NEEWER RGB18 II

NEEWER 18 Inch RGB LED Ring Light RGB18 II User Manual

1. INTRODUCTION

The NEEWER RGB18 II Large Ring Light is designed to provide versatile and high-quality illumination for various photography and videography applications. Featuring 576 LEDs, it delivers soft, continuous, and flicker-free light with high color accuracy (CRI97+ & TLCI98+). This manual provides essential information for setting up, operating, and maintaining your ring light.

The ring light offers three distinct modes: CCT Mode for adjustable bi-color lighting (2500K-10000K) and dimming (0-100%) with GM correction; HSI Mode for 360° full RGB colors; and FX Mode with 18 special scene effects. It supports smart wireless control via the NEEWER app and includes a durable, portable tripod stand and phone holder for enhanced versatility.

2. WHAT'S IN THE BOX

- 1 x RGB18 II Ring Light
- 1 x Power Cord
- 1 x Power Adapter
- 1 x Reverse Folding Light Stand
- 1 x Flexible Tube Arm
- 1 x Ball Head
- 1 x Phone Clamp
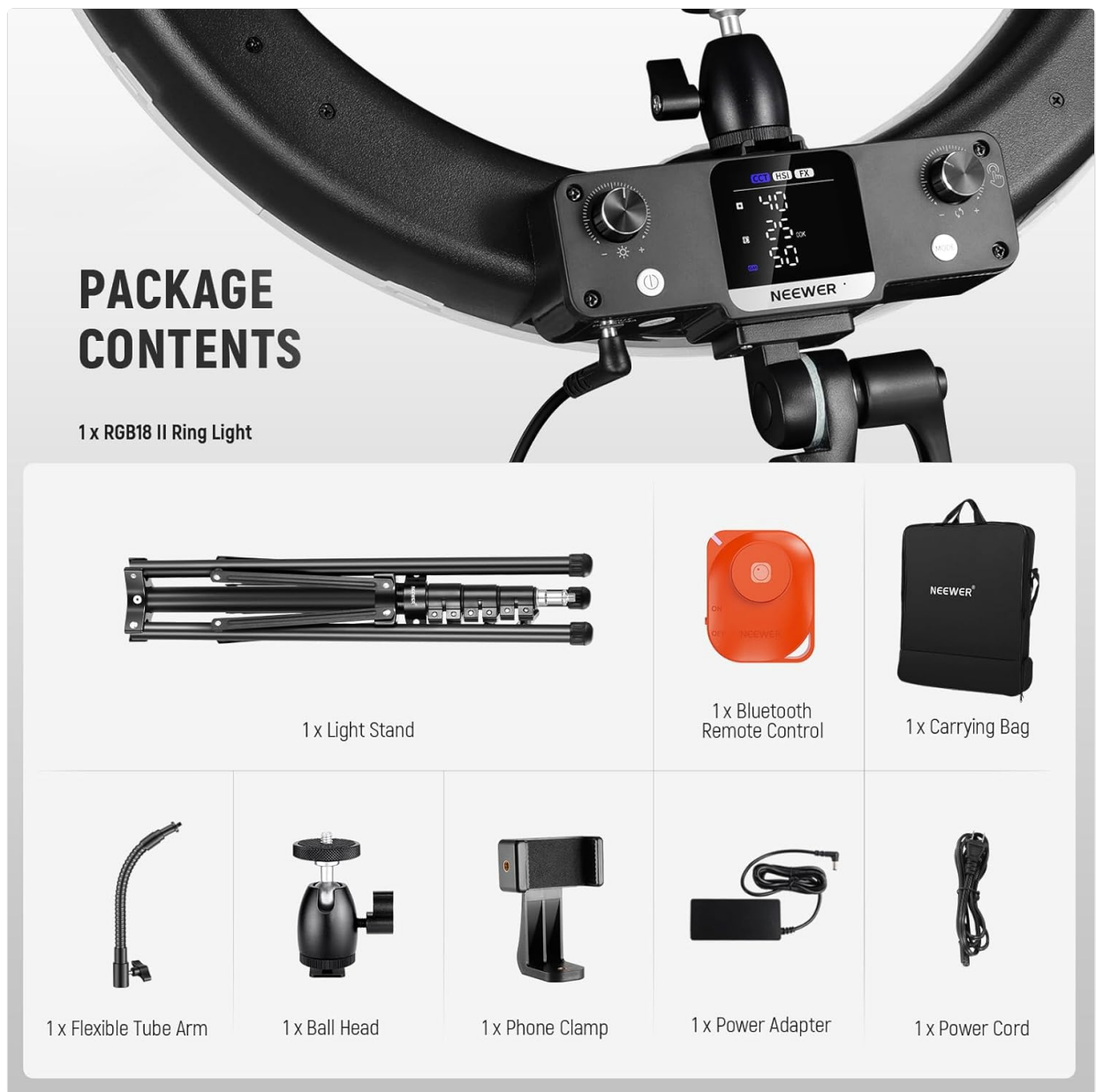- 1 x Bluetooth Remote Control
- 1 x Carrying Bag

