NEEWER NL-120B

NEEWER Basics 9" LED Video Light Panel NL-120B Instruction Manual

Model: NL-120B

1. INTRODUCTION

The NEEWER Basics 9" LED Video Light Panel (Model NL-120B) is designed to provide versatile and high-quality lighting for various content creation needs. Featuring edge-lit technology, it delivers soft, eye-caring illumination with adjustable color temperature and brightness. This manual provides essential information for the safe and effective use of your LED video light panel.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x LED Video Light Panel with Built-in Battery
- 1 x Cold Shoe Adapter
- 1 x USB Type-C Cable

EASY LIGHTING CONTROL

The panel button provides precise control over color temperature and brightness, with increments of 1%.

1%
Increments Adjustment

0-100%
Brightness Adjustment

3200K-5600K
Color Temperature Range

CRI 95+
ACCURATELY RESTORES COLOR

Experience true to life colors with a CRI of 95+.

OTHERS CRI <80

NEEWER CRI 95+

Image 1: The package includes the NL-120B Panel Light, a Cold Shoe Adapter, and a USB Type-C Cable. These components are essential for setting up and operating the device.

3. SETUP

3.1 Charging the Battery

The NL-120B features a built-in 3.7V 4000mAh lithium battery. For optimal battery longevity, fully charge the device before first use.

1. Connect the provided USB Type-C cable to the light panel's charging port.
2. Connect the other end of the USB Type-C cable to a compatible USB power source (e.g., wall adapter, computer USB port).
3. The battery indicator on the display will show charging progress. A full charge typically takes approximately 2 hours.
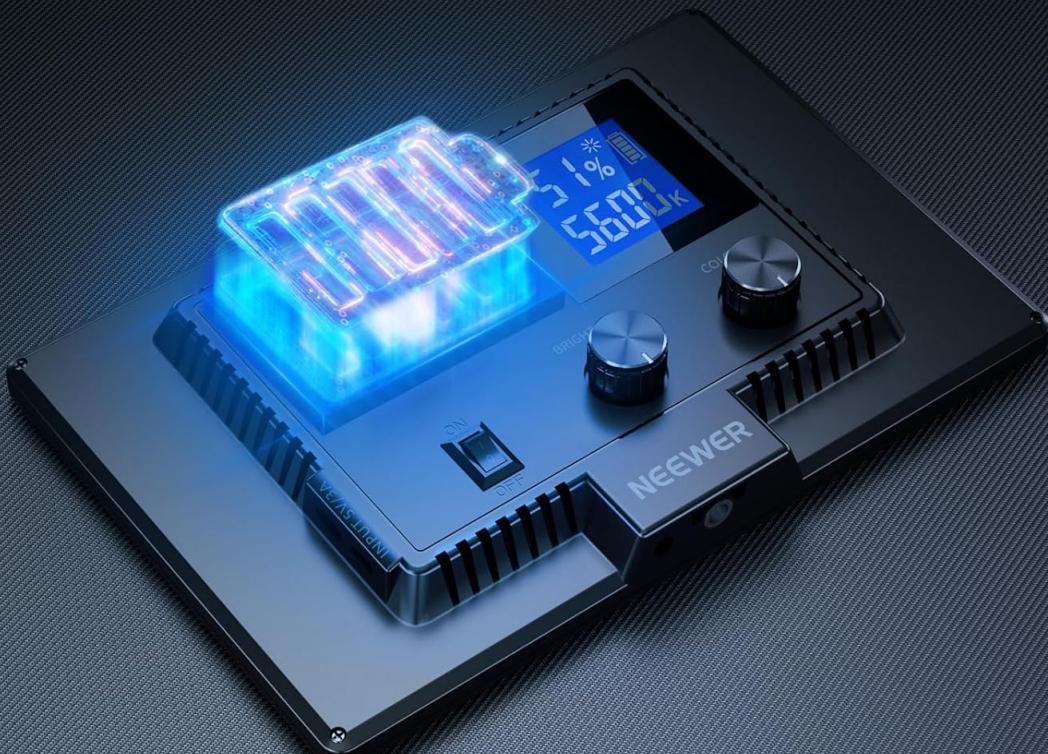
Image 2: The NL-120B light panel connected via USB Type-C for charging. The display shows battery status and color temperature settings.

