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> NEEWER 10" 20W High Power LED Ring Light User Manual

## NEEWER RH10B 10" w/Bag

# NEEWER 10" 20W High Power LED Ring Light User Manual

Model: RH10B 10" w/Bag

Brand: NEEWER

## 1. INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, and maintenance of your NEEWER 10" 20W High Power LED Ring Light. This versatile lighting solution is designed to enhance your video recording, selfies, makeup application, studio work, live streaming, and TikTok content creation. It features 168 LEDs (84 cool white & 84 warm white), 0-100% dimming, 1660LX/0.5m illuminance, and high color accuracy (CRI 97+/TLCI 98+).

## 2. WHAT'S IN THE BOX

Carefully unpack your NEEWER 10" 20W High Power LED Ring Light and ensure all components are present and in good condition. If any items are missing or damaged, please contact customer support.

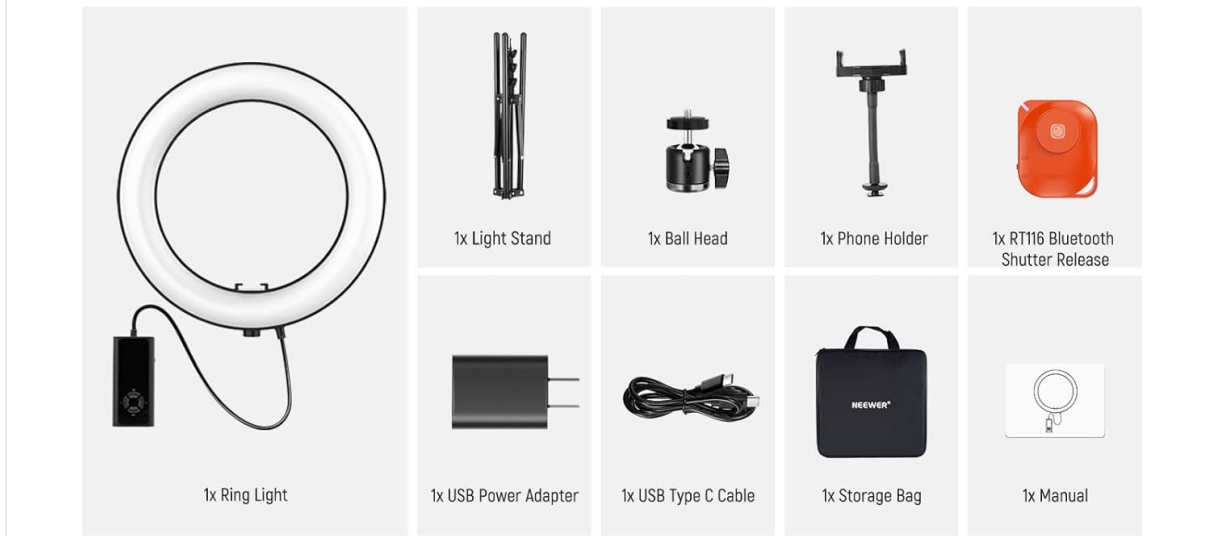


Figure 2.1: Package Contents Overview

- 1 x Ring Light
- 1 x Light Stand
- 1 x Ball Head
- 1 x Flexible Phone Holder
- 1 x Bluetooth Shutter Release
- 1 x USB Power Adapter
- 1 x USB Type C Cable
- 1 x Bag

### 3. SETUP INSTRUCTIONS

1. **Assemble the Light Stand:** Extend the legs of the light stand to form a stable base. Adjust the height to your desired level (21"-71"/54-180cm) by loosening and tightening the locking knobs on the telescopic sections. The stand legs can fold upward for storage.
2. **Attach the Ball Head:** Screw the ball head onto the top of the light stand. Ensure it is securely fastened.
3. **Mount the Ring Light:** Attach the ring light to the 1/4" screw on the ball head. Use the ball head to adjust the illumination angle of the ring light, allowing for 360° rotation and 90° tilt.
4. **Install the Phone Holder:** Secure the flexible phone holder onto the cold shoe mount located on the

ring light. The phone holder is 360° rotatable, allowing you to position your smartphone vertically or horizontally.

