K&F CONCEPT PL-60B

K&F Concept PL-60B 60W Bi-Color COB Video Light User Manual

Model: PL-60B

Introduction Setup Operation Maintenance Troubleshooting Specifications Warranty & Support

1. Introduction

Thank you for choosing the K&F Concept PL-60B 60W Bi-Color COB Video Light. This compact and portable lighting solution is designed for photography and videography, offering adjustable color temperature, brightness, and various lighting effects. This manual provides essential information for the safe and effective use of your device.



Image 1.1: The K&F Concept PL-60B 60W COB Video Light with its reflector attached.

2. Setup

2.1 Unpacking

Carefully remove all components from the packaging. Please verify that all items listed below are present:

- 60W COB Lamp Body
- Reflector
- Silicone Soft Light Cover
- USB-C Charging Cable (1m)
- DC to USB-C Cable (3m)
- Handle
- Carrying Bag

- Instruction Manual

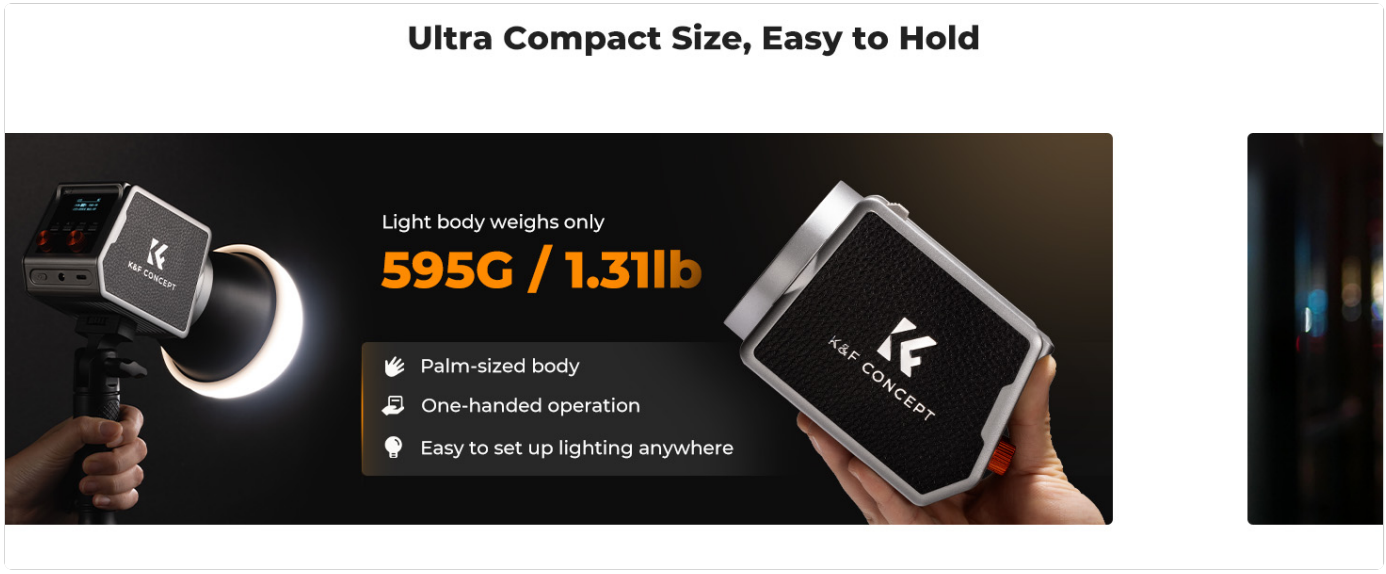


Image 2.1: All items included in the K&F Concept PL-60B package.

2.2 Physical Assembly

1. **Attach the Handle:** Secure the handle to the bottom of the light body.
2. **Attach the Reflector/Soft Light Cover:** Align the reflector or silicone soft light cover with the front of the COB light and twist to lock it into place.
3. **Mounting:** The light features a mini Bowens bayonet (6.5cm diameter) and is compatible with 1/4" screw light stands. Attach the light to a compatible stand or tripod for stable positioning.

2.3 Initial Charging

The PL-60B has a built-in 4500mAh battery. Before first use, fully charge the device.

- **USB-C PD Fast Charging:** Connect the provided USB-C charging cable to the Type-C port on the light and to a PD3.0 fast charger (60W or above, not included) or a compatible mobile power supply.
- **DC Power Adapter:** Alternatively, use a DC power adapter (12V 5A, 60W, not included) with the DC5525 port for direct power and charging.

The light can be used while charging. A full charge provides approximately 75 minutes of use in regular mode and 45 minutes in MAX mode.



Image 2.2: Charging options for the PL-60B, including USB-C and DC input.

2.4 App Installation

For remote control, download the Linklite mobile application from your device's app store. Ensure Bluetooth is enabled on your mobile device to connect to the light.

