PIXEL K80 Bi-Color

Pixel K80 Bi-Color LED Video Light Kit Instruction Manual

Model: K80 Bi-Color | Brand: PIXEL

INTRODUCTION

This manual provides detailed instructions for the safe and effective operation of your Pixel K80 Bi-Color LED Video Light Kit. Please read this manual thoroughly before use and retain it for future reference.

Image: The complete Pixel K80 Bi-Color LED Video Light Kit, including two LED panels, two light stands, a wireless remote control, two power adapters, and a carrying bag.

PACKAGE CONTENTS

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

- 2 x K80 Bi-Color Video Lights
- 2 x Light Stands
- 2 x Power Adapters
- 1 x Carrying Case
- 1 x Remote Controller

Image: An overhead view of all included components: two K80 LED lights, two light stands, two power adapters, one remote control, and the carrying bag.

PRODUCT FEATURES

- **Bi-Color LED Panel:** Equipped with 600 LEDs (300 white/300 warm), offering a color temperature range of 3000K to 8000K.
- **Dimmable Brightness:** Adjustable from 0% to 100% with a maximum illuminance of 4500 LM/1m.
- **High Color Rendering Index (CRI):** CRI 97+ ensures accurate color reproduction.
- **Wireless Remote Control:** Allows adjustment of brightness, color temperature, channel, and group settings.
- **Master and Slave Function:** Supports 48 channels and 6 groups for synchronized control of multiple lights.
- **Dual Power Options:** Operates via AC power adapter for indoor use or NP-F series batteries (not included) for outdoor use.
- **Portable Design:** Includes an all-in-one carrying bag for convenient transport and storage.

Image: A photographer using the K80 Bi-Color LED light to illuminate a subject, highlighting its application in professional settings and its

adjustable color temperature from 3000K to 8000K.

SETUP INSTRUCTIONS

1. **Assemble the Light Stand:**

   Extend the legs of the light stand to a stable position. Adjust the height using the locking knobs. Ensure all sections are securely tightened.

Image: A diagram illustrating the stable tripod light stand, showing its adjustable height from 28 to 80 inches, and the light panel dimensions.

2. **Attach the LED Panel:**

   Mount the K80 LED video light onto the top of the light stand. Secure it using the stand fixing knob on the U-bracket of the light panel. Adjust the rotation knob to set the desired angle.

Image: A close-up of the K80 LED light panel, highlighting its various components including the barn doors, rotation adjustment knob, battery option, ON/OFF adapter, U bracket, stand fixing knob, LCD display screen, adjust knob, and DC port.

3. **Power Connection:**

- **AC Power (Indoor Use):** Connect the power adapter to the DC port on the LED light and then plug it into a wall outlet.
- **Battery Power (Outdoor Use):** Insert two compatible NP-F series batteries (e.g., NP-F950 or higher, not included) into the battery slots on the back of the light panel.

Dual Power Options

Image: A visual representation of the two power options: connecting the power adapter for indoor use and inserting NP-F Li-ion batteries for outdoor use.

OPERATING INSTRUCTIONS

1. Power On/Off

Locate the ON/OFF switch on the light panel and toggle it to power the unit on or off. When using the remote, setting brightness to 0% will effectively turn off the light output, but the unit remains powered.

2. Adjusting Brightness and Color Temperature

Use the adjust knob on the back of the light panel or the wireless remote control to modify settings.

- **Brightness:** Rotate the knob or use the remote to adjust brightness from 0% to 100%.
- **Color Temperature:** Rotate the knob or use the remote to adjust color temperature from 3000K (warm) to 8000K (cool).

Image: A visual demonstration of the bi-color and dimmable features, showing how the light output changes across different color temperatures (3000K, 5600K, 8000K) and brightness levels (100% down to 1%).

3. Wireless Remote Control

The included wireless remote allows for convenient adjustment of light parameters from a distance.

- **Channel/Group Selection:** Use the 'CH' and 'GP' buttons on the remote to select the desired channel (1-48) and group (A-F).
- **Parameter Adjustment:** Use the remote's controls to adjust brightness and color temperature.

Note:

- The remote cannot physically turn off the light; it only sets brightness to 0%. Manually turn off the light using the switch on the panel.
- For wireless control, ensure both the light and the remote are set to the same channel and group.

Image: A hand holding the wireless remote control, with its LCD screen displaying current settings (e.g., 100% brightness, 5600K color temperature, Channel 48, Group A-F). The image also shows two K80 lights in a studio setup, indicating remote functionality.

