

GODOX ML100R

Godox ML100R RGB LED Video Light Instruction Manual

Model: ML100R

1. PRODUCT OVERVIEW

The Godox ML100R is a compact and powerful RGB LED video light designed for various photography and videography applications. It features full-color output, a wide color temperature range, and app control capabilities.



Image 1.1: Godox ML100R RGB LED Video Light with its standard reflector.

Key Features:

- **Full Color and Wide Compatibility:** Innovative mixing technology for even lighting, GM adjustability for precise color correction, and a wide color temperature range from 1800K to 10000K.
- **110W Powerful Light Source:** Provides 110W continuous output with CRI 95+ / TLCI 95+ for accurate color reproduction.
- **Lightweight and Portable:** Compact design (122x110x46mm / 4.8x4.3x1.8 inches) and lightweight (487g) for easy transport and setup.
- **Versatile Power Options:** Supports AC power supply (via included DC adapter) and various portable battery solutions, including the Battery Grip BG02 (not included).
- **Fun-packed Accessories:** Equipped with Godox Mount for compatibility with a range of compact modifiers.
- **APP Control, 14 FX Light Effects:** Adjust HSI or CCT, control multiple lights simultaneously via the Godox Light App. Includes 14 pre-programmed special effects.

2. WHAT'S IN THE BOX

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact your retailer.

What's inside

ML100R



Light Body	×1	Lens Reflector ML-L15	×1
Adapter	×1	Lamp Head Protective Cover	×1
AC Power Cord	×1	Holder AD-E2	×1
Storage Bag	×1		

Image 2.1: All components included in the Godox ML100R package.

Item	Quantity
Light Body	1
Lens Reflector ML-L15	1
Adapter	1
Lamp Head Protective Cover	1
AC Power Cord	1
Holder AD-E2	1
Storage Bag	1

3. SETUP

3.1 Attaching the Reflector and Protective Cover

1. Align the Lens Reflector ML-L15 or the Lamp Head Protective Cover with the front of the light body.
2. Twist clockwise until it locks securely into place.

3.2 Mounting the Light

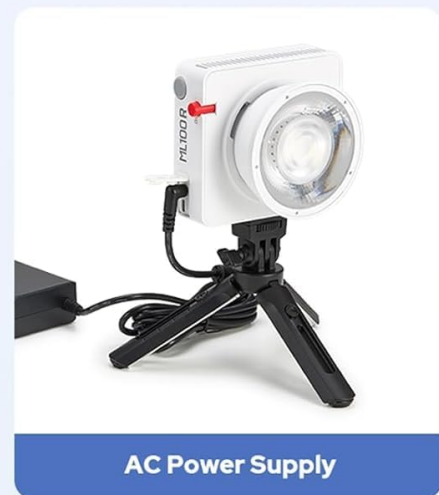
1. Attach the Holder AD-E2 to the bottom of the ML100R light body.
2. Mount the assembled light onto a light stand or tripod using the holder.
3. Adjust the angle as needed and tighten the locking knob on the holder.

3.3 Powering the Light

The ML100R offers multiple power options:

Diverse Power Supply Solutions

The ML100R provides versatile power options, supporting AC power supply (via the included DC adapter) and four portable battery solutions for greater mobility. Notably, the newly introduced Battery Grip BG02 enhances portability, offering exceptional convenience for creators on the go.



*The cable for AK-B01 battery grip has been updated, and only the cable included in the Kit2 is compatible with the ML100R.

Image 3.1: Different power supply methods for the ML100R.

- **AC Power Supply:** Connect the included DC adapter to the light's power input and then to a wall outlet

using the AC power cord.

- **Portable Battery Solutions:** The light supports various portable battery options for mobile use. These include the Battery Grip BG02, AK-B02 V-mount battery supply, AK-B01 NPF battery supply, and USB-C power banks. (Batteries and specific grips/cables may be sold separately).

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Press and hold the power button located on the side of the light to turn it on or off.

4.2 Adjusting Color Temperature (CCT Mode)

In CCT mode, you can adjust the color temperature from 1800K (warm) to 10000K (cool) to match ambient light or achieve desired creative effects.