3.2 Attaching the Cold Shoe Adapter

The 1/4" cold shoe adapter allows for versatile mounting options.

1. Screw the cold shoe adapter into the 1/4" screw hole located at the bottom of the light panel.
2. Securely attach the cold shoe adapter to a DSLR camera, camcorder, tripod, or other compatible device.
3. The adapter allows for 180° front and back tilt to achieve desired shooting angles.
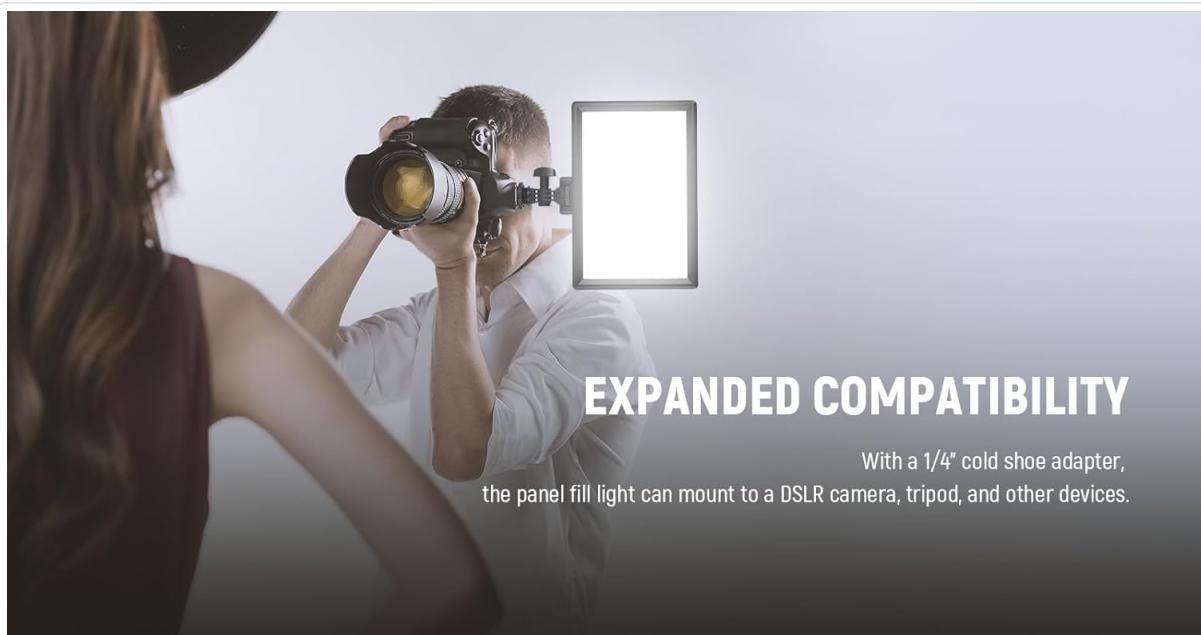
Image 3: The cold shoe adapter attached to the NL-120B light panel, demonstrating its compatibility with various camera setups and tripods. The adapter allows for flexible angle adjustments.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Locate the power button on the side of the light panel. Press and hold the button for a few seconds to turn the device on or off.

4.2 Adjusting Brightness

The NL-120B offers stepless dimming from 0% to 100% in 1% increments.

