

SMALLRIG RM01

SmallRig RM01 Mini LED Video Light

USER MANUAL

Introduction

This user manual provides comprehensive instructions for the setup, operation, and maintenance of your SmallRig RM01 Mini LED Video Light kit. Designed for professional photography and videography, this portable lighting solution offers adjustable brightness, color filters, and a durable, waterproof design. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

Package Contents

The SmallRig RM01 Mini LED Video Light kit includes the following components:

- 3 x RM01 Mini LED Waterproof Light units
- 3 x Charging Cables (Type-C)
- 3 x Cold Shoe Heads
- 24 x Color Filters (8 colors, 3 of each)
- 3 x Diffusers
- 3 x Blasters (Snoots)
- 3 x Honeycombs (Grids)
- 3 x Barndoors
- 3 x Magnetic Frames
- 3 x Tripods
- 1 x Carrying Case
- 1 x User Manual (this document)



Kit Includes

* 3pcs mini-tripod are complimentary in the kit

RM01 x 3

Charging Cable x 3

Cold Shoe Head x 3

Color Filter x 24

Diffuser x 3

Blaster x 3

Honeycomb x 3

Barndoor x 3

Magnetic Frame x 3

User manual x 1

Tripod x 3

Carrying case x 1

Image: All components included in the SmallRig RM01 Mini LED Video Light kit, neatly arranged in the carrying case.

Product Overview

The SmallRig RM01 Mini LED Video Light is a compact and versatile lighting solution. Each light unit features a high-quality COB (Chip-on-Board) LED with a daylight balanced color temperature of 5600K±200K, a Color Rendering Index (CRI) of 95, and a Television Lighting Consistency Index (TLCI) of 96, ensuring accurate color reproduction.

Pocket-size ,Travel-go

Highly portable and easy-to-store lighting device

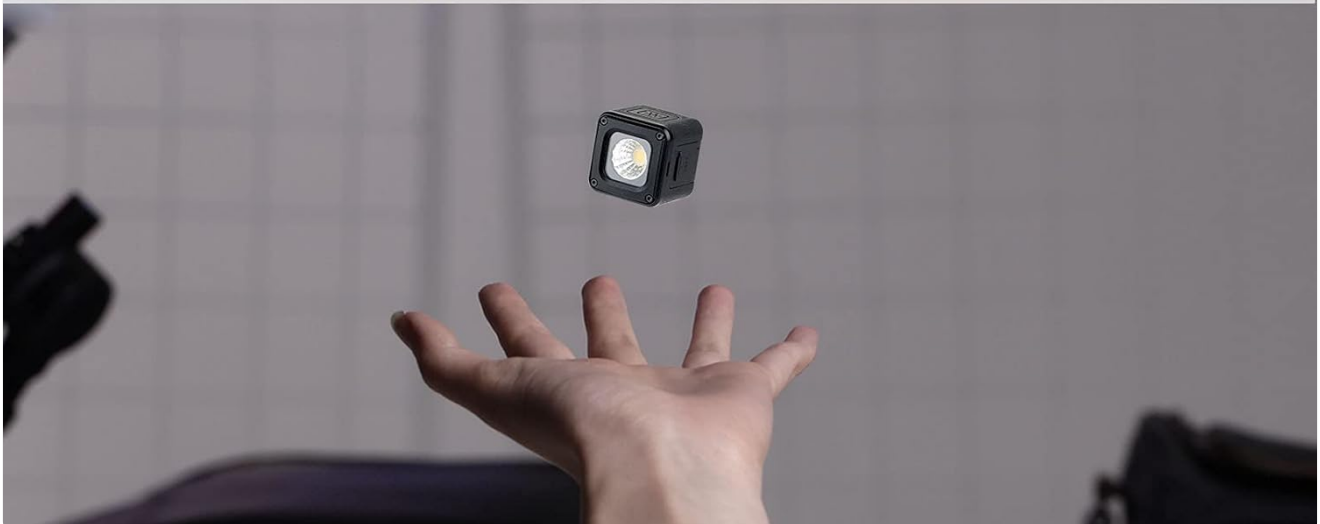


Image: The compact size of the SmallRig RM01 light, demonstrating its portability and ease of handling, shown next to a ping-pong ball for scale.

