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› NanGuang RGB LED Light Stick User Manual

Nanguang RGB88

NanGuang RGB LED Light Stick User Manual

Model: RGB88

1. INTRODUCTION AND OVERVIEW

Thank you for choosing the NanGuang RGB LED Light Stick. This versatile lighting tool is designed for professional photography and filmmaking, offering full spectrum colour changing capabilities, adjustable daylight to tungsten colour temperatures (5600K-3200K), and precise brightness control. Its high CRI of 95 ensures accurate colour rendition for your creative projects.

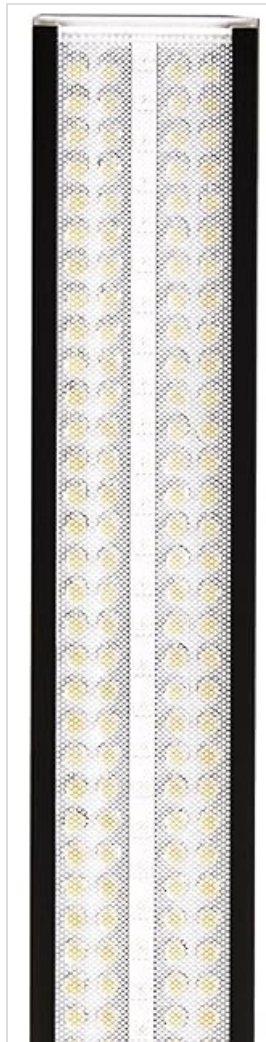




Figure 1: Front view of the NanGuang RGB LED Light Stick, showcasing its illuminated LED panel.

2. SAFETY INFORMATION

Please read all safety instructions carefully before using the NanGuang RGB LED Light Stick to prevent damage to the product or injury to yourself.

- Do not expose the light stick to water or high humidity. The product is not water resistant.
- Avoid direct eye exposure to the light source, as it can cause discomfort or damage.
- Do not disassemble or modify the product. Repairs should only be performed by authorized personnel.
- Keep the light stick away from flammable materials.
- Use only the specified power adapter (DC 7.2-15V) to power the device.
- Ensure proper ventilation during operation to prevent overheating.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- NanGuang RGB LED Light Stick (Model: RGB88)
- Carry Case
- Strap
- Power Adapter (if included with your specific kit)
- User Manual (this document)

4. PRODUCT FEATURES

The NanGuang RGB LED Light Stick offers a range of advanced features for professional lighting:

- **Full Spectrum RGB Control:** Access a wide array of colours for creative lighting effects.
- **Bi-Colour Temperature:** Seamlessly switch between 5600K (Daylight) and 3200K (Tungsten) for versatile lighting scenarios.
- **High Colour Rendering Index (CRI 95):** Ensures accurate and vibrant colour reproduction.
- **Adjustable Brightness:** Precise control over light intensity.
- **Compact and Portable Design:** Easy to transport with the included carry case and strap.

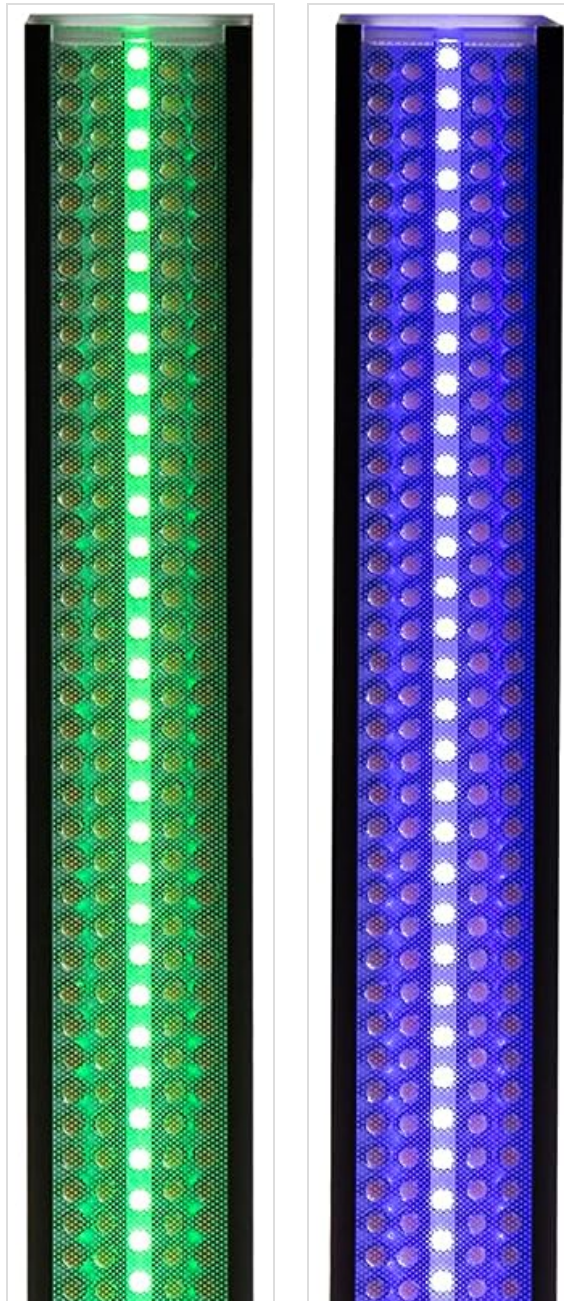




Figure 2: The light stick demonstrating its green and blue RGB colour capabilities.

