SMALLRIG RM 25C

SmallRig RM 25C Mini LED RGB Video Light Instruction Manual

Model: RM 25C (5357)

INTRODUCTION

The SmallRig RM 25C Mini LED RGB Video Light is a compact and versatile lighting solution designed for various content creation needs. This manual provides detailed instructions for the proper use, setup, and maintenance of your device to ensure optimal performance and longevity.

PACKAGE CONTENTS

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

- RM 25C Video Light ×1
- Attachable Diffuser ×1
- USB-C Charging Cable ×1
- Operating Instruction ×1

PRODUCT OVERVIEW

Image: The SmallRig RM 25C Mini LED RGB Video Light shown with its magnetic diffuser and examples of camera and stand mounting.

Key Features

- **Compact and Portable Design:** The RM 25C is designed to be pocket-sized, measuring 4.4"x2.9"x1.1" and weighing 7.9oz, making it suitable for on-the-go content creation. It features a 1/4"-20 threaded hole for mounting.

- **PD Fast Charging:** Equipped with a 3100mAh battery, the light offers approximately 50 minutes of runtime at full brightness. USB Type-C PD fast charging allows it to reach 80% charge in 45 minutes and can be used continuously while charging.

- **Professional-Grade Brightness and Color:** Features 145 premium LED beads with CRI≥96 and TLCI≥99. It provides 36,000+ colors and adjustable color temperature from 2500K to 10000K. The 25W high power delivers up to 3070 Lux at 0.5m in Boost Mode. Includes 14 cinematic lighting effects.

- **Intuitive Control:** An HD LCD display and precision knob allow for effortless adjustment of settings.

The side screen remains visible even when magnetically attached to metal surfaces.

- **Magnetic Diffuser:** An attachable magnetic diffuser is included to soften light, ideal for portraits and enhancing details. It can be attached or detached quickly.

SETUP

1. Initial Charging

Before first use, fully charge the RM 25C using the provided USB-C cable.

- Connect the USB-C cable to the charging port on the light and to a compatible USB power adapter (not included).
- The LCD display will indicate charging status. A full charge takes approximately 1.5 hours with PD fast charging.
- The light can be used while charging.

Image: The RM 25C light connected to a power bank via USB-C for charging, illustrating its ability to operate while charging.

2. Attaching the Diffuser

The magnetic diffuser can be easily attached or removed to modify light quality.

- Align the diffuser with the front panel of the light.
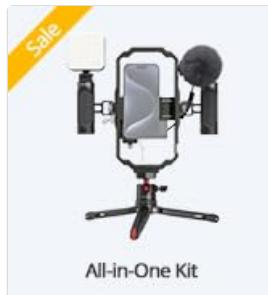- The magnets will secure the diffuser in place.

All-in-One Kit

Image: A hand demonstrating the magnetic attachment of the diffuser to the RM 25C light.

3. Mounting Options

The RM 25C offers flexible mounting:

- **1/4"-20 Threaded Hole:** Use the threaded hole at the bottom to attach the light to cameras, cages, tripods, or light stands.
- **Magnetic Mounting:** The light can be directly attached to any metal surface for quick and convenient placement.

OPERATING INSTRUCTIONS

1. Power On/Off

Locate the power switch on the side of the unit. Slide it to the 'ON' position to power on the light. Slide it to 'OFF' to power off.

2. Adjusting Settings via LCD Display and Knob

Full-Screen Visibility Even with Magnetic Attachment

Precise Control
Rotate to Ajust Model & Brightness

Magnetic Mount
Attached to any metal surface

Magnetic Diffuser
Snap-on/off in seconds
for quick installation

Image: A close-up of the RM 25C light, highlighting the control knob and the clear HD LCD display for precise adjustments.

The HD LCD display provides real-time information on current settings. Use the precision knob to navigate and adjust parameters.

- **Mode Selection:** Press the knob to cycle through different lighting modes (CCT, HSI, FX).
- **Brightness Adjustment:** In any mode, rotate the knob to adjust the brightness level from 0% to 100%.
- **Color Temperature (CCT Mode):** In CCT mode, rotate the knob to change the color temperature from 2500K (warm) to 10000K (cool).
- **Hue, Saturation, Intensity (HSI Mode):** In HSI mode, press the knob to switch between adjusting Hue (0-360°), Saturation (0-100%), and Intensity (0-100%). Rotate the knob to change values.
- **Special Effects (FX Mode):** In FX mode, rotate the knob to select from 14 built-in cinematic lighting

effects. Press the knob to confirm selection or adjust effect parameters if available.

