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### SMALLRIG Standard Version 4893 (without battery)

# SmallRig RC 100B COB Video Light User Manual

Model: Standard Version 4893

## 1. INTRODUCTION

The SmallRig RC 100B COB Video Light is a compact and powerful bi-color lighting solution designed for photography and video production. It features a 100W output, adjustable color temperature from 2700K to 6500K, and high color rendering capabilities (CRI 97+, TLCI 98+). This manual provides essential information for the safe and effective operation of your RC 100B video light.

## 2. PACKAGE CONTENTS

Verify that all items are present in your package:

- RC 100B COB Video Light x 1
- Mini Reflector x 1
- Light Stand Adaptor x 1
- Silicone Diffuser x 1
- 3m USB-C to USB-C Cable x 1
- User Manual x 1

# Package Includes

- RC 100B Light × 1
- Mini Reflector × 1
- Light Stand Adaptor × 1
- Silicone Diffuser × 1
- 3m USB-C to USB-C Cable × 1
- User Manual × 1



# Product Parameters

<b>ID</b>	4893
<b>Product Dimensions</b>	115.0 × 95.0 × 95.0mm / 4.5 × 3.7 × 3.7in
<b>Fan Noise</b>	26dB (normal mode);18dB (ECO mode)
<b>Product Weight</b>	700.0 ± 20.0g / 24.7 ± 0.7oz
<b>Material(s)</b>	PC+ABS, Silicone, Aluminum Alloy

Figure 2.1: Contents of the SmallRig RC 100B Standard Version package.

## 3. PRODUCT OVERVIEW

The RC 100B is designed for portability and ease of use, featuring a compact form factor and intuitive controls.



Figure 3.1: Front view of the SmallRig RC 100B COB Video Light with reflector.

# Ultra Compact Size, Easy to Hold



Palm-Sized Body



One-Handed Operation



Easily set lighting anywhere



Lamp body weighs only

# 700g / 1.54lb

Figure 3.2: The compact and lightweight design of the RC 100B, weighing only 700 grams.

## 4. SETUP

### 4.1 Attaching the Mini Reflector

1. Align the three tabs on the mini reflector with the corresponding slots on the front of the RC 100B light.
2. Twist the reflector clockwise until it locks securely into place.

### 4.2 Mounting the Light

1. Attach the light stand adaptor to the bottom of the RC 100B.
2. Secure the light stand adaptor onto a compatible light stand.
3. Adjust the angle of the light using the tilt mechanism on the adaptor.

### 4.3 Powering the Device

The RC 100B offers versatile power options:



- **V-mount Battery:** Directly mount a V-mount battery (recommended capacity > 98Wh, output power > 120W, voltage ≤ 35V) to the built-in battery plate on the rear of the unit.
- **USB-C PD Fast Charging:** Connect a USB-C PD power bank or PD 140W charger to the USB-C port. Supports up to 110W USB-C PD input.
- **DC Power Adapter:** Use a compatible DC power adapter (not included in this standard version package) to power the unit.

## Versatile Power Options



### Directly Mount V-mount Battery



#### Please Note:

For an enhanced power supply experience, it is recommended that the V-mount battery capacity is >98Wh, output power >120W, voltage ≤35V



### USB-C Port Power Supply

Such as PD100W power bank / battery handle / PD 140W charger, etc.  
Supports up to 110W USB-C PD input



### DC Power Adapter

Supports up to 110W input



#### Please Note:

Only the compatible interfaces powered by;  
the charging devices mentioned are not provided.

Figure 4.1: Versatile power options for the RC 100B.

## 5. OPERATING INSTRUCTIONS

### 5.1 Onboard Control

The 1.3-inch LCD color screen provides detailed lighting information. Use the control knobs for precise parameter adjustments:

- **INT/FX Knob:** Adjusts intensity (brightness) or cycles through special effects. Press to switch between intensity and effects modes.
- **CCT/FREQ Knob:** Adjusts color temperature (CCT) from 2700K to 6500K or frequency in effects mode. Press to switch between CCT and frequency.

- **MODE Button:** Cycles through different operating modes.

## 5.2 App Control

Manage the RC 100B wirelessly using the SmallRig GOGO app. Download the app from your device's app store and follow the in-app instructions for pairing and control.