PACKAGE CONTENTS

1 x RGB18 II Ring Light

1 x Light Stand	1 x Bluetooth Remote Control	1 x Carrying Bag
1 x Flexible Tube Arm	1 x Ball Head · 1 x Phone Clamp	1 x Power Adapter · 1 x Power Cord

Figure 2.1: All components included in the NEEWER RGB18 II Ring Light package.

3. SETUP INSTRUCTIONS

3.1 Assembling the Light Stand

1. Unfold the reverse folding light stand by extending its legs until stable.
2. Adjust the height of the stand by loosening the locking knobs on each section, extending the pole to the desired height, and then tightening the knobs securely.

Figure 3.1: The collapsible light stand and flexible phone mount components.

3.2 Attaching the Ring Light to the Stand

1. Mount the RGB18 II Ring Light onto the top of the light stand. Ensure it is securely fastened using the provided mounting screw.
2. If using the flexible tube arm, attach it to the stand or ring light as desired for additional positioning flexibility.

3.3 Installing the Phone Holder

1. Attach the ball head to the cold shoe mount on the ring light.
2. Secure the phone clamp onto the ball head.
3. Place your smartphone into the phone clamp. The phone holder supports both vertical and horizontal orientations.

3.4 Power Connection

1. Connect the power adapter to the ring light's power input port.
2. Plug the power cord into the power adapter and then into a suitable power outlet.

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Video 3.1: Detailed unboxing and setup guide for the NEEWER 18 Inch LED Ring Light. This video demonstrates how to assemble the stand, attach the ring light, and connect power.

4. OPERATING INSTRUCTIONS

4.1 Basic Operation

1. Turn on the ring light using the power switch located on the control panel.
2. Adjust the brightness using the dedicated dimming knob (0-100%).

Figure 4.1: The NEEWER RGB18 II provides soft light with excellent color rendering (CRI 97+, TLCI 98).

4.2 Light Mode Selection

The ring light features three operational modes:

- **CCT Mode:** Offers bi-color lighting with adjustable color temperature from 2500K to 10000K. Use the dedicated knob to fine-tune the color temperature and the ±50 GM correction for accurate color rendition.
- **HSI Mode:** Provides 360° full RGB colors, allowing for artistic and expressive lighting effects.
- **FX Mode:** Includes 18 special scene effects to add realism and creativity to your video productions.

Figure 4.2: Overview of the multiple light modes available on the RGB18 II, including HSI, CCT, and GM color correction.

Figure 4.3: Visual representation of the 18 FX scene effects, such as Music Sync, Paparazzi, and Lightning.

4.3 Smart Wireless App Control

Download the official NEEWER app to your smartphone (Android/iOS) for convenient wireless control. The app allows you to:

- Select groups (1-8/ALL) and scenes.
- Adjust brightness, color temperature, hue, and saturation.
- Save your favorite presets for future use.
- Access additional features and firmware updates.

Figure 4.4: The NEEWER App provides comprehensive wireless control over the ring light's settings.

