GODOX MF-R76

GODOX MF-R76 Macro LED Ring Flash Speedlite User Manual

Comprehensive instructions for setting up, operating, and maintaining your GODOX MF-R76 Macro LED Ring Flash Speedlite, including compatibility, features, and troubleshooting.

1. Introduction

The GODOX MF-R76 Macro LED Ring Flash Speedlite is designed to provide versatile and precise lighting for macro photography. This manual will guide you through its features, setup, operation, and maintenance, ensuring you can effectively utilize its capabilities for detailed close-up shots.

2. Safety Information

Please read and understand the following safety precautions before using the GODOX MF-R76 Macro LED Ring Flash Speedlite to prevent injury or damage to the product.

- Do not disassemble or modify the product. Unauthorized modifications can lead to malfunction or electric shock.
- Keep the unit dry. Do not operate with wet hands or expose to rain or moisture.
- Keep out of reach of children. This product contains small parts and electronic components.
- Do not use in environments with flammable gases or liquids, as this may cause explosion or fire.
- Observe the maximum shutter speed of 1/250s. Exceeding this speed may result in frame loss or improper flash synchronization.
- Avoid direct eye exposure to the flash light, especially at high power settings, as it can cause temporary vision impairment.

3. Package Contents

Verify that all items listed below are included in your package:

- 1 x GODOX MF-R76 Macro Ring Flash Unit
- 1 x USB Charge Cable

- 1 x Type-C USB Cable
- 1 x Charging Cable
- 1 x Lithium Battery
- 8 x Adapter Rings (49mm, 52mm, 55mm, 58mm, 62mm, 67mm, 72mm, 77mm)
- 1 x EACHSHOT Cleaning Cloth



Image: All components included in the GODOX MF-R76 Macro Ring Flash package, including the flash unit, controller, cables, battery, adapter rings, and cleaning cloth.

4. Product Overview

The GODOX MF-R76 features an intuitive design for macro photography. Key components and features include:

- **Dual-Flash Tube Design:** Two independent flash tubes allow for separate brightness control, enabling diverse lighting effects and precise light-to-dark ratios.
- **Adjustable Power Output:** Flash power can be adjusted from full power (1/1) down to 1/128 in 1/3 stop increments, offering 10 distinct power levels.

- **Focus Assist Lamps:** Integrated focus assist lamps with 10 brightness adjustments facilitate easier focusing and composition in challenging low-light conditions.
- **User-Friendly LCD Screen:** A clear LCD displays essential parameters such as output power, current mode, and battery level in real-time.
- **Rechargeable Lithium Battery:** The included high-capacity lithium battery provides approximately 660 full-power flashes, ensuring extended shooting sessions. The battery is interchangeable with Godox V1/VB26/WB100 series batteries.



Image: Close-up view of the GODOX MF-R76 controller unit's LCD screen, showing flash power settings for tubes A and B, and battery indicator.



Image: The GODOX MF-R76 Macro Ring Flash unit positioned in front of a flower, illustrating its application in macro photography.

5. Setup

5.1 Battery Installation and Charging

1. Insert the provided lithium battery into the battery compartment of the controller unit. Ensure correct polarity.
2. To charge the battery, connect the USB charge cable to the controller unit and a suitable USB power source. The charging cable is also provided for this purpose.



Image: The rechargeable lithium battery next to the GODOX MF-R76 controller unit, highlighting its power source and capacity for 660 flashes.

5.2 Attaching to Camera

1. Slide the controller unit's hot shoe mount onto your camera's hot shoe.
2. Secure the controller unit by tightening the locking mechanism on the hot shoe mount.
3. Ensure your camera has a single-contact hot shoe for compatibility. The MF-R76 is compatible with most Canon, Nikon, Sony, Fuji, Olympus, and Panasonic DSLR cameras.



Image: A compatibility chart showing various camera hot shoe types, indicating which single-contact hot shoes are compatible with the GODOX MF-R76.

