

[Manuals.plus](#) /

> [ITOTIN](#) /

> ITOTIN LD-C60B 60W Bi-Color LED Video Light Instruction Manual

ITOTIN ITO-LD-C60B

ITOTIN LD-C60B 60W Bi-Color LED Video Light Instruction Manual

Model: ITO-LD-C60B | Brand: ITOTIN

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your ITOTIN LD-C60B 60W Bi-Color LED Video Light. This compact and powerful COB light is designed for photography and video recording, offering adjustable color temperature, brightness, and various lighting effects. Please read this manual thoroughly before operation and retain it for future reference.



Figure 1.1: The ITOTIN LD-C60B 60W Bi-Color LED Video Light.

2. PACKAGE CONTENTS

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

- 1 x LED Video Light (Main Body)
- 1 x Silicone Diffuser
- 1 x Spotlight Lampshade
- 1 x Power Supply Adapter
- 1 x Remote Control
- 1 x Bayonet Mount Adapter
- 1 x Ball Head (Light Holder)
- 1 x Instruction Manual

Standard Items:



Main body



Silicone diffuser



Spotlight lampshade



Power Supply Adapter



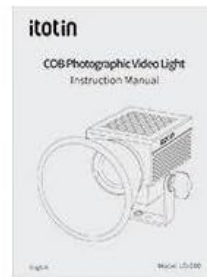
Remote control



Adapter bayonet



Light holder



Instruction Manual



Packing box

Figure 2.1: Standard items included in the package.

3. PRODUCT OVERVIEW

The ITOTIN LD-C60B is a compact and powerful 60W bi-color LED video light. It features a high color rendering index (CRI > 96, TLCI > 97) for accurate color reproduction and a wide color temperature range from 2700K to 7500K.



Figure 3.1: Product diagram showing components and dimensions.

3.1 Key Features

- **High Power Output:** 60W for bright illumination.
- **Bi-Color Temperature:** Adjustable from 2700K (warm) to 7500K (cool).
- **High Color Accuracy:** CRI > 96, TLCI > 97 for natural light.
- **Compact Design:** Weighs approximately 0.55 lbs (250 grams) and measures 4 x 2.9 x 2.7 inches (102 x 74 x 68 mm).
- **8 Lighting Effects:** Includes Lightning, Thunder, TV, Candlelight, Ambulance, Fire Truck, Explosion, and Fireworks.
- **Control Options:** Supports 2.4G remote control and mobile APP wireless control.
- **Efficient Cooling:** Equipped with an ultra-quiet cooling fan to extend lifespan and prevent noise interference.
- **Adjustable Angle:** The integrated bracket allows for 180° rotation.

Scale armor pattern
strong reflector - high
illumination, high
concentration of light



**Ra >
96+**

High color
rendering index

60W

60W high
brightness



Illumination of the COB light with spotlight lampshade.



Illumination of COB lamp without spotlight lampshade.

Figure 3.2: The light features a strong reflector for concentrated illumination, 60W output, and a high color rendering index (Ra>96+).



Figure 3.3: The light's palm-sized design makes it compact and portable.

Efficient cooling system, ultra-silent



Figure 3.4: The ultra-silent cooling fan ensures efficient heat dissipation.

4. SETUP

4.1 Attaching Accessories

1. **Mounting the Ball Head:** Attach the ball head (light holder) to a compatible light stand or tripod.
2. **Mounting the Light:** Secure the ITOTIN LD-C60B main body onto the ball head. Tighten the bracket fixing twist to secure the light's position.
3. **Attaching Lampshades:**
 - For diffused light, attach the silicone diffuser to the front of the COB LED.
 - For concentrated light, attach the spotlight lampshade to the front of the COB LED.
4. **Power Connection:** Connect the power supply adapter to the DC IN port on the light and plug it into a power outlet.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Locate the power switch on the side of the light. Flip the switch to the "ON" position to power on the device. Flip to "OFF" to power off.

5.2 Adjusting Brightness and Color Temperature

The light can be adjusted using the control knobs on the unit, the 2.4G remote control, or the mobile application.

5.2.1 On-Unit Control

- **Brightness Adjustment:** Rotate the "Value knob" to adjust the brightness from 0% to 100%. The current brightness level will be displayed on the screen.
- **Color Temperature Adjustment:** Press the "Function/channel/group knob" to switch to color temperature adjustment mode. Rotate the "Value knob" to select a color temperature between 2700K and 7500K.

5.2.2 Remote Control Operation

Use the provided 2.4G remote control to adjust settings wirelessly. Refer to the remote control's specific instructions for pairing and function details.

5.2.3 Mobile APP Control

Download the dedicated mobile application (details typically found in the included manual or product packaging). Follow the app's instructions to connect and control the light via Bluetooth or Wi-Fi.

A variety of lighting effect modes, which can be adjusted remotely via APP or 2.4G wireless remote control.



Lightning



Thunder



TV



Candlelight



Ambulance



Fire truck



Explosion



fireworks

0-100% dimming, fine adjustment, shooting does not complicated

0

100%



2700K-7500K wide range of color temperature adjustment range to bring more light control effect



2700K



3500K



4500K



6000K



7500K

Figure 5.1: The light offers a wide range of color temperatures (2700K-7500K) and 8 special lighting effects, adjustable via APP or 2.4G remote control.

5.3 Special Lighting Effects

The light features 8 pre-programmed lighting effects:

- Lightning
- Thunder
- TV
- Candlelight
- Ambulance
- Fire Truck
- Explosion
- Fireworks

To activate and cycle through these effects, use the "Function/channel/group knob" on the unit or the corresponding buttons on the remote/app.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the light's surface. Do not use abrasive cleaners or solvents.
- **Storage:** Store the light in a cool, dry place away from direct sunlight and moisture when not in use.
- **Heat Dissipation:** Ensure the cooling fan vents are not obstructed during operation to maintain optimal performance and lifespan.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power, loose connection, faulty power adapter.	Check power cable connection. Ensure power outlet is functional. Try a different power adapter if available.
Remote control not working.	Batteries depleted, out of range, not paired.	Replace remote control batteries. Ensure remote is within operating range. Re-pair the remote control with the light according to its instructions.
Light flickers or dims unexpectedly.	Unstable power supply, overheating, internal fault.	Ensure stable power supply. Check for obstructions around cooling vents. If problem persists, contact customer support.
APP control not connecting.	Bluetooth/Wi-Fi off, app not updated, light not in pairing mode.	Ensure Bluetooth/Wi-Fi is enabled on your device. Update the app to the latest version. Follow app instructions to put the light into pairing mode.

8. SPECIFICATIONS

Feature	Detail
Model Number	ITO-LD-C60B
Power Output	60W
Color Temperature Range	2700K - 7500K
Color Rendering Index (CRI)	>96
Television Lighting Consistency Index (TLCI)	>97
Brightness Adjustment	0% - 100%
Lighting Effects	8 (Lightning, Thunder, TV, Candlelight, Ambulance, Fire Truck, Explosion, Fireworks)
Control Methods	2.4G Remote Control, Mobile APP
Dimensions (L x W x H)	4 x 2.9 x 2.7 inches (102 x 74 x 68 mm)
Weight	0.55 pounds (250 grams)
Material	Aluminum Alloy

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official ITOTIN website or contact your retailer. Keep your purchase receipt as proof of purchase for warranty claims.

Manufacturer: ITOTIN

Date First Available: February 10, 2025

© 2025 ITOTIN. All rights reserved.