1. With the light powered on, locate the brightness control knob on the back panel.
2. Rotate the knob clockwise to increase brightness.
3. Rotate the knob counter-clockwise to decrease brightness.
4. The current brightness percentage will be displayed on the LCD screen.
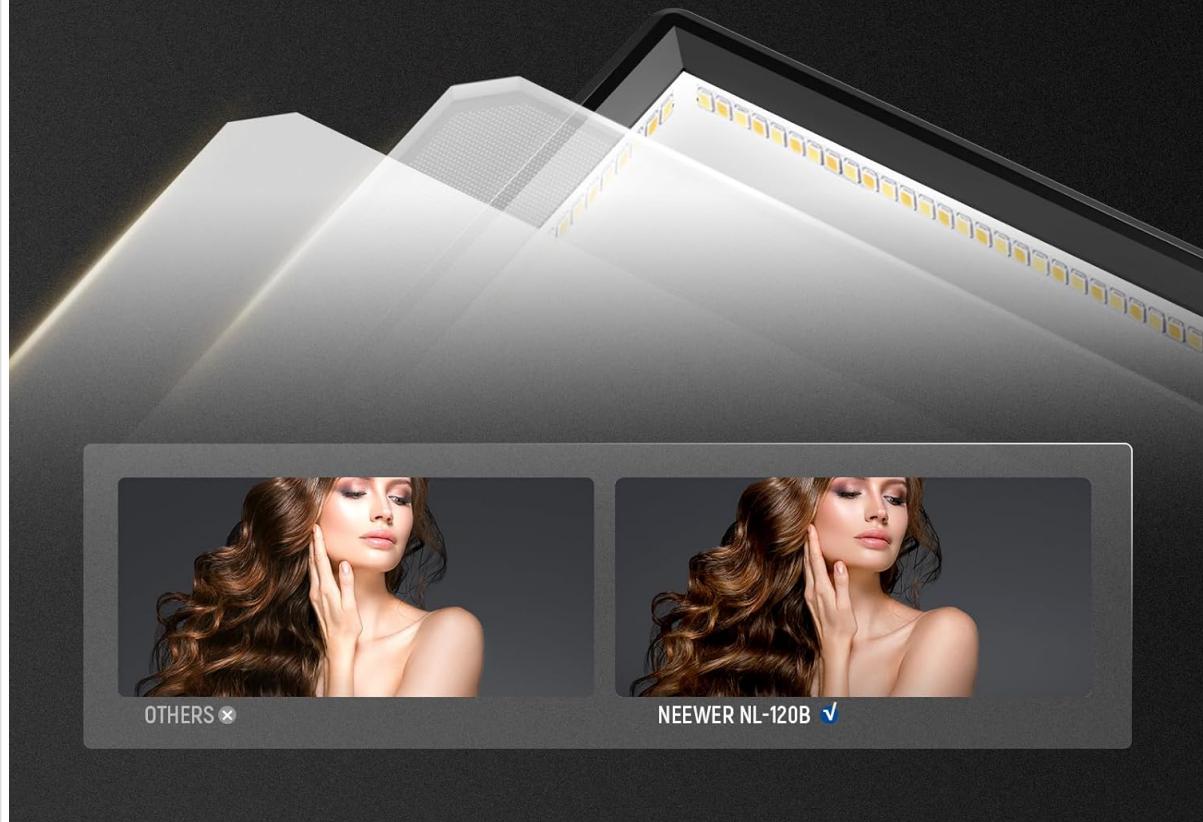
Image 4: A hand adjusting the brightness knob on the back of the NL-120B light panel. The LCD screen clearly shows the brightness percentage and color temperature, allowing for precise control.

4.3 Adjusting Color Temperature

The light panel allows for precise adjustment of color temperature from 3200K (warm) to 5600K (cool).

1. With the light powered on, locate the color temperature control knob on the back panel.
2. Rotate the knob clockwise to increase the color temperature (cooler light).
3. Rotate the knob counter-clockwise to decrease the color temperature (warmer light).
4. The current color temperature in Kelvin (K) will be displayed on the LCD screen.

Image 5: The NL-120B light panel showcasing its key features including 800lux/0.5m illumination, 4000mAh battery, 3200K-5600K color temperature, 10W maximum power, 1.5H running time, 1%-100% stepless dimming, and CRI95+.

Your browser does not support the video tag.