3. Operating Instructions

3.1 Power On/Off

To power on the device, press and hold the power button for a few seconds. Then, turn the rotary dial approximately 10 times to activate the light. To power off, press and hold the power button again.

3.2 Control Methods

The PL-60B offers two primary control methods:

- **Panel Controls:** Use the physical buttons and rotary dials on the light's control panel to adjust settings directly.
- **App Control:** Connect via Bluetooth to the Linklite app on your smartphone for remote adjustments of light switch, color temperature, brightness, and light effects. The app also supports controlling multiple lights simultaneously.

Image 3.1: Control options: mobile app and physical panel.

3.3 Color Temperature Adjustment

The light supports a bi-color temperature range from 2700K (warm light) to 6500K (cool light). Adjust the color temperature using the dedicated dial on the control panel or within the Linklite app to match your shooting environment or desired mood.

3.4 Brightness Adjustment

The brightness can be adjusted from 0% to 100%. Use the brightness dial or app slider to achieve the desired illumination level.

3.5 Special Lighting Effects

The PL-60B includes 12 built-in lighting effects to enhance creative photography and videography:

- Pulse
- Lightning
- TV
- Fault Light
- Paparazzi
- SOS
- Fade to Light
- Fade to Dark
- Campfire
- Explosion
- Candlelight
- Breathing Light

Select and activate these effects via the control panel or the Linklite app.

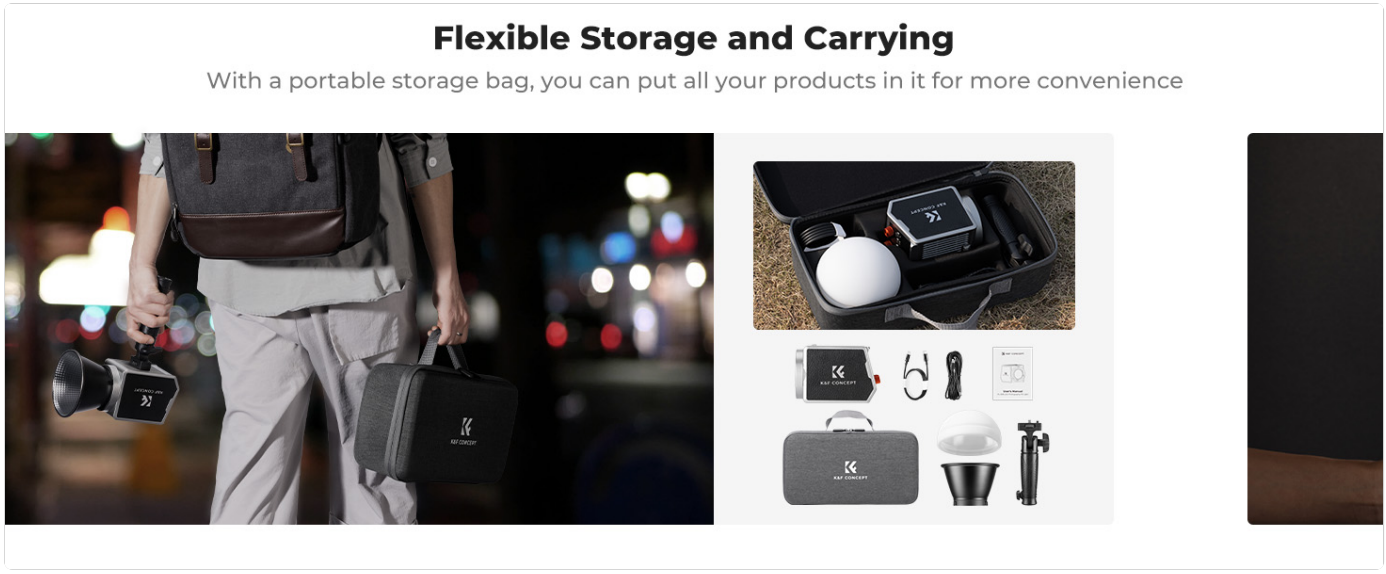


Image 3.2: The 12 distinct lighting effects for creative applications.

3.6 Cooling Fan Operation

The PL-60B is equipped with an intelligent temperature-controlled cooling fan for efficient heat dissipation and low noise operation. When the brightness is set below 20%, the fan may automatically turn off to ensure silent operation.