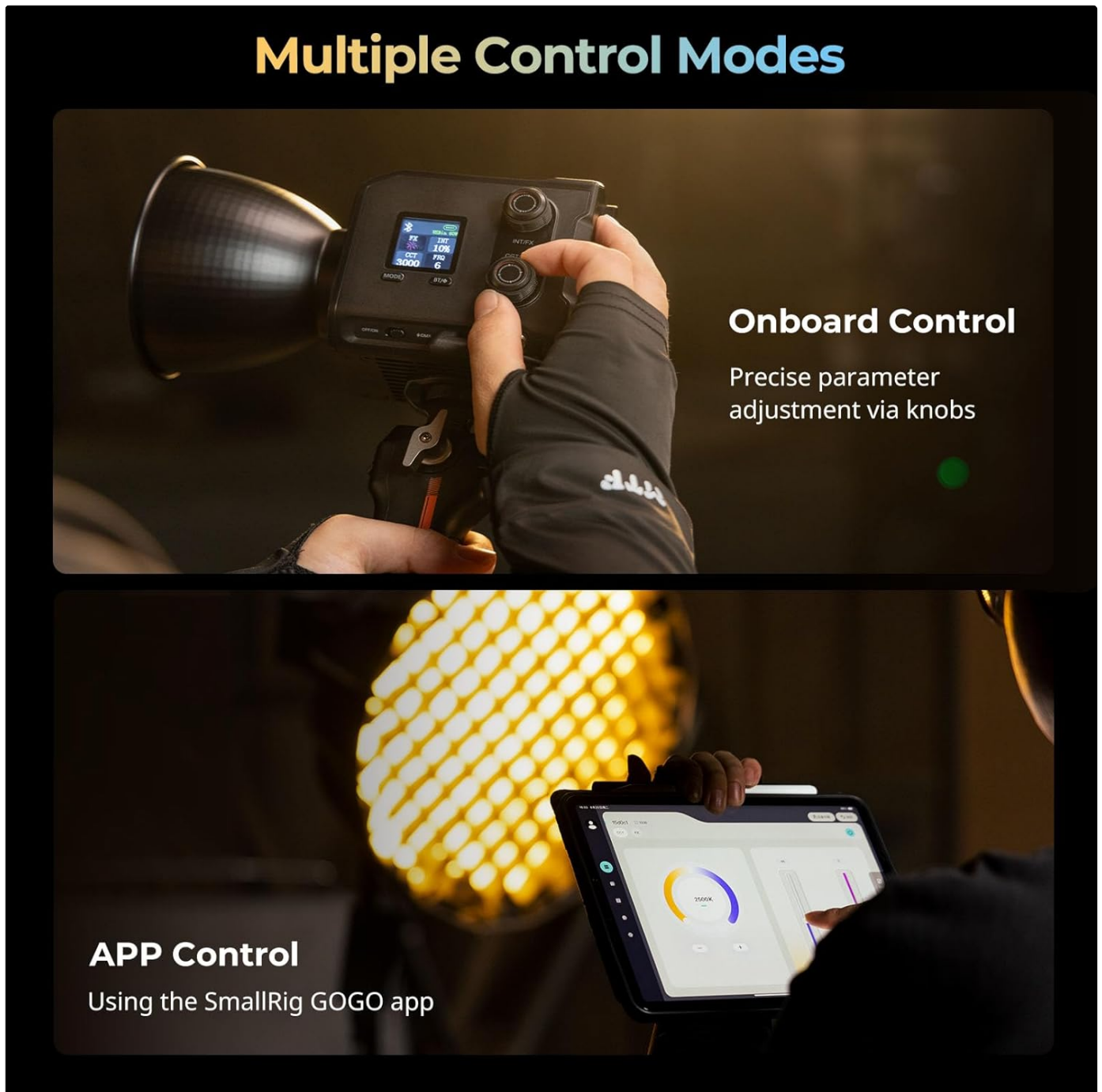


Figure 5.1: Multiple control modes: Onboard and App Control.

## 5.3 Special Effects

The RC 100B includes 12 common special effects for creative lighting scenarios. These can be accessed and adjusted via the onboard controls or the SmallRig GOGO app.

Your browser does not support the video tag.

Video 5.1: Official SmallRig video demonstrating the features of the RC 100B COB Video Light, including its various light effects and controls.