Video 1: This video demonstrates the NEEWER BASICS 2 Pack LED Video Light Panel Lighting Kit, highlighting its features and ease of use for various lighting scenarios. It shows the light's adjustability and overall functionality.

5. MAINTENANCE

- Keep the light panel clean by wiping it with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- Ensure the USB Type-C port is free from dust and debris to maintain proper charging functionality.
- The light panel is made of ABS plastic for lightweight portability and increased durability.

6. TROUBLESHOOTING

6.1 Light Not Turning On

- Check if the battery is sufficiently charged. Connect the light to a power source using the USB Type-C cable and allow it to charge.

- Ensure the power button is pressed and held correctly to activate the device.

6.2 Short Battery Life

- Battery runtime is approximately 1.5 hours on a full charge. If you require longer operation, consider using the light while connected to a power source via the USB Type-C cable.
- Operating at 100% brightness will consume battery power faster. Adjust brightness levels as needed to extend runtime.

7. SPECIFICATIONS

Feature	Detail
Model	NL-120B Standard
Item Type	LED Video Light Panel
Input	5V 2A
Maximum Power	10W
LED Quantity	120 (60 Warm + 60 White)
CRI/TLCI	95+
Color Temperature	3200K-5600K
Maximum Illumination	800lux/0.5m
Battery Capacity	3.7V 4000mAh
Runtime	1.5H
Charging Time	About 2H
Dimensions	7.6" x 1" x 5" / 192x21.4x128mm
Item Weight	1.06 pounds
Manufacturer	NEEWER
UPC	191073116528
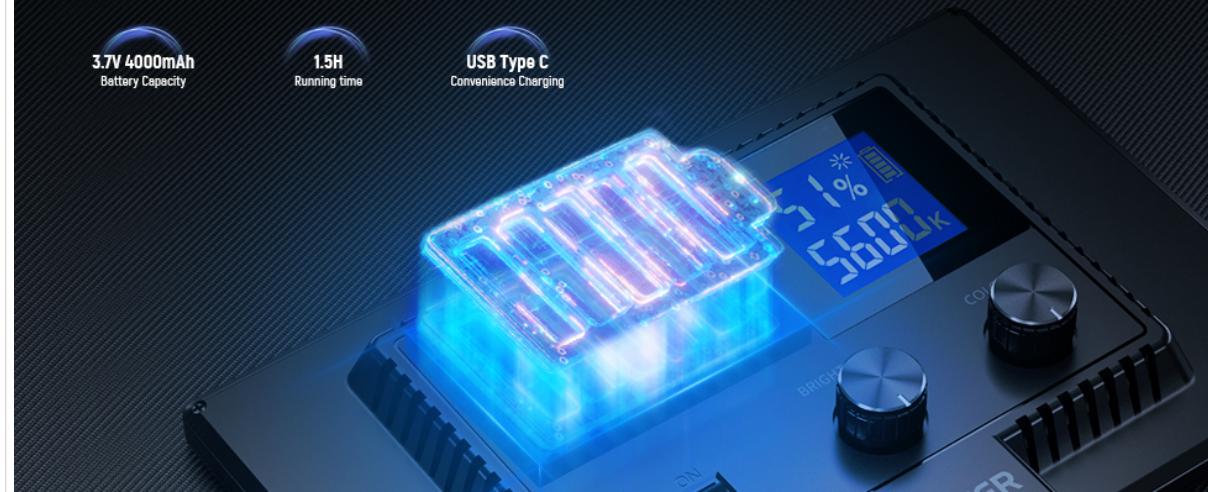
Image 6: A detailed overview of the NL-120B's specifications, including model, item type, input, maximum power, LED quantity, CRI/TLCI, color temperature, maximum illumination, battery capacity, runtime, charging time, and dimensions.

8. WARRANTY & SUPPORT

For warranty information and customer support, please refer to the official NEEWER website or contact their customer service directly. Keep your purchase receipt for warranty claims.

Visit the NEEWER Store: NEEWER Official Store