5.3 Attaching to Lens

1. Identify the filter thread diameter of your camera lens.
2. Select the corresponding adapter ring from the included set (49mm, 52mm, 55mm, 58mm, 62mm, 67mm, 72mm, 77mm).
3. Screw the chosen adapter ring onto the front filter thread of your lens.
4. Attach the ring flash unit to the adapter ring, ensuring it is securely fastened.



Image: The GODOX MF-R76 Macro Ring Flash unit attached to a camera lens, demonstrating the physical connection for operation.

6. Operating Instructions

6.1 Power On/Off

Press and hold the power button on the controller unit to turn the flash on or off. The LCD screen will illuminate upon power-on.

6.2 Adjusting Flash Power

1. Use the control dial and associated buttons on the controller unit to navigate through power settings.
2. Adjust the flash output from 1/1 (full power) to 1/128 in 1/3 stop increments. There are 10 distinct power levels available.

6.3 Dual-Flash Control

The MF-R76 features two flash tubes (A and B) that can be controlled independently:

- Access the A/B control settings on the LCD screen.
- Adjust the power output for flash tube A and flash tube B separately to create desired lighting ratios and effects.
- You can choose to fire both tubes simultaneously or activate only one tube at a time.

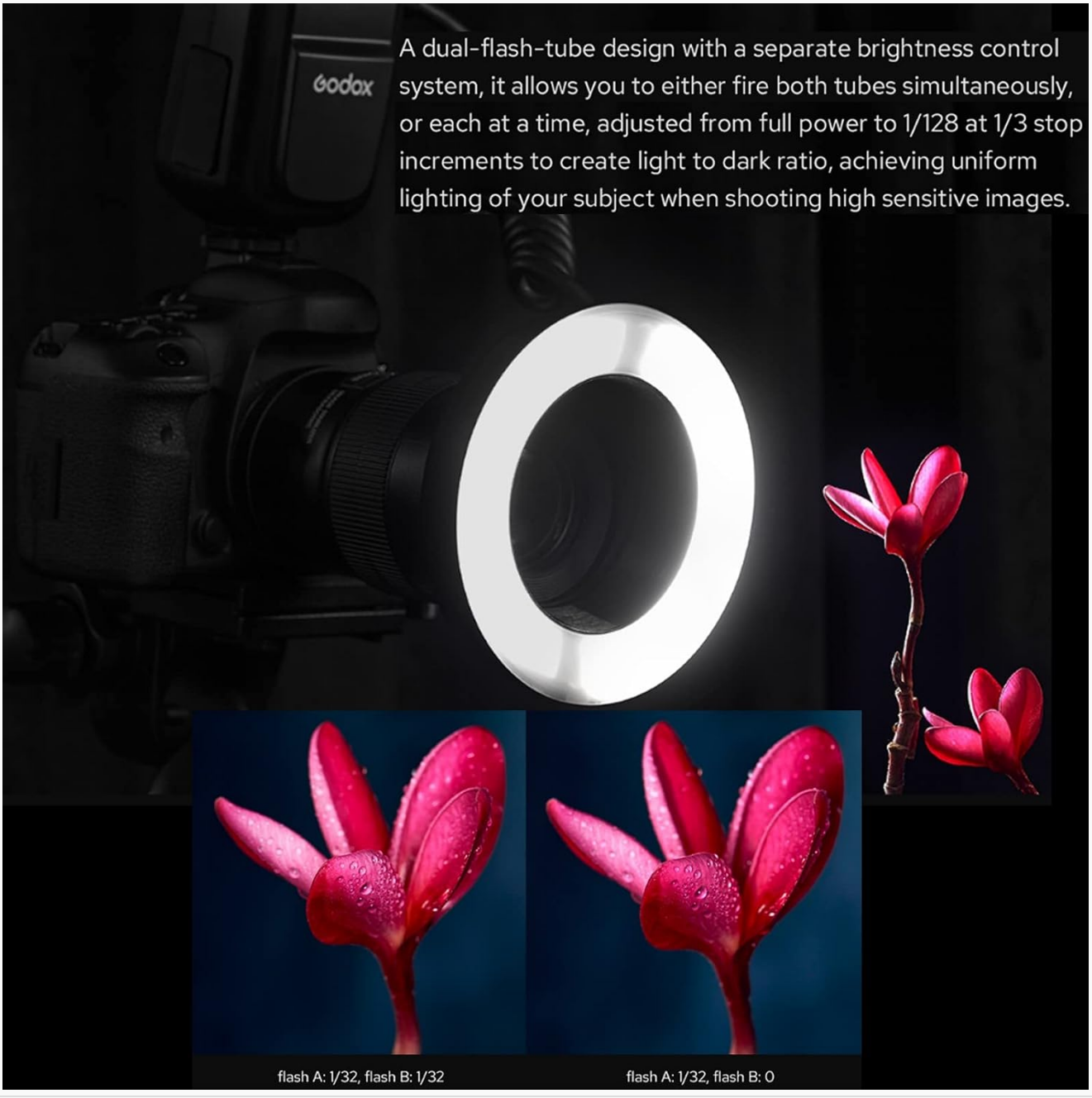


Image: Demonstration of the GODOX MF-R76's dual-flash tube control, showing how individual tubes can be adjusted for varied lighting effects on a subject.

6.4 Using Focus Assist Lamps

To aid in focusing in low-light conditions:

- Activate the focus assist lamps via the controller unit.
- Adjust the brightness of the focus assist lamps through 10 available levels to suit your shooting environment.



Image: The GODOX MF-R76 Macro Ring Flash with its focus assist lamps illuminated, highlighting its ability to improve focusing accuracy in low-light macro photography.

6.5 Shutter Speed Considerations

For optimal performance and to avoid issues such as frame loss, ensure that your camera's shutter speed does not exceed 1/250s when using the GODOX MF-R76.

7. Maintenance