The light units are constructed from durable PC+ABS materials, providing high heat and weather resistance, stability, and impact resistance. They are designed to be waterproof and dustproof, making them suitable for various outdoor conditions, including rainy weather and beach environments.



Image: A SmallRig RM01 light being splashed with water, demonstrating its waterproof capability, and another light partially covered in sand, highlighting its dustproof design.

Setup

The RM01 lights are designed for flexible mounting and setup. Each light features a 1/4"-20 screw hole at the bottom, allowing for attachment to various accessories.

1. **Attaching to Tripod:** Screw the RM01 light onto the included mini tripod using the 1/4"-20 screw. Ensure it is securely fastened. The tripods can be extended for additional height.
2. **Using Cold Shoe Adapter:** Attach the cold shoe head to the 1/4"-20 screw hole on the light. This allows you to mount the light onto a camera's hot shoe or other cold shoe mounts.
3. **Attaching Magnetic Accessories:** The kit includes magnetic frames, diffusers, blasters, honeycombs, and barndoors. These accessories attach magnetically to the front of the light unit. Simply align the accessory with the front of the light until the magnets engage.

Three-point Lighting Kit



Image: A miniature scene demonstrating a three-point lighting setup using three SmallRig RM01 lights on tripods, showcasing their versatility for complex lighting arrangements.



Image: Examples of the SmallRig RM01 light in use, including mounted on a GoPro, attached to a smartphone rig, and held by hand for various photography and videography scenarios.

Operation

Operating the SmallRig RM01 Mini LED Video Light is straightforward:

1. **Power On/Off:** Press and hold the power button (usually located on the side or top) for a few seconds to turn the light on or off.
2. **Adjusting Brightness:** Short press the power button to cycle through the four available brightness levels: 25%, 50%, 70%, and 100%.
3. **Using Color Filters:** Select one of the 8 color filters and attach it to the magnetic frame. Then, attach the magnetic frame to the front of the light. This allows you to change the color of the light output for creative effects.

COB Lamp Beads , CRI 95+



SmallRig RM01 mini Light



Regular LED Light

Four Brightness Levels, One-touch Adjustment

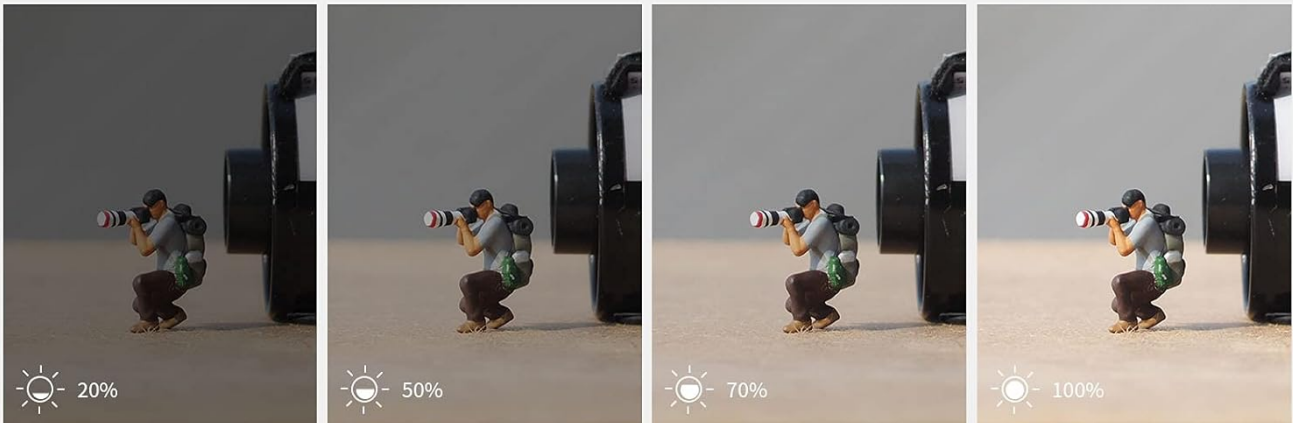


Image: Four panels illustrating the different brightness levels (20%, 50%, 70%, 100%) of the SmallRig RM01 light, showing its adjustable intensity for various lighting needs.

