Shake Reduction:** Ensures sharp images even in challenging low-light conditions.
- **3-inch Air-Gapless Capacitive Touch LCD Screen:** Provides complete menu control, focus, and shutter release functionality.
- **Hybrid AF System:** Combines contrast-type AF for precision and phase-detection type AF for high-speed focusing.
- **Wireless LAN Functions:** Easy pairing with mobile devices via the Image Sync application for Live View, remote shutter release, and command sending.
- **Full HD Movie Recording:** Captures video at 1920 x 1080 pixels at 60 frames per second in H.264 format.
- **Flash Compatibility:** Compatible with Pentax AF 201, AF360 FGZ II, and AF 540 FGZ II Flashes.

## 2. Initial Setup

### 2.1. Battery Installation and Charging

The Ricoh GR III uses a Lithium-Ion battery. Ensure the battery is fully charged before first use.

1. Locate the battery compartment cover on the bottom of the camera.
2. Slide the latch to open the cover.
3. Insert the battery into the compartment, ensuring the correct orientation as indicated by the diagram inside the compartment.
4. Close the battery compartment cover until it clicks securely into place.
5. Connect the camera to a power source using the provided USB cable and power adapter. The camera supports in-camera charging via USB. The charging indicator light will illuminate during charging and turn off when complete.

### 2.2. Memory Card Installation

The camera supports SDXC flash memory cards. A memory card is required to store photos and videos.

1. With the battery compartment open, locate the memory card slot.
2. Insert the SDXC card into the slot with the label facing the correct direction (usually towards the front of the camera), until it clicks into place.
3. To remove the card, gently push it inward until it springs out, then pull it out.

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Video 2.1: This video demonstrates the physical handling of the Ricoh GR III, including the battery and memory card compartment, and the lens mechanism. It provides a visual guide to the camera's compact design and basic setup steps.

## 3. Operating the Camera

### 3.1. Power On/Off and Basic Controls

To power on the camera, press the **ON/OFF** button located on the top panel. The lens will extend. To power off, press the button again. The camera features a mode dial for selecting various shooting modes including Program, Manual, Aperture Priority, and Shutter Priority.

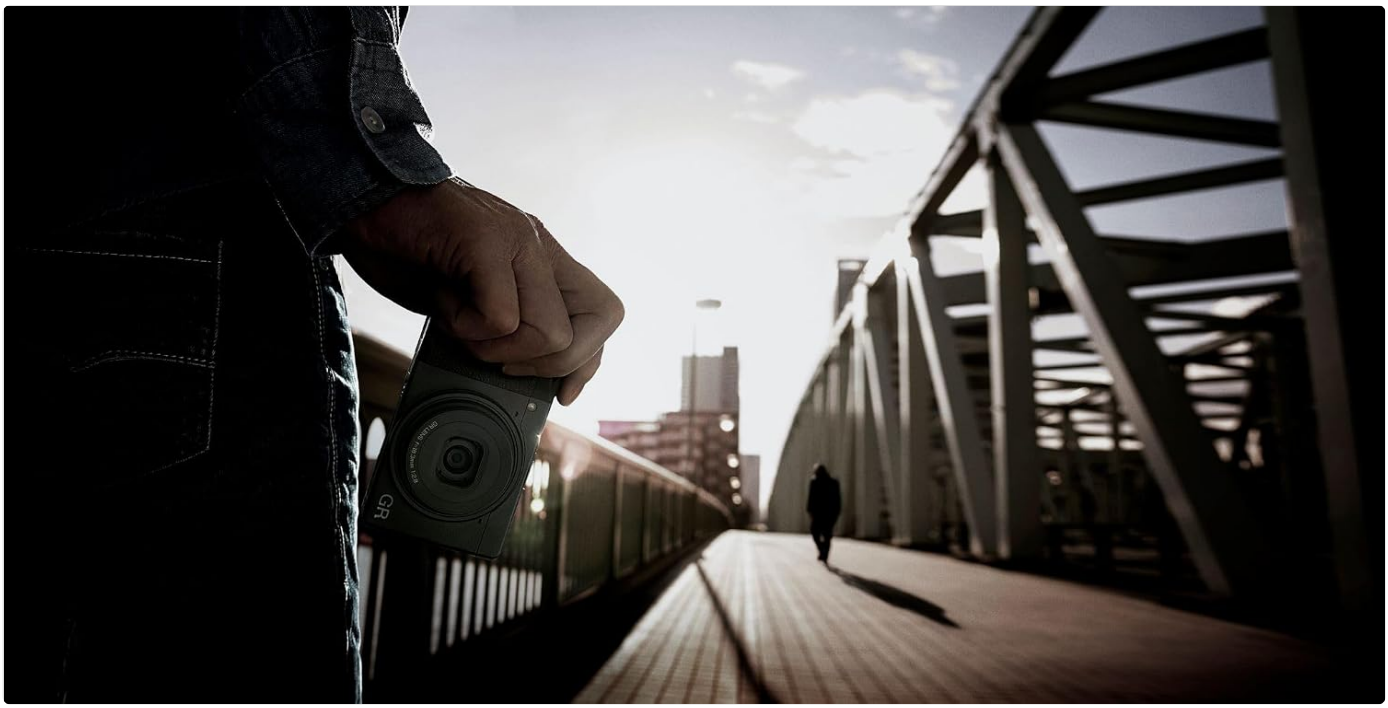


Figure 3.1: The Ricoh GR III's compact design allows for easy one-handed operation, highlighting its portability.

