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› Godox RING48 Macro Ring LED Light User Manual

## GODOX RING48

# Godox RING48 Macro Ring LED Light User Manual

Model: RING48

Brand: GODOX

## 1. INTRODUCTION

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The Godox RING48 Macro Ring LED Light is designed to provide even, shadowless illumination for macro photography. Its ring-shaped design ensures consistent light distribution, making it ideal for capturing intricate details in close-up subjects. The light features adjustable power output and a stable 5600K color temperature, suitable for various photographic needs, including clinical dental photography.

This manual provides detailed instructions for the proper setup, operation, and maintenance of your RING48 Macro Ring LED Light. Please read it thoroughly before use to ensure optimal performance and longevity of the product.

## 2. SAFETY INFORMATION

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- Do not expose the unit to rain or damp environments to prevent fire or electric shock.
- Do not disassemble the unit. If repairs are needed, contact authorized service personnel.
- Keep out of reach of children.
- Avoid direct eye exposure to the LED light, as it can cause eye strain or damage.
- Ensure the power adapter is compatible with your local power supply before connecting.
- Unplug the unit from the power source when not in use or before cleaning.

## 3. PACKAGE CONTENTS

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

- Godox RING48 Macro Ring LED Light
- Power Controller Unit

- AC Power Adapter
- Adapter Rings (49mm, 52mm, 55mm, 58mm, 62mm, 67mm)



Image: The complete Godox RING48 kit, including the ring light, power controller, AC adapter, and a set of six adapter rings.

## 4. PRODUCT OVERVIEW

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Familiarize yourself with the main components of the Godox RING48 Macro Ring LED Light:



Image: Front view of the RING48 LED light unit, showing the ring of LEDs and the attached power cable.



Image: Front view of the power controller unit, featuring a large control button.



Image: Side view of the power controller unit, highlighting the power switch with options for OFF, DC 3V (for external power), and BATT (for battery power).