8 Color Filters

More Creative And Interesting

Make Photos Or Videos

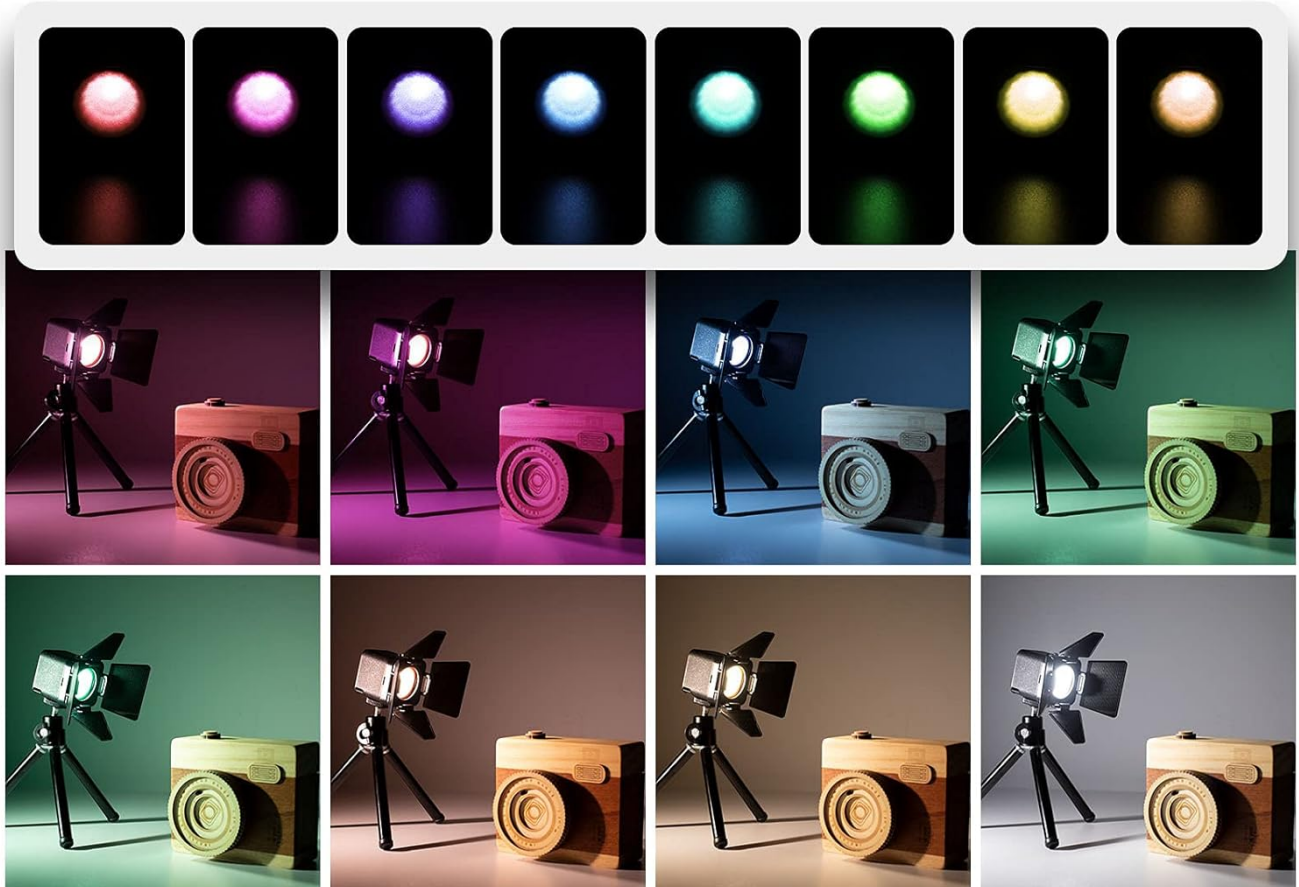


Image: A display of the 8 included color filters and examples of how they alter the light output when attached to the SmallRig RM01, enabling creative lighting effects.