4. Master and Slave Function

Any K80 light can act as a master to control other K80 lights. To use this function:

1. Set all lights you wish to control to the same channel and group.
2. Adjust settings on one light (the master), and the other lights (slaves) in the same channel and group will synchronize.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the light panel and remote control. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use, store the kit in the provided carrying bag in a cool, dry place, away from direct sunlight and moisture.

- **Battery Care:** If using NP-F batteries, remove them from the light when storing for extended periods to prevent leakage.
- **Heat Dissipation:** Ensure the ventilation holes on the light panel are not obstructed during operation to prevent overheating.
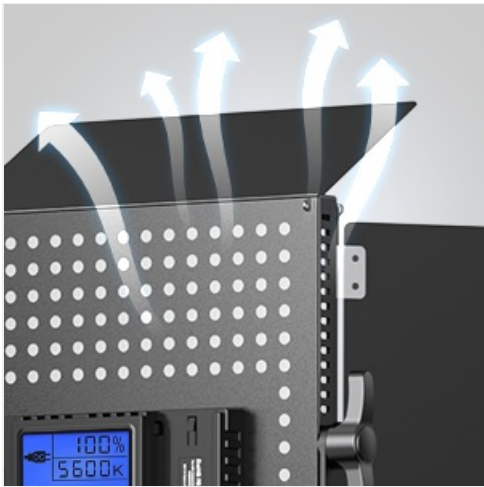

Image: A diagram illustrating the heat dissipation mechanism on the back of the LED light panel, showing arrows indicating airflow to prevent overheating.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power, loose connection, or depleted batteries.	Check power adapter connection or ensure batteries are charged and correctly inserted. Verify the ON/OFF switch is in the 'ON' position.
Remote control not working.	Incorrect channel/group, remote batteries depleted, or obstruction.	Ensure the remote and light are on the same channel and group. Replace remote batteries. Remove any obstructions between the remote and the light's sensor.
Lights not synchronizing (Master/Slave).	Lights are on different channels or groups.	Verify all lights intended for synchronization are set to the identical channel and group.
Light output is inconsistent or flickers.	Low battery power or unstable power supply.	If using batteries, replace or recharge them. If using AC power, check the power source for stability.

SPECIFICATIONS

- **Model:** K80 Bi-Color
- **LED Quantity:** 600 (300 white, 300 warm)
- **Power:** 45W
- **Color Temperature:** 3000K-8000K (adjustable)
- **Brightness Range:** 0-100% (dimmable)
- **Maximum Illuminance:** 4500 LM/1m
- **CRI:** 97+
- **Channels:** 48

- **Groups:** 6 (A-F)
- **Power Source:** DC 15V (via power adapter) or 2 x NP-F series batteries (not included)
- **Product Dimensions:** 9.8 x 9.5 x 0.8 inches (light panel)
- **Item Weight:** 17.01 pounds (total kit)
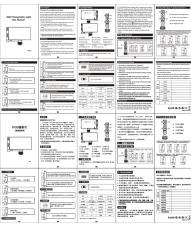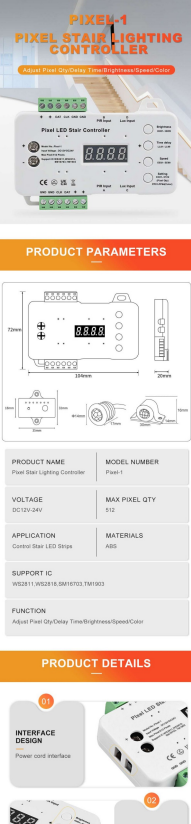- **Connectivity Technology:** Infrared (for remote)

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official PIXEL website. Keep your purchase receipt as proof of purchase for any warranty claims.

Manufacturer: Pixel

Related Documents - K80 Bi-Color

	Pixel K80 RGB Professional Video Light User Manual User manual for the Pixel K80 RGB Professional Video Light, detailing specifications, components, interface icons, installation, and operation modes including HSI, CCT, and FLS effects. Learn about brightness, color temperature, and light effect settings.
	PIXEL G1S RGB Photographic Light User Manual User manual for the PIXEL G1S RGB Photographic Light, detailing its components, operation, and specifications. Includes instructions for use, button functions, and settings adjustments.