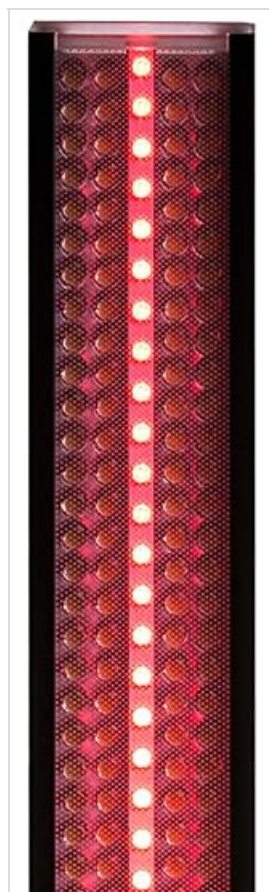




Figure 3: The light stick demonstrating its red RGB colour capability.

5. SETUP

Follow these steps to set up your NanGuang RGB LED Light Stick:

1. **Unpack:** Carefully remove the light stick and all accessories from the carry case.
2. **Power Connection:** Locate the DC input port (DC 7.2-15V) on the handle of the light stick. Connect the provided power adapter to this port and then plug the adapter into a suitable power outlet.
3. **Mounting (Optional):** The light stick features a standard mounting point at the base of the handle. You can attach it to a light stand, tripod, or other compatible mounting accessories for stable positioning.







Figure 4: Rear view of the light stick, highlighting the control panel and DC power input.

6. OPERATING INSTRUCTIONS

Familiarize yourself with the control panel for optimal use of your light stick.





Figure 5: Detailed view of the control panel, showing buttons and dials.

6.1 Power On/Off

- Press the **M** button (Mode/Power) to turn the light stick on or off.

6.2 Mode Selection

The light stick typically operates in different modes, indicated by the digital display:

- **CCT Mode (Colour Temperature):** Use the **5600K / 3200K** button to toggle between Daylight (5600K) and Tungsten (3200K) colour temperatures. The display will show the current temperature.
- **RGB Mode:** Press the **RGB** button to enter RGB colour mode. Use the colour wheel dial to select your desired hue.
- **Flash Mode:** Press the **FLASH** button to activate special effects or flash modes.

6.3 Brightness Adjustment

- Rotate the large dial (often labelled with a light bulb icon) to increase or decrease the brightness intensity. The display may show a percentage or numerical value for brightness.

6.4 Other Controls

- **TEST Button:** May be used for testing battery level or specific functions. Refer to the on-screen display for indicators.
- **ADDR Button:** Likely for addressing multiple units in a wireless control setup. Consult advanced user guides or manufacturer website for details on multi-unit control.

7. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your light stick.

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the light stick. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the device. Do not use harsh chemicals or abrasive cleaners.

- **Storage:** When not in use, store the light stick in its carry case in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care (if applicable):** If using external batteries (not specified as included, but common for such devices), follow the battery manufacturer's guidelines for charging and storage.

8. TROUBLESHOOTING

If you encounter issues with your NanGuang RGB LED Light Stick, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power, loose connection, faulty power adapter.	Ensure power adapter is securely connected and plugged into a working outlet. Test the outlet with another device.
Light flickers or is unstable.	Low power, faulty connection, environmental interference.	Check power connections. Ensure stable power supply. Move away from strong electromagnetic fields.
Cannot change colour or brightness.	Incorrect mode, control panel issue.	Ensure you are in the correct operating mode (CCT or RGB). Try turning the unit off and on again.
Display is not working.	Power issue, internal fault.	Check power supply. If the light functions but the display does not, contact customer support.

If the problem persists after trying these solutions, please contact NanGuang customer support.

9. SPECIFICATIONS

Feature	Detail
Model Number	RGB88
Brand	Nanguang
Colour Temperature	5600K (Daylight) - 3200K (Tungsten)
Colour Rendering Index (CRI)	95
Input Voltage	DC 7.2-15V
Item Weight	1.93 Pounds (approx. 0.875 kg)
Product Dimensions (L x W x H)	6.7 x 3.6 x 59.2 centimetres
Water Resistance Level	Not Water Resistant
Connectivity Technology	Wi-Fi (as per specifications, likely for app control)
Hardware Interface	Lightning (as per specifications, likely for charging/data, though unusual for this product type)

10. WARRANTY INFORMATION

NanGuang products are typically covered by a limited warranty. Please refer to the warranty card included with your product or visit the official NanGuang website for detailed warranty terms and conditions specific to your region and purchase date. Keep your proof of purchase for warranty claims.

11. CUSTOMER SUPPORT

For technical assistance, troubleshooting beyond this manual, or inquiries regarding parts and service, please contact NanGuang customer support. Contact information can usually be found on the manufacturer's official website or on the product packaging.

Note: Product specifications and features are subject to change without prior notice.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question