

NEEWER P280

Neewer P280 2-Pack 2.4G LED Video Lighting Kit Instruction Manual

Model: P280

1. INTRODUCTION

Thank you for purchasing the Neewer P280 2-Pack 2.4G LED Video Lighting Kit. This manual provides essential information for the safe and effective operation of your lighting equipment. Please read it thoroughly before use and retain it for future reference.

2. PACKAGE CONTENTS

The Neewer P280 2-Pack 2.4G LED Video Lighting Kit includes the following items:

- (2) P280-2.4G LED Light Panels
- (1) RT-100 2.4G Remote Control
- (2) Light Stands (2M)
- (2) Power Adapters
- (2) Hot Shoe Ball Head Adapters
- (2) Hand Grips
- (1) Large Carrying Bag

3. SETUP

3.1 Assembling the Light Stand and Panel

1. Extend the light stand to your desired height (3-6.5 feet/92-200 cm). Ensure all locking capabilities are solid to secure your equipment.
2. Attach the hot shoe ball head adapter to the top of the light stand.
3. Mount the P280 LED Video Light Panel onto the hot shoe ball head adapter. The ball head allows for 360-degree swivel and 90-degree tilt for flexible positioning.
4. Alternatively, attach a hand grip to the light panel for handheld operation.

ADJUSTABLE LIGHT STAND

Made of corrosion-resistant metal
giving it exceptional strength for heavy duty work