INSTALLATION DIAGRAM

Power Supply

Daylight sensor

1 PCS
Daylight Sensor Length 1m

2 PCS
Sensor Cable Length 1m

1 PCS
Extension Cord Length 5m

DAYLIGHT SENSOR

Daylight Sensor OFF
PIR Sensor work both day and night

Daylight Sensor ON
6 levels Lux setting

This Daylight sensor does not need to be placed visibly near the steps, but it should be able to detect light and dusk.
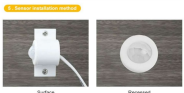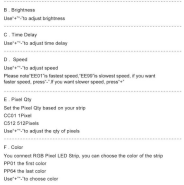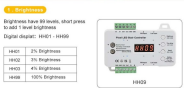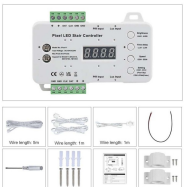
The sensor has 7 indicator lights. When you switch off the sensor by pressing the button (the control light at 'OFF' will turn blue), the lighting will be switched on in the daytime as well as in the evening.

When you press the button again, you switch the sensor on to the desired setting.

1x Press	the sensor is switched off
2x Press	5 Lux - the sensor will switch on when it is quite dark
3x Press	15 Lux
4x Press	30 Lux
5x Press	60 Lux
6x Press	100 Lux
7x Press	150 Lux - the sensor will switch on when it is light

HOW TO USE

1. Brightness

Brightness have 99 levels, short press to add 1 level brightness

Digital display: HH01 - HH99

HH01	2% Brightness
HH02	3% Brightness
HH03	4% Brightness
HH99	100% Brightness

HH99

2. Time delay

LL40

Time delay have 99 levels, short press to add 1 level time delay

Digital display: LL01 - LL99

LL01	4S
LL02	8S
LL03	8S
LL99	306S

3. Speed

Speed have 99 levels, short press to adjust speed

Digital display: EE01 - EE99

EE01	150ms fastest speed
EE02	175ms
EE03	200ms
EE99	2600ms slowest speed

EE50

4. Setting

Long press 'Setting' to set Brightness,Time Delay, Speed, RGB or Single Color, Pixel Qty and Color

Short press 'Setting' to enter next setting

After finished all setting, long press 'Setting' to save all setting

A. RGB and Single Color

If you connect Single Color Pixel LED Strip to controller, choose 'CH-1'
If you connect RGB Pixel LED Strip to controller, choose 'CH-3'

B. Brightness
Use '+''-'to adjust brightness

C. Time Delay
Use '+''-'to adjust time delay

D. Speed
Use '+''-'to adjust speed
Please note 'EE01'is fastest speed,'EE99'is slowest speed, if you want faster speed, press'-',if you want slower speed, press'+'

E. Pixel Qty
Set the Pixel Qty based on your strip
CC01 1Pixel
CS12 512Pixels
Use '+''-'to adjust the qty of pixels

F. Color
You connect RGB Pixel LED Strip, you can choose the color of the strip
PP01 the first color
PP04 the last color
Use '+''-'to choose color

5. Sensor installation method

Surface   Recessed

APPLICATION SCENARIO

PRODUCT LIST

Wire length: 5m   Wire length: 1m   Wire length: 1m

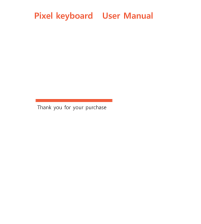[Pixel-1 Pixel Stair Lighting Controller: Features, Specifications, and Usage Guide](#)

A comprehensive guide to the Pixel-1 Pixel Stair Lighting Controller, detailing its features, installation, operation, and specifications for various LED strips. Learn how to adjust brightness, delay time, speed, and color for dynamic stair lighting.

Pixel keyboard User Manual Thank you for your purchase	[Pixel Keyboard User Manual - Features, Specifications, and Operation](#) Comprehensive user manual for the Pixel Keyboard, detailing its advanced features, technical specifications, shortcut keys, customization options, connectivity, and interface details. Learn about its 3840x1100 IPS display, 20000mAh battery, 65W fast charging, and computer screen projection capabilities.
USER MANUAL	[Pixel Voical Lark Wireless Microphone System User Manual](#) Comprehensive user manual for the Pixel Voical Lark wireless microphone system, covering setup, features, product components, operation, cascading, and troubleshooting for professional and content creation audio needs.
K80 RGB Professional Video Light User Manual RoHS FC http://www.pixelhk.com	[Pixel K80 RGB Professional Video Light User Manual](#) User manual for the Pixel K80 RGB Professional Video Light, detailing specifications, components, interface icons, installation, and operation modes including HSI, CCT, and FLS effects. Learn about brightness, color temperature, and light effect settings.