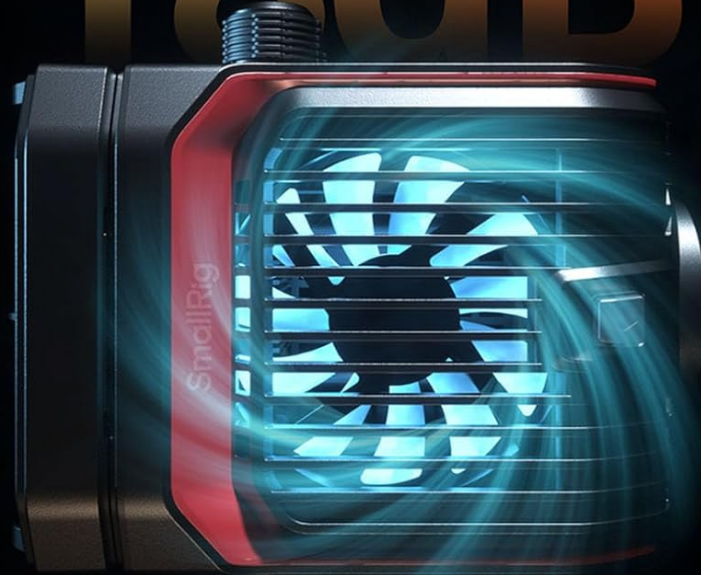
## 6. SPECIFICATIONS

Feature	Detail
Model	Standard Version 4893
Product Dimensions	115 x 95 x 95mm (4.53 x 3.74 x 3.74 inches)
Item Weight	700g (1.54 pounds)
Color Temperature Range	2700K-6500K
CRI	97+
TLCI	98+
Illumination (bare, 1m/5600K)	4,610 lux
Illumination (hyper reflector, 1m/5600K)	20,100 lux
Fan Noise (Normal Mode)	~26dB (at 1 meter)
Fan Noise (ECO Mode)	~18dB (at 1 meter)
Connectivity	USB Type C, Bluetooth (App Control)
Material	PC+ABS, Silicone, Aluminum Alloy

# Noise-Free Video Recording

The cooling fan adopts intelligent temperature control technology, which dissipates heat quickly and has low operating noise

# 18dB



**Silent Mode**

**0dB**  
20% Power Output



**Normal Breathing**

**10dB**



**Rustling Leaves**

**18dB**  
70% Power Output



**RC 100B Video Light**

**26dB**  
100% Power Output



**Refrigerator Hum**

**40dB**

Figure 6.1: Detailed product specifications and package contents.

## 7. MAINTENANCE

- Keep the device dry. Do not touch with wet hands.
- Clean the surface with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- Ensure the cooling fan vents are clear of obstructions to maintain optimal performance and prevent overheating.
- Store the light in a cool, dry place when not in use, preferably in its original packaging or a protective case.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power, low battery, or incorrect power connection.	Check power source (V-mount battery, USB-C, DC adapter). Ensure battery is charged or power cable is securely connected.





Light flickers or output is inconsistent.	Unstable power supply or loose connection.	Verify power connections. If using a battery, ensure it has sufficient charge. Try a different power source.
Fan noise is too loud.	Operating in normal mode or vents are obstructed.	Switch to ECO mode for reduced fan noise. Ensure cooling vents are clear.
App control not working.	Bluetooth not enabled, app not paired, or app issue.	Ensure Bluetooth is enabled on your device. Re-pair the light with the SmallRig GOGO app. Restart the app or your device.

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official SmallRig website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.  
Official SmallRig Website: [www.smallrig.com](http://www.smallrig.com)

Related Documents - Standard Version 4893 (without battery)

	<p><a href="#">SmallRig RC 100C COB LED Video Light (Pro Version) - Operating Instructions</a></p> <p>Comprehensive operating instructions for the SmallRig RC 100C COB LED Video Light (Pro Version), covering product overview, installation, power supply, and technical specifications.</p>
	<p><a href="#">SmallRig RC220B COB LED Video Light User Manual</a></p> <p>User manual for the SmallRig RC220B COB LED Video Light, covering setup, operation, features, and specifications. Includes safety precautions and warranty information.</p>
	<p><a href="#">SmallRig RC 100B COB LED Video Light User Manual</a></p> <p>This user manual provides comprehensive instructions, safety guidelines, and technical specifications for the SmallRig RC 100B COB LED Video Light, ensuring proper operation and maintenance.</p>



## 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 RC 100C COB LED Video Light Kit Operating Instructions

User manual and operating instructions for the SmallRig RC 100C COB LED Video Light Kit, including product overview, installation guides, power supply information, and specifications. Learn how to use and maintain your SmallRig lighting equipment.



[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.