Image: Examples of the 14 cinematic lighting effects available on the RM 25C, including TV, Paparazzi, Pulse, Broken Bulb, Flame, Police Light, CCT Cycle, Lightning, Flash, Party, Fireworks, and RGB Cycle.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the light. Do not use abrasive cleaners or solvents.
- **Storage:** Store the light in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in use, to maintain battery health.
- **Avoid Water:** This device is not waterproof. Keep it away from water and high humidity.

TROUBLESHOOTING

Light does not turn on:

Ensure the battery is charged. Connect the light to a power source using the USB-C cable and attempt to power on.

Light is not charging:

Verify that the USB-C cable is securely connected to both the light and the power adapter. Try a different USB-C cable or power adapter to rule out faulty accessories.

Fan noise is noticeable:

The RM 25C includes an internal fan for cooling, especially at higher brightness settings. This is normal operation. If the noise is excessively loud or unusual, contact customer support.

Inconsistent brightness or color output:

Ensure the light is fully charged. Reset the light by powering it off and on. If the issue persists, contact customer support.

SPECIFICATIONS

Feature	Specification
Product Dimensions	4.4 x 1.11 x 2.9 inches (11.18 x 2.82 x 7.37 cm)
Item Weight	7.9 ounces (225 grams)
Model Number	5357
Battery Type	1 Nonstandard Battery (included)
Battery Capacity	3100mAh
Battery Life (100% Brightness)	Approximately 50 minutes
Color Temperature Range	2500K - 10000K
CRI	≥96
TLCI	≥99
Max Power Output	25W
Connectivity Technology	USB (Type-C for charging)
Manufacturer	SmallRig

WARRANTY AND SUPPORT

SmallRig provides after-sales service for its products. If you encounter any issues with your RM 25C Mini LED RGB Video Light, please contact our customer service team. A representative will respond within 24 hours to assist you.

For further assistance, please visit the official SmallRig website or refer to the contact information provided with your product packaging.

Related Documents - RM 25C

	[SmallRig RM 25C mini LED Video Light Operating Instructions and Specifications](#) This document provides operating instructions, product introduction, and specifications for the SmallRig RM 25C mini LED Video Light. It covers product features, operation, charging protocols, and technical specifications in multiple languages.
	[SmallRig Travel Video Tripod Kit User Manual](#) User manual for the SmallRig Travel Video Tripod Kit, detailing its features, specifications, warnings, and warranty information. Includes instructions on setup, adjustments, and maintenance.
	[SmallRig 4850 Bezdrôtový Video Monitor - Návod na použitie](#) Podrobný návod na použitie a informácie o produkte pre bezdrôtový video monitor SmallRig 4850, vrátane obsahu balenia, detailov produktu, funkcií, pripojenia a technických špecifikácií.
	[SmallRig RC 220C RGB COB LED Video Light Operating Instructions](#) Comprehensive guide for the SmallRig RC 220C RGB COB LED Video Light, covering product overview, installation, power supply, operation modes (CCT, HSI, FX, GEL, RGBCW), app control, BLE connect, OTA upgrades, and DMX mode.
	[SmallRig AD-50Lite Lightweight Video Tripod Kit - Operating Instruction](#) Detailed operating instructions and specifications for the SmallRig AD-50Lite Lightweight Video Tripod Kit. Covers product features, safety guidelines, package contents, and technical details for professional video shooting.

[SmallRig RC100B COB LED Video Light User Manual and Specifications](#)
Comprehensive user manual for the SmallRig RC100B COB LED Video Light, covering product overview, installation, power supply, and detailed technical specifications.

Documents - SMALLRIG – RM 25C

[SmallRig RM 25C mini LED Video Light Operating Instructions and Specifications](#)
This document provides operating instructions, product introduction, and specifications for the SmallRig RM 25C mini LED Video Light. It covers product features, operation, charging protocols, and technical specifications in multiple languages.
lang: score:15 filesize: 19.74 M page_count: 28 document date: 2025-06-18