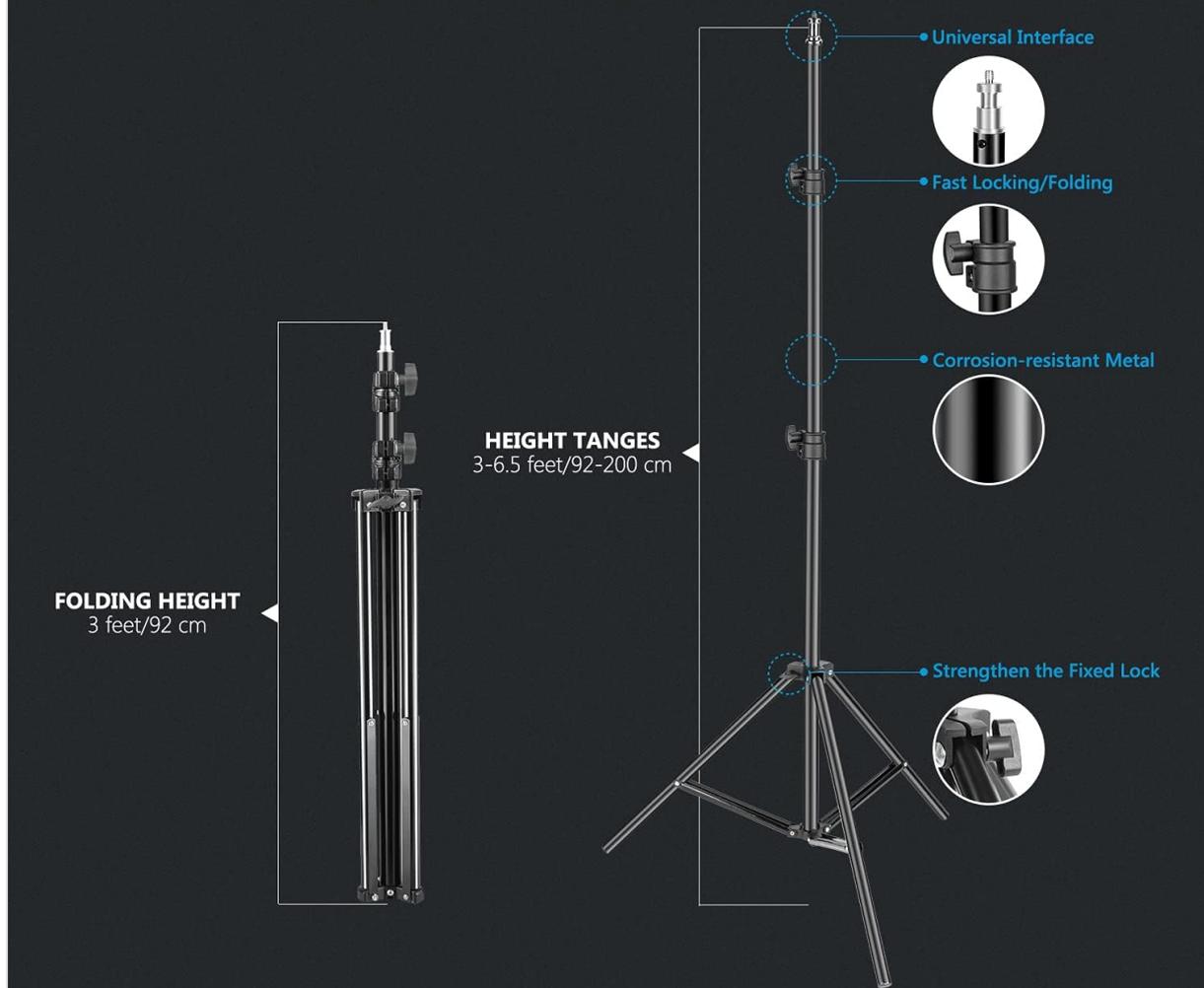


Image: A Neewer P280 LED panel mounted on a light stand, showing its adjustable barn doors. This setup is ideal for studio or location shooting, providing stable and directional lighting.

3.2 Power Options

The P280 LED Video Light Panel offers two power options:

- **Power Adapter:** Connect the included power adapter to the light panel and a suitable power outlet for continuous operation.
- **NP-F550 Li-ion Battery:** For portable use, the light can be powered by an NP-F550 Li-ion battery (not included). Insert the battery into the designated slot on the back of the panel.



Image: A detailed view of the Neewer P280 LED panel's rear, highlighting the dual power supply system. It shows the input for the DC12-15V power adapter and slots for NP-F550 Li-ion batteries, offering versatility for both indoor and outdoor use.

4. OPERATING INSTRUCTIONS

4.1 Light Panel Controls

The P280 LED panel features an LCD screen and two separate knobs for precise control:

- **Brightness Adjustment:** Use the dedicated knob to adjust the light's brightness from 0% to 100%.
- **Color Temperature Adjustment:** Use the other knob to set the color temperature between 3200K (Tungsten) and 5600K (Daylight).
- **LCD Screen:** The clear LCD screen displays the current brightness, color temperature, selected channel, and power status.