4.4 Bluetooth Shutter Remote

Use the included Bluetooth shutter remote to take photos and videos with a single click, providing hands-free operation for selfies and video recording.

PROFESSIONAL ACCESSORIES

Collapsible Reversible Light Stand

Height Range:
27" / 69cm - 61.4" / 156cm

Folded Size:
19.6" / 50cm

Leg Diameter:
0.7" / 19mm

All Metal Design

Four Adjustable Sections

Reverse Fold

1/4" Screw

Cold Shoe Design

Ball Head / Phone Holder
Compatible

Flexible Phone Mount

Opening Range:
2.36" / 6cm - 3.34" / 8.5cm

360° rotation to easily switch between horizontal and vertical shooting

Flexible Tube Arm

Height:
10" / 25cm

Figure 4.5: The Bluetooth remote control allows for convenient remote photo and video capture.

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, disassemble the ring light and store it in the provided carrying bag to protect it from dust and damage. Ensure all components are dry before storage.
- **Cable Care:** Avoid bending or twisting the power cord excessively. Always unplug the power cord by gripping the plug, not the cable.

6. TROUBLESHOOTING

- **Light Not Turning On:** Ensure the power cord and adapter are securely connected to the ring light and a working power outlet. Check if the power switch on the control panel is in the 'On' position.
- **App Connectivity Issues:** Make sure Bluetooth is enabled on your smartphone and the ring light. Restart both the app and the ring light, then attempt to reconnect.
- **Unstable Stand:** Ensure the light stand legs are fully extended and the locking knobs are tightened. Avoid placing the stand on uneven surfaces.

- **Inconsistent Brightness/Color:** Check the control panel settings and the NEEWER app for any unintended adjustments. Reset the light to factory settings if necessary (refer to app instructions).

7. SPECIFICATIONS

Feature	Specification
Number of LEDs	576 pcs
Maximum Power	42W
Maximum Illumination	3800Lux / 0.5m
Color Temperature Range	2500K-10000K
Brightness Range	0-100%
Color Rendering Index	CRI97+ / TLCI98
Control Method	Lamp body / Mobile APP
Connectivity Technology	Bluetooth
Power Supply	DC 15V / 4A
Input Voltage	AC 110-240V / 50 / 60Hz
Lamp Body Weight	1.3kg
Handbag Weight	900g
Light Stand Height Range	69-155cm
Light Stand Folded Size	50cm
Light Stand Material	Aluminum Alloy
Phone Mount Stretch Width	6-8.5cm
Phone Mount Total Length	11.5cm
Phone Mount Weight	55g

SPECIFICATIONS
RGB18 II

14" / 36cm
18" / 48cm

Number of LEDs:	576Pcs	Control Method:	Lamp body / Mobile APP
Maximum Power:	42W	Bluetooth Controller:	√
Maximum Illumination:	3800Lux / 0.5m	Power Supply:	DC 15V / 4A
Color Temperature Range:	2500K-10000K	Input Voltage:	AC 110-240V 50 / 60Hz
Brightness Range:	0-100%	Lamp Body Weight:	1.3kg
Color Rendering Index:	CRI97+ / TLCI98	Handbag Weight:	900g

Collapsible Reversible
Light Stand

Leg Diameter:	0.7" / 19mm
Height Range:	69-156cm
Reverse Folded Dimensions:	50cm
Weight:	1.195kg
Material:	Aluminum Alloy
Installation Interface:	1/4" Screw

Flexible
Phone Mount

Stretch Width:	6-8.5cm
Total Length:	11.5cm
Weight:	55g
Horizontal Rotation Angle:	360°
Material:	Plastic & Silicone
Interface Type:	1/4" Screw

8. WARRANTY AND SUPPORT

NEEWER products are designed and manufactured to the highest quality standards. This product is covered by a limited warranty against defects in materials and workmanship. For detailed warranty information, please refer to the warranty card included in your package or visit the official NEEWER website.

For technical support, troubleshooting assistance, or any inquiries regarding your NEEWER RGB18 II Ring Light, please contact NEEWER customer service through their official website or the contact information provided in your product documentation.