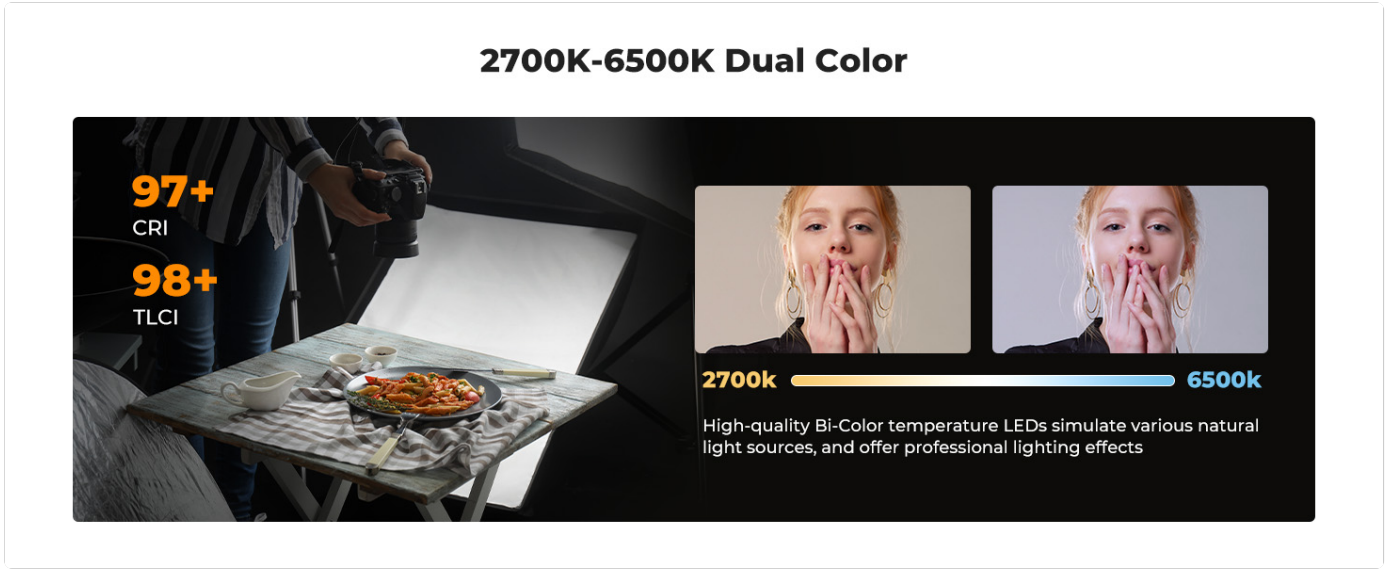


Image 3.3: The intelligent cooling system for quiet operation.

3.7 Product Video Overview

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Video 3.1: An official product video demonstrating the K&F Concept PL-60B COB photo light features and functionality.

4. Maintenance

4.1 Cleaning

To maintain optimal performance, regularly clean the light body and reflector. Use a soft, dry cloth to wipe away dust and debris. Avoid using harsh chemicals or abrasive materials that could damage the surface or optical components.

4.2 Storage

When not in use, store the PL-60B in its provided carrying bag to protect it from dust, moisture, and physical damage. Store in a cool, dry place away from direct sunlight.

4.3 Battery Care

To prolong battery life, avoid fully discharging the battery frequently. Recharge the battery when the power level is low. If storing the light for an extended period, ensure the battery is charged to approximately 50-70% to prevent deep discharge.

5. Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on	Battery is depleted; Incorrect power-on sequence.	Charge the battery using a compatible PD charger or DC adapter. Ensure the power button is held, then the rotary dial is turned 10 times.
Battery not charging via USB-C	Non-PD (Power Delivery) USB-C charger used; Charger output too low.	Use a USB-C charger that supports PD3.0 fast charging (60W or above). Alternatively, use a DC power adapter.
App control not working	Bluetooth not enabled; App not connected; Out of range.	Ensure Bluetooth is active on your mobile device. Open the Linklite app and connect to the light. Move closer to the light.
Fan is noisy	High brightness setting.	The fan operates to dissipate heat. If noise is a concern, reduce the brightness below 20%, and the fan may turn off.

6. Specifications

Feature	Detail
Model	PL-60B
Power Output	60W
Color Temperature	2700K-6500K (Bi-Color)
CRI	97+
TLCI	98+
Max Illumination (Bare Light)	2280lux/1m (5600K)
Max Illumination (with Reflector)	15900lux/1m (5600K)
Battery Capacity	Built-in 4500mAh
Charging Ports	Type-C (PD3.0 Fast Charging), DC5525

Feature	Detail
Battery Life (Regular Mode)	Approx. 75 minutes
Battery Life (MAX Mode)	Approx. 45 minutes
Control Methods	On-board panel, Bluetooth App (Linklite)
Lighting Effects	12 modes (Pulse, Lightning, TV, Fault Light, Paparazzi, SOS, Fade to Light, Fade to Dark, Campfire, Explosion, Candlelight, Breathing Light)
Cooling	Intelligent temperature-controlled fan
Product Dimensions	12 x 8.3 x 7.2 cm (4.72 x 3.27 x 2.83 inches)
Item Weight	595g (1.31 lbs)

7. Warranty & Support

7.1 Warranty Information

Specific warranty details for the K&F Concept PL-60B are typically provided at the point of purchase or on the official K&F Concept website. Please refer to your purchase documentation for precise warranty terms and conditions.

7.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact K&F Concept customer support through their official website or the contact information provided with your product packaging. When contacting support, please have your product model (PL-60B) and purchase details readily available.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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