### 3.2. Touchscreen Operation

The 3-inch capacitive touch LCD screen allows for intuitive control. You can tap to select focus points, release the shutter, and navigate menus. Swipe gestures may also be used for image review and settings adjustments.

### 3.3. Autofocus System

The GR III employs a hybrid autofocus system, combining the precision of contrast detection with the speed of phase detection. This system ensures fast and accurate focusing in various lighting conditions. Multiple AF modes are available, including Face Detection.

### 3.4. Image Stabilization

The built-in 3-axis, 4-stop Shake Reduction mechanism minimizes camera shake, allowing for sharper images, especially in low light or when shooting handheld at slower shutter speeds.

### 3.5. Wireless Connectivity (Wi-Fi & Bluetooth)

Utilize the camera's wireless LAN functions to connect to smartphones or tablet computers. Download the dedicated "Image Sync" application to your mobile device to enable remote control, live view display, and easy transfer of images.

### 3.6. Video Recording

To record videos, switch the camera to movie mode. The GR III supports Full HD (1920 x 1080 pixels) recording at 60 frames per second in H.264 format. Ensure sufficient memory card space for video capture.

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Video 3.2: This video provides a detailed comparison and hands-on demonstration of the Ricoh GR III and GR IIIx cameras, highlighting their shared features, differences in lenses, and accessory compatibility. It offers insights into their practical use for various photography styles.

## 4. Maintenance and Care

### 4.1. Cleaning the Camera

- Use a soft, lint-free cloth to wipe the camera body. For stubborn dirt, slightly dampen the cloth with water.

- For the lens, use a lens brush or a blower to remove dust, then gently wipe with a micro-fiber lens cloth. Avoid touching the lens surface with your fingers.
- The camera features a sensor dust removal system. If dust spots appear on images, activate the sensor cleaning function through the camera's menu.

### 4.2. Battery Care

- Store batteries in a cool, dry place when not in use.
- Avoid fully discharging the battery frequently to prolong its lifespan.
- If the camera will not be used for an extended period, remove the battery.

## 5. Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| Camera does not power on. | Battery is depleted or incorrectly inserted. | Charge the battery. Ensure the battery is inserted correctly. |
| Images are blurry. | Incorrect focus, camera shake, or dirty lens. | Ensure proper focus. Utilize Shake Reduction. Clean the lens. |
| Cannot connect to Wi-Fi/Bluetooth. | Incorrect settings or interference. | Check Wi-Fi/Bluetooth settings on both camera and mobile device. Ensure "Image Sync" app is installed and updated. |
| Memory card error. | Card is full, corrupted, or incompatible. | Delete unnecessary files or use a new card. Format the card (this will erase all data). Ensure card is SDXC compatible. |

## 6. Technical Specifications

| Feature | Detail |
|---|---|
| Model Name | GR III |
| Sensor Type | CMOS |
| Photo Sensor Resolution | 24 MP |
| Photo Sensor Size | APS-C |
| Lens Type | Wide Angle (GR Lens 18.3mm, 28mm Equiv F2.8) |
| Image Stabilization | Dynamic (3-axis, 4-stop Shake Reduction) |
| Display Type | 3-inch Air-Gapless Capacitive Touch LCD |
| Video Resolution | FHD 1080p (1920 x 1080 pixels, 60 fps) |
| Connectivity Technology | Wi-Fi, Bluetooth, USB 3.0 |
| Supported File Format | JPEG, RAW DNG (14bit) |
| Memory Card Type | SDXC (UHS-I, Class 10, V30) |
| Item Weight | 257 Grams |

| Feature | Detail |
| --- | --- |
| Dimensions (Height) | 6.2 centimeters |

## 7. Warranty Information

The Ricoh GR III Digital Compact Camera comes with a**1 Year Manufacturer's Warranty**. Please retain your proof of purchase for any warranty claims. For detailed terms and conditions, refer to the official Ricoh warranty documentation included with your product or visit the Ricoh support website.

## 8. Customer Support and Resources

For further assistance, frequently asked questions, and software updates, please visit the official Ricoh support website. You can also download the complete User Manual in PDF format for comprehensive information.

**Official User Manual (PDF): Download Here**

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