Rotolight RL-NEO-II

Rotolight NEO 2 On-Camera LED Instruction Manual

Model: RL-NEO-II

1. INTRODUCTION

The Rotolight NEO 2 is a versatile on-camera LED light designed for both photographers and videographers. It offers continuous light and High Speed Sync (HSS) flash capabilities, providing exceptional color accuracy and brightness control. Its compact and durable design makes it suitable for various shooting environments, from studio setups to on-location shoots.

Front view of the Rotolight NEO 2, displaying its digital screen and control buttons.

2. WHAT'S IN THE BOX

Your Rotolight NEO 2 package includes the following items:

- 1 x Rotolight Neo 2 LED Light
- 4 Piece Filter Set (2 x diffusion 216, 250; 1 x 184 Cosmetic Peach Skin Tone diffusion; 1 x 279 Minus Green)
- 1 x Hot Shoe Mount
- 1 x AC/DC Power Adapter and Mains Cable
- 1 x RL48-ABP Rotolight Belt Pouch

3. SETUP

3.1 Powering the Device

The NEO 2 can be powered in two ways:

- **AA Batteries:** Insert 6 AA batteries into the battery compartment on the rear of the unit. Rechargeable AA batteries are recommended for optimal performance and longevity.

- **AC/DC Power Adapter:** Connect the included AC/DC power adapter to the DC input port on the side of the unit and plug it into a wall outlet.

Rear view of the Rotolight NEO 2, illustrating the battery compartment and control interface.

3.2 Mounting the Light

To mount the NEO 2 on your camera:

1. Attach the hot shoe mount to the bottom of the NEO 2.
2. Slide the hot shoe mount into your camera's hot shoe slot.
3. Tighten the locking mechanism on the hot shoe mount to secure the light.

The Rotolight NEO 2 attached to a Fujifilm camera via its hot shoe mount.

The Rotolight NEO 2 attached to a Sony camera, demonstrating its on-camera use.

3.3 Filter Installation

The NEO 2 comes with a 4-piece filter set. These filters can be easily attached to the front of the light to modify diffusion or color temperature. Align the filter with the front of the light and gently press it into place.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Locate the power button on the side of the unit. Press and hold to turn the light on or off. The digital display will illuminate upon power-on.

4.2 Brightness Control

Use the control dials or buttons (refer to the digital display for specific controls) to adjust the brightness output from 1% to 100%. The NEO 2 offers precise dimming capabilities for optimal exposure.

4.3 Color Temperature Adjustment

The NEO 2 features bi-color continuous light. Adjust the color temperature to match ambient light or achieve desired creative effects. Consult the on-screen menu for specific Kelvin temperature adjustments.

4.4 Flash Mode (High Speed Sync)

The NEO 2 supports High Speed Sync (HSS) flash. To use this feature, you will typically need an external radio transmitter (e.g., Skyport Wireless System) compatible with your camera. This allows the NEO 2 to act as an off-camera flash, synchronizing with your camera's shutter at high speeds.

4.5 Special Effects (CineSFX)

The NEO 2 includes a suite of cinematic lighting effects (CineSFX). Access these effects through the menu system. Available effects may include strobe, fire, TV, lightning, and more, adding dynamic elements to your video productions.

Your browser does not support the video tag.

Official product video demonstrating the Rotolight NEO 2 LED On-Camera Video Light in various outdoor photography scenarios, highlighting its portability and ease of setup for professional results.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Rotolight NEO 2, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the light. For the LED panel, use a microfiber cloth to gently wipe away dust or smudges. Avoid abrasive cleaners or solvents.
- **Battery Care:** If using AA batteries, remove them when the light is not in use for extended periods to prevent leakage. If using rechargeable batteries, ensure they are charged according to their manufacturer's instructions.
- **Storage:** Store the NEO 2 in its included belt pouch or a protective case in a cool, dry place away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

If you encounter issues with your Rotolight NEO 2, refer to the following common troubleshooting steps:

- **Light Not Turning On:** Check that batteries are correctly inserted and charged, or that the AC/DC power adapter is securely connected and receiving power.
- **Flash Sync Issues:** Ensure your external radio transmitter is correctly paired with the NEO 2 and compatible with your camera. Verify camera flash settings.
- **Insufficient Brightness:** Confirm the brightness setting is at the desired level. If using batteries, ensure they are fully charged. In bright outdoor conditions, the light may serve as a fill light rather than a primary light source.
- **Inconsistent Performance:** Ensure the firmware is up to date (check Rotolight's official website for updates).

7. SPECIFICATIONS

Feature	Specification
Product Dimensions	4.29 x 8.46 x 10.94 inches
Item Weight	1.65 pounds (354g)
Item Model Number	RL-NEO-II
Brand	Rotolight
Connectivity Technology	Skyport Wireless System
Hardware Interface	Lightning
Power Consumption	12W (Max)
Color Accuracy (CRI/TLCI)	CRI 96, TLCI 91

8. WARRANTY AND SUPPORT

For detailed warranty information, product registration, and technical support, please refer to the official Rotolight website or the documentation included with your product. You can also visit the Rotolight Store on Amazon for additional resources and contact information.