5. **Insert Your Smartphone:** Gently place your smartphone into the flexible phone holder. Ensure it is held securely within the 6-9.5cm opening range.
6. **Connect Power:** Connect the USB Type-C cable to the ring light's power input and the other end to the supplied PD 25W USB power adapter. Plug the adapter into a suitable power outlet. *Note: To maintain 24W stable output, use a USB power adapter of 20W output or higher.*



Figure 3.1: Flexible Adjustment of Ring Light and Phone Holder

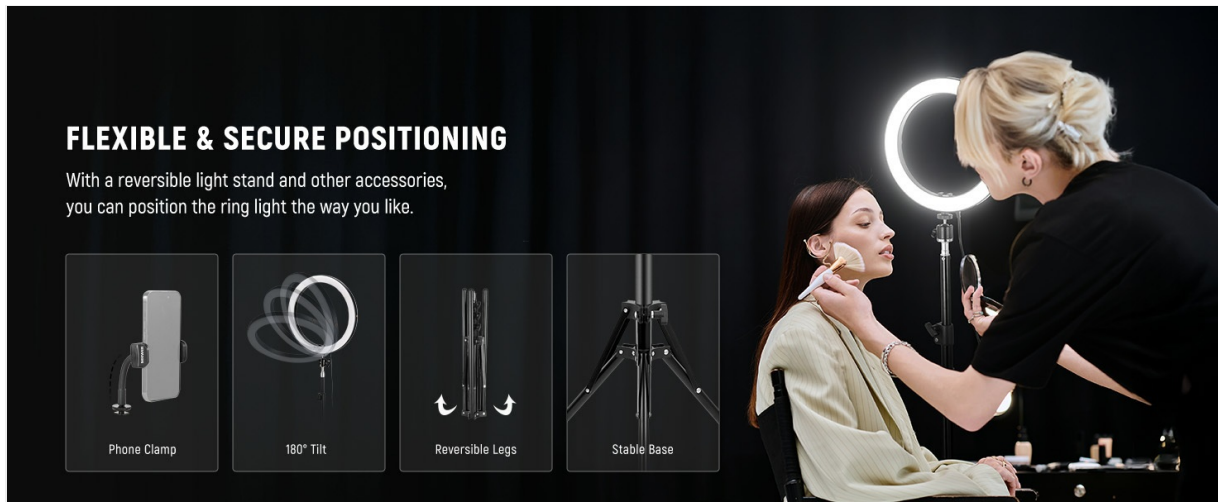


Figure 3.2: Positioning Options for the Ring Light

#### 4. OPERATING INSTRUCTIONS

The ring light is controlled via a wired controller with an HD display, providing easy access to all settings.



Figure 4.1: Wired Controller with HD Display



Figure 4.2: Controller Button Layout

#### 4.1 Power On/Off

- Press the **Power ON/OFF** button (1) on the wired controller to turn the ring light on or off.

#### 4.2 CCT Mode (Color Temperature & Dimming)

In CCT Mode, you can adjust both the color temperature and brightness of the light.

## ULTRA WIDE COLOR TEMPERATURE

The flexibly adjustable lighting can flatter all skin tones, brighten your face, and minimize blemishes.



**2900-7000k**  
Color Temperature



**0-100%**  
Dimming



Figure 4.3: Color Temperature and Dimming Adjustment

- Press the **Mode Key** (3) until 'CCT' is displayed.
- Use the '+' (6) and '-' (5) keys to adjust the color temperature between 2900K (warm light) and 7000K (cool light).
- Press the **Sub Mode Key** (4) to switch to brightness adjustment. Use the '+' (6) and '-' (5) keys to adjust the brightness from 0% to 100%.

### 4.3 FX Scene Effect Modes

The ring light offers 12 realistic scene effects for creative video shooting.

# SPECIAL SCENE EFFECTS

Create your own vibes with 12 dynamic scenes



Figure 4.4: Available FX Scene Effects

- Press the **Mode Key** (3) until 'FX' is displayed.
- Use the '+' (6) and '-' (5) keys to cycle through the 12 available scene effects (e.g., Lightning, Paparazzi, Defective Bulb, Explosion, Welding, CCT Flash, CCT Pulse, Candlelight, CCT Loop, INT Loop, TV Screen, Fireworks).

## 4.4 Wireless Remote Shooting (Bluetooth Shutter Release)

The included Bluetooth shutter release allows you to control your phone's camera wirelessly for photos and videos.

## WIRELESS REMOTE SHOOTING

Pair your phone with NEEWER RT116 Bluetooth remote control to shoot photos and videos wirelessly.