Vivid Colors

The ML100R stands out with its superior color performance: innovative mixing technology that ensures even lighting, GM adjustability for precise color correction, and a wide color temperature range from 1800k to 10000K. These advantages combine to deliver consistent, professional lighting and give you full control over color, making it the ideal solution for any scenario.



Image 4.1: Visual representation of the ML100R's color temperature range.

4.3 Adjusting RGB Colors (HSI Mode)

The ML100R offers full RGB color control, allowing you to select any color from the spectrum. Adjust Hue, Saturation, and Intensity (HSI) to achieve precise color output.

4.4 FX Light Effects

The ML100R includes 14 pre-programmed special effects to simulate various scenarios:

- RGB Cycle
- Party
- Flash
- Lightning
- Explosion
- TV
- Candle
- Fire
- Fireworks
- Welding
- Police Car
- SOS
- Cloudy
- Broken Bulb

4.5 App Control (Godox Light App)

Download the "Godox Light" app from your device's app store to control the ML100R wirelessly via Bluetooth. The app allows for precise adjustments of HSI, CCT, and FX modes, and can control multiple lights simultaneously.

App Control

Whether adjusting HSI or CCT, or connecting and controlling multiple lights simultaneously, you can use the Godox Light App to enhance your lighting efficiency.

14 pre-programmed FX effects to quickly create diverse atmospheres, from natural elements like fire and lightning to creative options like cop car and party.



Image 4.2: Godox Light App interface for remote control.

4.6 Using Accessories

The Godox Mount allows for attachment of various compact modifiers to expand creative lighting possibilities. Examples include the Mini Projection Attachment ML-SP, Collapsible Fresnel Attachment ML-CFL5, and Air Soft Tube ML-S1A (accessories sold separately).

Versatile Accessories Stunning Impact

Various accessories offer unique and creative lighting effects. The innovative Collapsible Fresnel Attachment ML-CFL5 intensifies the brightness, while the Mini Projection Attachment ML-SP allows for creative visuals. The new Air Soft Tube ML-S1A transforms your ML100R into a soft light tube, ideal for daily portrait photography.



Image 4.3: ML100R with various compatible accessories.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the light body. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the light in its protective storage bag in a cool, dry place when not in use. Avoid extreme temperatures and humidity.
- **Handling:** Handle the light with care. Avoid dropping or subjecting it to strong impacts.
- **Ventilation:** Ensure the ventilation grilles are clear of obstructions during operation to prevent overheating.

6. TROUBLESHOOTING

- **Light does not turn on:**
 - Check power connection: Ensure the AC adapter is properly connected to the light and a power source, or that the battery is charged and correctly installed.

- Verify power button: Ensure the power button is pressed and held sufficiently to activate the unit.

- **Light output is inconsistent or flickering:**

- Check power source: Ensure a stable power supply. If using batteries, check battery level.
- Environmental factors: Avoid operating in extremely hot or cold conditions.

- **App control not working:**

- Bluetooth connection: Ensure Bluetooth is enabled on your mobile device and the light.
- App version: Update the Godox Light App to the latest version.
- Restart: Try restarting both the light and your mobile device.

- **Overheating warning:**

- Check ventilation: Ensure no objects are blocking the air vents on the light.
- Reduce intensity: Lower the light intensity to reduce heat generation.
- Allow to cool: Turn off the light and allow it to cool down before resuming operation.

If problems persist, contact Godox customer support or your retailer for assistance.

7. SPECIFICATIONS



Image 7.1: Dimensions of the Godox ML100R.

Specification	Value
Model Number	ML100R
Product Dimensions	4.8 x 4.33 x 1.81 inches
Item Weight	1.03 pounds (487g excluding lens reflector)
Color Temperature Range	1800K-10000K
Power Output	110W
CRI / TLCI	95+ / 95+
Connectivity Technology	Bluetooth
Mount Type	Godox Mount
UPC	850071741537

Specification	Value
ASIN	B0DZP3KT7F

8. WARRANTY AND SUPPORT

This product is covered by a manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions. For technical support, service, or warranty claims, please contact your authorized Godox dealer or visit the official Godox website for contact information. Keep your purchase receipt as proof of purchase for warranty purposes.