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> Digital Nc Portable RGB Video Light (Model 128224-458191) User Manual

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Comprehensive instructions for setup, operation, and maintenance.

1. INTRODUCTION

Thank you for choosing the Digital Nc Portable RGB Video Light. This manual provides detailed instructions for the safe and efficient use of your new device. Please read this manual thoroughly before operation and retain it for future reference.

This compact and versatile video light features 70 LEDs, offering both white and colored ambient lighting options with adjustable color temperature and full RGB control. Its portable design and long-lasting rechargeable battery make it suitable for various photography and videography applications.

2. SAFETY INFORMATION

- Do not disassemble or modify the device. Unauthorized modifications may cause damage or injury.
- Keep the device away from water and other liquids. Do not operate with wet hands.
- Avoid direct eye exposure to the light source, especially at high brightness settings.
- Do not expose the device to extreme temperatures or direct sunlight for extended periods.
- Use only the provided or a certified USB Type-C cable for charging.
- Keep out of reach of children.

3. PACKAGE CONTENTS

Please check the package contents upon opening to ensure all items are present:

- Digital Nc Portable RGB Video Light
- USB Type-C Charging Cable
- User Manual

4. PRODUCT OVERVIEW

Familiarize yourself with the components and controls of your Portable RGB Video Light.



Figure 4.1: Front and rear view of the video light with key components labeled. This includes the light panel, USB Type-C charging port, charge light indicator, adjustment/selection buttons, RGB switch, On/Off button, standard cold shoe, and 1/4" screw mount.

1. **Light Panel:** Main LED array for illumination.
2. **USB Type-C Charging Port:** For recharging the internal battery.
3. **Charge Light Indicator:** Displays charging status.
4. **Adjustment/Selection Buttons:** Used to navigate menus and adjust settings (brightness, color temperature, RGB values).
5. **RGB Switch (M button):** Toggles between white light mode and RGB color mode.
6. **On/Off Button:** Powers the device on or off.
7. **Standard Cold Shoe:** For mounting the light onto cameras or other accessories.
8. **1/4" Screw Mount:** For mounting onto tripods or light stands.
9. **Cold Shoe Fastening Wheel:** Secures the light to a cold shoe mount.

5. SETUP

5.1 Initial Charging

Before first use, fully charge the video light. Connect the supplied USB Type-C cable to the charging port on the device

COLOR OPTIONS

23 LED COLOR CHOICES



The image displays 23 individual LED light modules, each a small square with a grid of tiny LEDs. They are arranged in four rows: the first three rows have six lights each, and the fourth row has five lights. Each light is illuminated with a different color, creating a vibrant display of options. The colors include various shades of red, orange, yellow, green, blue, purple, pink, and white. The lights are set against a dark background, and each light casts a soft, circular glow on the surface below it.

5.2 Mounting the Light

- **Cold Shoe Mount:** Slide the standard cold shoe base of the light into the cold shoe receiver on your camera or accessory. Tighten the cold shoe fastening wheel to secure it.
- **1/4" Screw Mount:** Attach the light to any tripod, light stand, or accessory with a 1/4" screw thread using the integrated 1/4" screw mount at the bottom.



Figure 5.2: The portable RGB video light securely mounted on a DSLR camera via its cold shoe mount, demonstrating a typical setup for photography or videography.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

Press and hold the **On/Off button** (power symbol) for approximately 2 seconds to turn the light on or off.

6.2 Adjusting Brightness

Once powered on, use the **Adjustment/Selection buttons** (◀ and ▶) to increase or decrease the brightness level. The current brightness level will be displayed on the screen (if applicable, based on image PT06, it has a simple indicator, not a screen).

6.3 White Light Mode (Color Temperature Adjustment)

In white light mode, you can adjust the color temperature. Press the **RGB Switch (M button)** to cycle through modes until you are in the white light mode. Use the **Adjustment/Selection buttons** to set the desired color temperature between 3000K (warm white) and 7000K (cool white).



Figure 6.1: The video light projecting a blue hue, illustrating its adjustable color temperature range from 3000K to 7000K.

6.4 RGB Color Mode

To access RGB color mode, press the **RGB Switch (M button)** until the RGB indicator is active. In this mode, you can select from a full spectrum of colors. Use the **Adjustment/Selection buttons** to cycle through the available 23 LED color choices or adjust specific RGB values (if supported by the interface, the image suggests preset colors).



Figure 6.2: A visual representation of the 23 distinct LED color options that can be selected on the portable RGB video light.

COLOR TEMPERATURE RANGE

ADJUST WITH EASE 3000-7000K



Figure 6.3: The RGB multi-color light in operation, showcasing its ability to produce various vibrant colors for video, phone, and camera applications.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the surface of the light. Do not use abrasive cleaners or solvents.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Recharge the battery at least once every three months if not used regularly.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	Battery is depleted.	Charge the device using the USB Type-C cable.
Light flickers or is dim.	Low battery or incorrect brightness setting.	Recharge the battery. Adjust brightness using the selection buttons.
Cannot change color mode.	Incorrect button press or temporary software glitch.	Ensure you are pressing the 'M' (RGB Switch) button. Try turning the device off and on again.
Device not charging.	Faulty cable, power source, or charging port.	Try a different USB Type-C cable or power adapter. Ensure the cable is securely connected.

9. SPECIFICATIONS

Feature	Detail
Model Number	128224-458191
LED Count	70 LEDs
Color Temperature Range	3000K - 7000K
RGB Color Options	Full RGB range, 23 preset choices
Battery Type	Built-in 2000mAh Lithium-ion
Battery Life	Up to 10 hours (at lowest brightness)
Charging Port	USB Type-C
Mounting Options	Standard Cold Shoe, 1/4" Screw Mount
Product Dimensions	2.5 x 1.18 x 3.14 inches (6.35 x 3 x 7.98 cm)
Item Weight	3.5 ounces (99.2 grams)
Manufacturer	Digital Nc

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided at the time of purchase or contact Digital Nc customer service through their official website or the retailer where the product was purchased. Please have your model number (128224-458191) and purchase date ready when contacting support.

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