Charging the Light

The RM01 light has a built-in 800mAh lithium battery. To charge, connect the included Type-C charging cable to the light's Type-C port and a suitable USB power source.

- During charging, a flashing green indicator light will be visible.
- When the battery is low, a flashing red indicator light will appear.
- Once fully charged, the indicator light will turn a steady green.

A full charge provides approximately 1 hour of continuous operation at 100% power output, and up to 5 hours at lower brightness settings.



800mAh



Type-C
Charging Port



During Charging
Flashing Green Indicator Light



Low Battery

Flashing Red Indicator Light



Fully Charged

Steady Green Indicator Light

Image: Detailed view of the SmallRig RM01 light's Type-C charging port and indicator lights, showing the flashing green light during charging and the steady green light when fully charged, along with the flashing red light for low battery.

Official Product Video

Your browser does not support the video tag.

Video: An official product video from SmallRig demonstrating the features and applications of the RM01 Mini LED Video Light Kit (3 Pack).

Maintenance

Proper maintenance ensures the longevity and optimal performance of your SmallRig RM01 lights:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the light units. For stubborn dirt, a slightly damp cloth can be used, but ensure the Type-C port cover is securely closed. Do not use harsh chemicals or abrasive cleaners.
- **Waterproof Care:** While the lights are waterproof, always ensure the Type-C charging port cover is firmly sealed before exposing them to water or humid environments. After use in wet conditions, wipe the lights dry before storing.

- **Battery Care:** To maintain battery health, avoid fully discharging the battery frequently. If storing the lights for an extended period, charge them to approximately 50% every three months.
- **Storage:** Store the lights and accessories in the provided carrying case in a cool, dry place, away from direct sunlight and extreme temperatures.

Troubleshooting

If you encounter issues with your SmallRig RM01 Mini LED Video Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	Battery is depleted.	Charge the light using the provided Type-C cable.
Light output is dim.	Brightness level is set too low.	Short press the power button to increase brightness.
Light does not charge.	Charging cable or adapter issue; port not connected properly.	Ensure the Type-C cable is securely connected to both the light and the power source. Try a different cable or adapter.
Magnetic accessories do not attach securely.	Debris on magnetic surface; accessory misalignment.	Clean the magnetic surfaces on both the light and the accessory. Ensure proper alignment when attaching.

If the problem persists after attempting these solutions, please contact SmallRig customer support for further assistance.

Specifications

Feature	Detail
Product Dimensions	1.5 x 1.5 x 1.42 inches
Item Weight	2.22 ounces
Brand	SMALLRIG
Battery Life (100% output)	Approximately 1 Hour
Maximum Working Time	Up to 5 Hours (at lower brightness)
Flash Modes Description	Constant illumination, adjustable brightness
Hardware Interface	USB Type C
Color Temperature	5600K±200K
CRI	95
TLCI	96
Battery Capacity	800mAh

Warranty and Support

SmallRig products are manufactured to high-quality standards and are backed by a manufacturer's warranty. For specific warranty details, including coverage period and terms, please refer to the warranty information provided with your purchase or visit the official SmallRig website.

For technical support, troubleshooting assistance beyond this manual, or inquiries regarding parts and service, please contact SmallRig customer service through their official website or the contact information provided on your product packaging. When contacting support, please have your product model number (RM01) and purchase details ready.

Official SmallRig Website: www.smallrig.com

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Documents - SMALLRIG – RM01



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