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the flash unit and controller. For stubborn marks, a slightly damp cloth can be used, followed by immediate drying. Avoid harsh chemicals or abrasive materials.
- **Storage:** When not in use, store the GODOX MF-R76 in a cool, dry, and dust-free environment. Remove the battery if storing for extended periods.
- **Environmental Protection:** Protect the unit from extreme temperatures, high humidity, and direct sunlight.

8. Troubleshooting

Problem	Possible Cause	Solution
Flash does not fire.	Low battery; Controller not securely mounted; Incorrect camera settings.	Charge or replace the battery. Ensure the controller is firmly seated in the camera's hot shoe. Verify camera flash settings are appropriate.
Inconsistent flash or frame loss.	Shutter speed exceeds 1/250s.	Reduce camera shutter speed to 1/250s or slower.
Ring flash unit does not attach to lens.	Incorrect adapter ring size.	Ensure you are using the correct adapter ring (49, 52, 55, 58, 62, 67, 72, 77mm) for your lens filter thread.
Controller unit does not fit camera hot shoe.	Camera hot shoe is not single-contact compatible.	Verify your camera's hot shoe type. The MF-R76 is designed for single-contact hot shoes (e.g., most Canon, Nikon, Fuji, Olympus, Panasonic, Pentax DSLR cameras). Some Sony models may require specific adapters or versions.

9. Specifications

- **Model:** MF-R76
- **Brand:** GODOX
- **Product Dimensions:** 9.84 x 8.27 x 2.36 inches
- **Item Weight:** 1.98 pounds
- **Battery:** 1 Lithium Ion battery (included)
- **Flash Type:** Macro Ring Flash
- **Power Adjustment:** 1/1 to 1/128 (in 1/3 stop increments, 10 levels)
- **Full-Power Flashes:** Approximately 660
- **Compatible Mountings:** Canon, Nikon, Sony, Fuji, Olympus, Panasonic DSLR Cameras (with single-contact hot shoe)
- **Flash Sync Speed:** 1/250s or slower
- **Included Adapter Rings:** 49mm, 52mm, 55mm, 58mm, 62mm, 67mm, 72mm, 77mm

10. Warranty and Support

For detailed warranty information, product registration, and technical support, please visit the official GODOX website or contact your authorized GODOX distributor. Keep your purchase receipt as proof of purchase for warranty claims.

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