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GODOX R1

Godox R1 RGB LED Video Light Instruction Manual

Model: R1 | Brand: GODOX

1. INTRODUCTION

The Godox R1 RGB LED Video Light is a compact, full-color, and rechargeable mini round LED light designed for various photographic and videographic applications. It features a wide color temperature range, high color rendering accuracy, multiple special effects, and a music sync function. Its aluminum alloy shell and magnetic design offer durability and versatile mounting options.



Image 1.1: The Godox R1 RGB LED Video Light, highlighting its compact, round design and RGB capabilities.

2. PRODUCT COMPONENTS

The Godox R1 package typically includes the following items:

- Godox R1 RGB LED Video Light Unit
- USB Type-C Charging Cable
- Magnetic Dome Diffuser (may vary by package)
- Magnetic Accessories (e.g., gels, grids, sold separately or included in specific kits)

14 FX SPECIAL EFFECTS

Built-in 14 kinds different effects presets; each effect involves 2-3 modes, allowing 39 FX special light effect modes in total.



Image 2.1: Overview of the Godox R1 light unit and its standard accessories.

3. SETUP AND BASIC OPERATION

3.1 Charging the Device

The Godox R1 features a built-in lithium battery. To charge, connect the provided USB Type-C cable to the USB-C port on the device and to a compatible USB power source. The battery indicator on the LCD screen will show charging status. A full charge provides approximately 90 minutes of operation at 100% brightness.

3.2 Power On/Off and Controls Overview

Locate the power button on the side of the unit. Press and hold to power on or off. The device features a Dimming Slider, FN Multi-function Wheel, and Mode Button for adjustments.



Image 3.1: Detailed view of the Godox R1's control buttons and ports.

3.3 Initial Setup and Control Demonstration

This video demonstrates the initial setup, control functions, and various lighting modes of the Godox R1 RGB LED Video Light.

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Video 3.1: An official product video demonstrating the Godox R1's features, including controls, CCT mode, RGB mode, FX effects, and magnetic attachment.

4. OPERATING MODES

The Godox R1 offers several operating modes to achieve diverse lighting effects.

4.1 CCT Mode (Color Temperature)

In CCT mode, you can adjust the color temperature from 2500K (warm) to 8500K (cool) using the FN Multi-function Wheel. This allows for precise matching of ambient light or creative temperature effects. The brightness can also be

adjusted from 0% to 100%.

4.2 RGB Mode (Hue, Saturation, Brightness)

RGB mode provides full control over the color output. Use the FN Multi-function Wheel to select and adjust Hue (0-360 degrees) and Saturation (0-100%). Brightness can also be set from 0% to 100%. This mode enables access to a wide spectrum of colors.



Image 4.1: Visual guide to CCT and RGB mode adjustments.

4.3 FX Special Effects Mode

The R1 includes 14 built-in special effects, each with 2-3 levels, totaling 39 unique presets. These effects include:

- RGB Cycle
- Flash
- Lightning
- Broken Bulb
- TV
- Candle
- Fire
- Fireworks
- Cop Car
- Fire Engine
- Ambulance
- Music
- SOS

Use the Mode Button to cycle through the effects and the FN Multi-function Wheel to select specific levels or adjust parameters.

CRI \geq 98

TLCI \geq 97

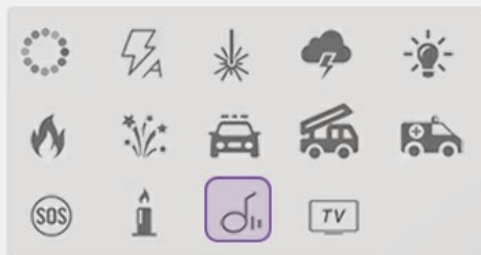


Image 4.2: Icons representing the 14 available FX special effects.

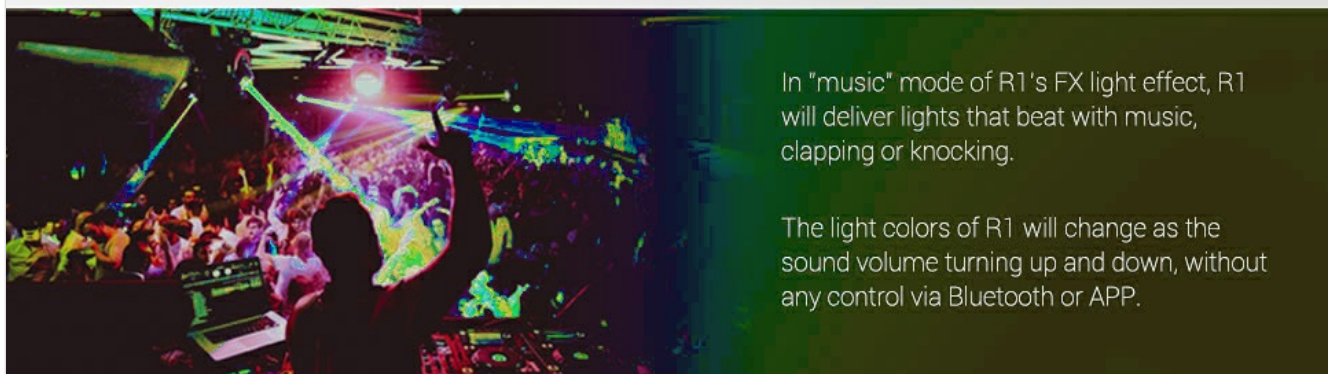
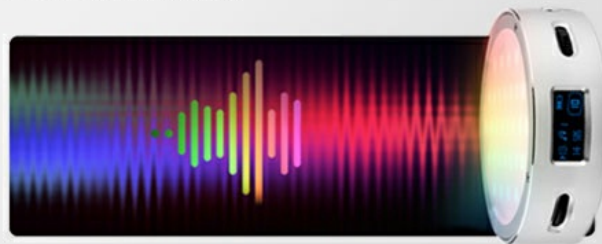
4.4 Music Mode

In Music Mode, the Godox R1 light will respond to ambient sound, such as music, clapping, or knocking, by changing its light output. This feature allows for dynamic lighting synchronized with audio, enhancing creative productions.