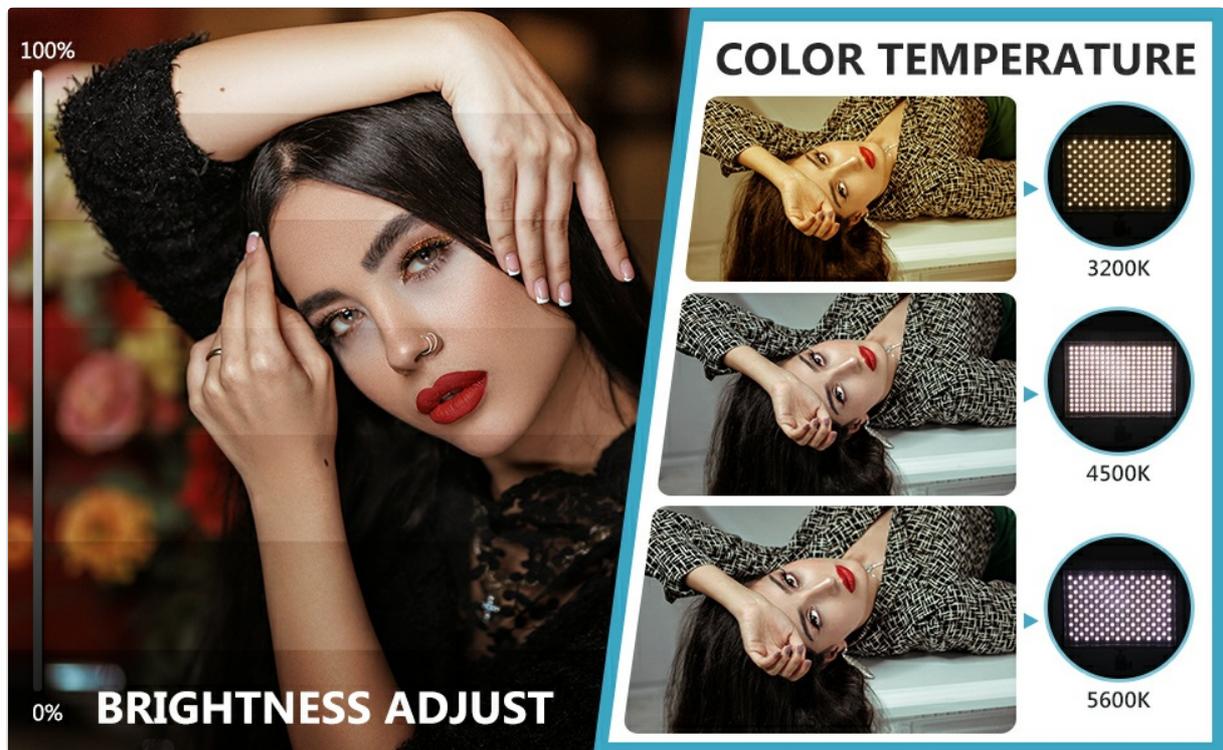


Image: Close-up of the Neewer P280 LED panel's control interface, featuring an LCD display showing brightness (50%) and color temperature (5600K). Two rotary knobs allow for precise adjustments of these settings, along with a channel selection button.

4.2 2.4G Wireless Remote Control

The included RT-100 2.4G Remote Control allows for convenient adjustments from up to 20 meters away:

- Adjust brightness and color temperature wirelessly.
- Select from 11 channels (1-10 Channel and "88" Channel) to control multiple lights simultaneously for complex lighting setups.



2.4G WIRELESS REMOTE CONTROL

It allows you to control multiple lights to achieve more creative work



Image: The Neewer P280 LED panel is shown alongside its 2.4G wireless remote control. The remote allows users to adjust brightness, color temperature, and channels from a distance, facilitating efficient lighting control during shoots.

4.3 Application Scenarios

This lighting kit is versatile and suitable for various applications, including:

- Film shooting
- Portrait photography
- Product photography
- Studio photography
- YouTube video shooting
- Outdoor works

CRI 95+	Lumen 0.5M 3700LUX 1M 1200LUX	LED Quantity 280 Pcs SMD (140Yellow+140White)	Power 28W
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CRI:>95



CRI:<90

WIDELY USED



PRODUCT SHOOTING



PORTRAIT SHOOTING



VIDEO SHOOTING

Image: A collage demonstrating the wide applicability of the Neewer P280 LED lights. It shows examples of product shooting, portrait photography, and video shooting, highlighting the kit's adaptability for different creative needs.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the light panels and accessories. Avoid using abrasive cleaners or solvents.
- **Heat Dissipation:** The light panels are designed with excellent heat dissipation to prolong their working life. Ensure proper ventilation during use and avoid blocking the vents.
- **Storage:** When not in use, store the kit in the provided carrying bag to protect it from dust and damage.
- **Battery Care:** If using batteries, ensure they are charged and stored according to manufacturer guidelines. Remove batteries if the light will not be used for an extended period.



EXCELLENT HEAT DISSIPATION

Perfect heat dissipation design can prolong the working life of the panel.



TWO WAYS TO USE

Handheld Use with a handle
OR use it on Light Stand



BALL HEAD ADAPTER

It can be swiveled 360° or tilted 90°, to give you different angle positions and move smoothly

Image: A close-up of the back of the Neewer P280 LED panel, illustrating its heat dissipation design. This feature is crucial for maintaining optimal performance and extending the lifespan of the LED lights.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light not turning on	No power supply; Battery depleted; Power switch off	Check power adapter connection; Charge/replace battery; Turn on power switch
Remote control not working	Remote batteries depleted; Incorrect channel selection; Out of range	Replace remote batteries; Ensure correct channel is selected on both remote and light; Operate within 20 meters range
Inconsistent light output	Low battery power; Loose connection	Ensure adequate power supply; Check all cable connections

7. SPECIFICATIONS

- **Product Dimensions:** 8.3 x 1.8 x 5.9 inches

- **Item Weight:** 11.62 pounds
- **Item Model Number:** P280 (2 Pack)
- **Brand:** NEEWER
- **Connectivity Technology:** USB (for certain functions, refer to app for details)
- **Power:** 28W (per panel)
- **LED Quantity:** 280 SMD (140 Yellow + 140 White)
- **Color Temperature:** 3200-5600K
- **CRI:** 95+
- **Lumen:** 0.5M 3700LUX, 1M 1200LUX



Image: A visual representation of the P280-2.4G LED Light Panel, detailing its dimensions (5.9 x 8.3 x 1.8 inches) and net weight (19 ounces/538g). It also highlights the 280 SMD lamp beads, consisting of 140 yellow and 140 white LEDs, and includes a soft diffuser for light softening.

8. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your Neewer P280 LED Video Lighting Kit, please refer to the official NEEWER website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