Compatible with **iOS & Android**



**33ft / 10m**

Max. Remote Control Distance

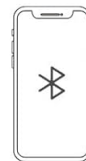


Figure 4.5: Bluetooth Shutter Release

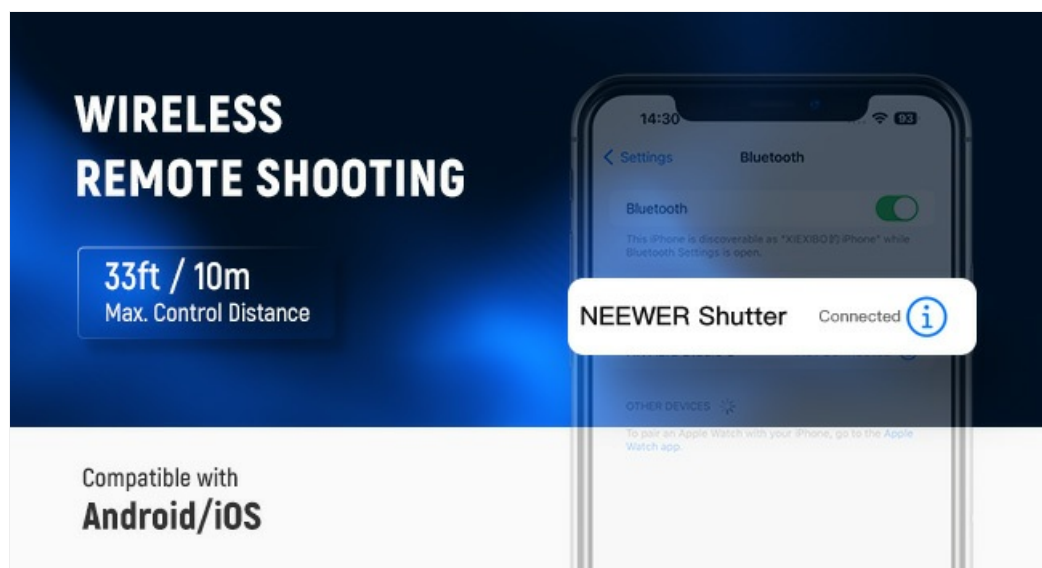


Figure 4.6: Bluetooth Pairing Confirmation

1. Turn on the Bluetooth shutter release.
2. Enable Bluetooth on your smartphone and search for available devices.
3. Select 'NEEWER Shutter' from the list to pair.

- Once paired, open your phone's camera app. Press the button on the Bluetooth shutter release to take photos or start/stop video recording.

## 5. MAINTENANCE

- Cleaning:** Use a soft, dry cloth to clean the ring light and stand. Avoid using abrasive cleaners or solvents that could damage the finish or electronic components.
- Storage:** When not in use, store the ring light and its accessories in the provided carry bag in a cool, dry place away from direct sunlight and excessive humidity.
- Handling:** Handle the ring light and stand with care to prevent damage. Avoid dropping or subjecting the equipment to strong impacts.

## 6. TROUBLESHOOTING

- Light not turning on:** Ensure the USB Type-C cable is securely connected to both the ring light and the power adapter, and that the power adapter is plugged into a working electrical outlet. Verify the power adapter meets the minimum 20W output requirement.
- Bluetooth shutter release not connecting:** Check that the shutter release is powered on and your phone's Bluetooth is enabled. Ensure the shutter release is within the 33ft/10m operating range. Try unpairing and re-pairing the device in your phone's Bluetooth settings.
- Inconsistent light output:** Confirm that the power adapter provides sufficient wattage (20W or higher) for stable operation. Check for any physical damage to the cable or light.

## 7. SPECIFICATIONS



Figure 7.1: Product Specifications

Feature	Specification
Model	RH10B 10" w/Bag
Number of LEDs	168 (84 cool white & 84 warm white)
Output Power	20W
Maximum Illuminance	1660LX/0.5m
Color Temperature	2900K-7000K

Dimming Range	0-100%
CRI (Color Rendering Index)	97+
TLCI (Television Lighting Consistency Index)	98+
FX Scene Effects	12
Light Stand Height Range	21"-71" / 54-180cm
Phone Holder Opening Range	6-9.5cm
Bluetooth Remote Control Distance	Up to 33ft / 10m
Connectivity Technology	Bluetooth
Item Weight	2.2 pounds
Package Dimensions	20.35 x 15.75 x 4.53 inches