14 FX Special Effects



Built-in 14 kinds different effects presets; each effect involves 2-3 modes, allowing 39 FX special light effect modes in total.



In "music" mode of R1's FX light effect, R1 will deliver lights that beat with music, clapping or knocking.

The light colors of R1 will change as the sound volume turning up and down, without any control via Bluetooth or APP.

Image 4.3: Illustration of FX special effects and the music mode functionality.

4.5 Magnetic Design and Accessories

The Godox R1 features built-in magnets, allowing for quick and easy attachment to metal surfaces. It is also compatible with the magnetic modifiers from the AK-R1 accessory kit (sold separately), which can be used to create more dramatic lighting effects and expand creative possibilities.

Built-in Lithium Battery, USB Type-C Charging

Run about one and half hours at full power.



1800mAh



USB Port



Work With Magnetic Accessories to Achieve Creative Light Effects

Compatible with the magnetic modifiers AK-R1 accessory kit (sold separately) to incorporate more dramatic lighting effects into lighting design.



1-4"-20 Screw mount

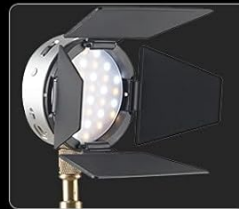


Image 4.4: The Godox R1 light with compatible magnetic accessories for enhanced lighting control.

Easy To Use

The color, brightness and modes are adjustable at the push of the buttons long press the FN multi-function dial to easily select the desired mode of a certain FX light effect.



Durable and Fashionable Metal Design

Diameter :

7.5 cm

Weight :

150 gm

Built-in Magnets Allow Quick Installation

R1 fits any metal surface, and even more surfaces when used with hook and loops.

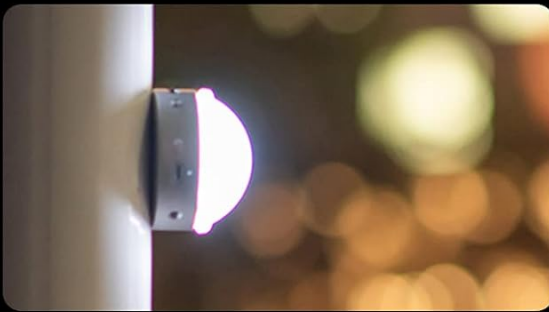


Image 4.5: Examples of the Godox R1's quick magnetic installation on various surfaces.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Godox R1 RGB LED Video Light, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the light. Avoid using abrasive cleaners or solvents, as they may damage the finish or internal components.
- **Storage:** Store the light in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, ensure the battery is partially charged (around 50%) to preserve battery health.
- **Battery Care:** Recharge the battery regularly, even if not in frequent use, to prevent deep discharge. Avoid overcharging or completely draining the battery repeatedly.
- **Handling:** Handle the light with care. Avoid dropping it or subjecting it to strong impacts, which can damage internal electronics or the outer casing.

6. TROUBLESHOOTING

If you encounter issues with your Godox R1, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Light does not turn on	Low battery; Power button not pressed correctly; Device malfunction.	Charge the device fully. Press and hold the power button for a few seconds. If the issue persists, contact customer support.
Light not charging	Faulty USB-C cable or power adapter; USB-C port obstruction.	Try a different USB-C cable and power adapter. Ensure the USB-C port is clean and free of debris.
Controls unresponsive	Temporary software glitch; Physical damage to buttons.	Try turning the device off and on again. If buttons are physically damaged or unresponsive, contact customer support.
Inconsistent light output or color	Incorrect mode selection; Low battery.	Verify the selected operating mode (CCT, RGB, FX) and adjust settings. Ensure the battery is sufficiently charged.

7. SPECIFICATIONS

Feature	Detail
Brand	GODOX
Model Name	R1
Color Temperature Range	2500K-8500K
CRI	98+
TLCI	97+
Hue Adjustment	0-360 degrees
Saturation Adjustment	0-100%
Brightness Adjustment	0-100%
FX Lighting Effects	14 categories (39 presets) including RGB cycle, Flash, Lightning, Broken Bulb, TV, Candle, Fire, Fireworks, Cop Car, Fire Engine, Ambulance, Music, SOS.
Battery Type	Built-in Lithium Battery
Battery Life (100% brightness)	Approx. 90 minutes
Charging Port	USB Type-C
Product Dimensions	2.95"L x 3"W x 0.39"H
Water Resistance Level	Not Water Resistant
Compatible Accessories	AK-R1 (sold separately)

8. WARRANTY INFORMATION

The Godox R1 RGB LED Video Light comes with a **1-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty card included with your product or contact Godox customer support.

9. CUSTOMER SUPPORT

For further assistance, technical support, or warranty inquiries regarding your Godox R1 RGB LED Video Light, please contact Godox customer service through their official website or the retailer from whom you purchased the product. Have your product model and serial number ready when contacting support.