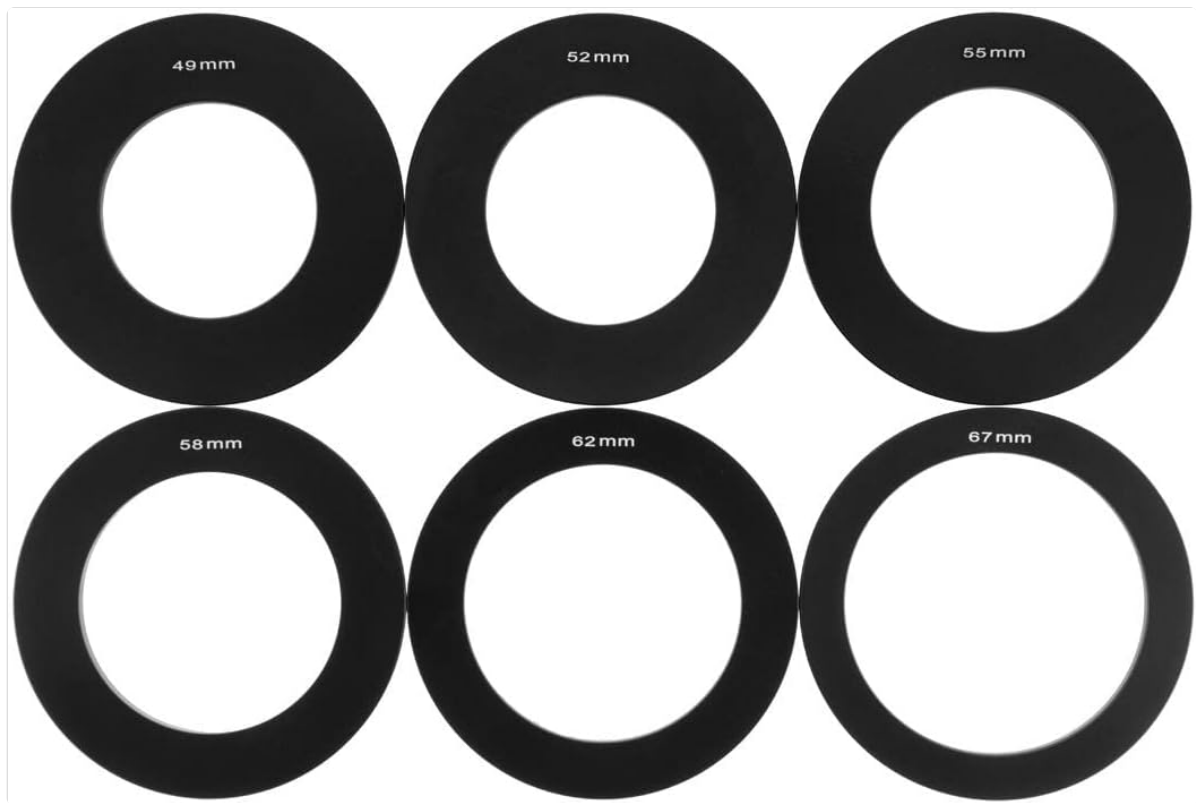


Image: The set of six adapter rings (49mm, 52mm, 55mm, 58mm, 62mm, 67mm) used to attach the ring light to different lens filter threads.

#### Key Components:

- **Ring Light Unit:** Contains the LED array for illumination.
- **Power Controller:** Houses the power switch and controls for light intensity. It also features a hot shoe mount for attachment to a camera.
- **Power Cable:** Connects the ring light unit to the power controller.
- **Adapter Rings:** Used to mount the ring light onto camera lenses with different filter thread sizes.

## 5. SETUP

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Follow these steps to set up your Godox RING48 Macro Ring LED Light:

1. **Install Batteries (Optional):** If using battery power, open the battery compartment on the power controller and insert 2x AA batteries (not included), ensuring correct polarity.
2. **Connect Power Cable:** Plug the coiled power cable from the ring light unit into the corresponding port on the power controller.
3. **Attach Adapter Ring:** Select the adapter ring that matches the filter thread size of your camera lens. Screw the adapter ring onto the front of your camera lens.
4. **Mount Ring Light:** Align the ring light unit with the attached adapter ring and gently push it into place until it clicks securely.
5. **Mount Power Controller:** Slide the hot shoe mount of the power controller into your camera's hot shoe. Tighten the locking wheel to secure it.
6. **Connect AC Adapter (Optional):** If using external power, connect the AC power adapter to the DC 3V input on the power controller and plug it into a wall outlet.



Image: The RING48 light unit attached to a camera lens, with the power controller mounted on the camera's hot shoe, demonstrating a typical setup.

## 6. OPERATING INSTRUCTIONS

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Operating the Godox RING48 is straightforward:

1. **Power On:** Slide the power switch on the side of the power controller to either "BATT" (for battery power) or "DC 3V" (for external AC power). The LED light will illuminate.
2. **Adjust Brightness:** Press the large circular button on the front of the power controller to cycle through brightness levels. The light offers adjustable power output to suit different shooting conditions.
3. **Select Lighting Mode:** The RING48 supports full light and semi-light modes. Pressing the button may also toggle between these modes, illuminating all LEDs or only half of them for specific lighting effects.

4. **Power Off:** Slide the power switch to "OFF" when you are finished using the light.

**Note:** The light can be used continuously for up to 1.5 hours on battery power, depending on battery type and brightness setting.

## 7. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your RING48 Macro Ring LED Light:

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the light and controller. Do not use abrasive cleaners or solvents.
- **Storage:** Store the unit in a cool, dry place away from direct sunlight and excessive humidity. If storing for extended periods, remove batteries from the power controller.
- **Handling:** Handle the unit with care. Avoid dropping or subjecting it to strong impacts.

## 8. TROUBLESHOOTING

If you encounter issues with your Godox RING48, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	Power switch is OFF. Batteries are depleted or incorrectly inserted. AC adapter is not properly connected or faulty. Cable between light and controller is loose.	Slide power switch to "BATT" or "DC 3V". Replace batteries or check polarity. Ensure AC adapter is securely plugged in and functional. Check cable connection.
Light flickers or is dim.	Low battery power. Loose connection.	Replace batteries or use AC adapter. Check all cable connections.
Ring light does not fit lens.	Incorrect adapter ring size.	Ensure you are using the correct adapter ring for your lens filter thread size.

## 9. SPECIFICATIONS

Feature	Detail
Model	RING48
Color Temperature	5600K (approx.)
Power Source	2x AA Batteries or DC 3V (AC Adapter)
Continuous Lighting Time	Up to 1.5 hours (on battery power)
Product Dimensions	9.7 x 7.3 x 3.3 inches
Item Weight	1.05 pounds

Feature	Detail
Adapter Ring Sizes	49mm, 52mm, 55mm, 58mm, 62mm, 67mm
Flash Modes Description	Constant illumination, adjustable brightness, adjustable color temperature
Connectivity Technology	USB (for power input, not data)