NBBUFF NBNeon001-2

NBBUFF 32.8FT LED Neon Rope Lights User Manual

Model: NBNeon001-2

1. Introduction

Thank you for choosing the NBBUFF 32.8FT LED Neon Rope Lights. This product is designed to provide vibrant, customizable lighting for both indoor and outdoor environments. It features RGB color options, music synchronization, and convenient control via a remote or a dedicated mobile application. Please read this manual thoroughly before installation and use to ensure proper operation and safety.



Image 1.1: Overview of the NBBUFF 32.8FT LED Neon Rope Lights and included accessories.

2. Safety Instructions

- Ensure the power adapter is disconnected before installation or maintenance.
- Use only the provided power adapter. Using an incompatible adapter may damage the product or pose a safety risk.
- Do not cut the LED rope light unless specifically instructed for customization, as this may damage the product and void the warranty.
- Avoid bending the rope light sharply or twisting it excessively to prevent internal damage.
- Keep the controller and power adapter away from water, although the rope light itself is waterproof (IP65 rated).
- Do not cover the power adapter or controller during operation to ensure proper ventilation.
- This product is designed for low voltage operation and can be touched directly without causing injury.

3. What's Included

Verify that all components are present in the package:

- Neon LED Strip Lights (32.8 ft) x 1
- Controller x 1
- Remote Control x 1
- Power Adapter x 1
- Retaining Buckles x 20
- Instruction Manual x 1

4. Setup and Installation

Follow these steps for proper installation:

1. **Prepare the Surface:** Clean the desired installation surface with a dry cloth to ensure it is free of dust and debris. A clean surface helps the retaining clips adhere better.



Image 4.1: Cleaning the installation surface.

2. **Plan the Layout:** Design the shape or path for your neon rope light. Mark the positions where the retaining buckles will be placed to secure the light strip.



Image 4.2: Planning the light strip layout and clip positions.

3. **Secure the Rope Light:** Use the provided retaining buckles and screws to firmly attach the neon rope light along your planned path. Ensure the buckles are evenly spaced to provide stable support.



Image 4.3: Retaining buckles and screws for secure installation.

4. **Connect to Power:** Connect the neon rope light to the controller, and then connect the controller to the power adapter. Finally, plug the power adapter into a suitable electrical outlet.



Image 4.4: Connecting the light strip to the power source.

5. Operating Instructions

5.1. Remote Control Operation

The included 44-key remote control allows for easy adjustment of light settings.

- **Power On/Off:** Press the power button to turn the lights on or off.
- **Color Selection:** Choose from a variety of preset colors.
- **Brightness Adjustment:** Adjust brightness to 25%, 50%, 75%, or 100%.
- **Mode Selection:** Cycle through various dynamic lighting modes.
- **Music Mode:** Activate music synchronization (refer to section 5.3).



Image 5.1: The 44-key remote control.

5.2. App Control (MOHUAN LED App)

For advanced features and customization, download the "MOHUAN LED" app from your smartphone's app store.

1. **Download & Install:** Search for "MOHUAN LED" in the App Store (iOS) or Google Play Store (Android) and install the app.
2. **Bluetooth Connection:** Ensure your phone's Bluetooth is enabled. The app should automatically detect the light strip.
3. **App Features:**
    - **Color Wheel:** Select from 16 million colors.
    - **Brightness:** Adjust brightness from 1% to 100%.
    - **Dynamic Modes:** Access 21 music modes and various scene modes.
    - **MIC Mode:** Lights react to sound picked up by your phone's microphone.
    - **Timer Function:** Schedule lights to turn on/off at specific times.



Image 5.2: MOHUAN LED App interface for controlling the lights.

5.3. Music Sync Feature

The music sync feature allows the lights to change color and speed in response to ambient sounds or music.

- **Via Remote:** Press the "Music" button on the remote control to activate.
- **Via App:** Select "Music Sync" or "MIC Mode" within the MOHUAN LED app. In MIC mode, the lights will react to sounds detected by your phone's microphone.

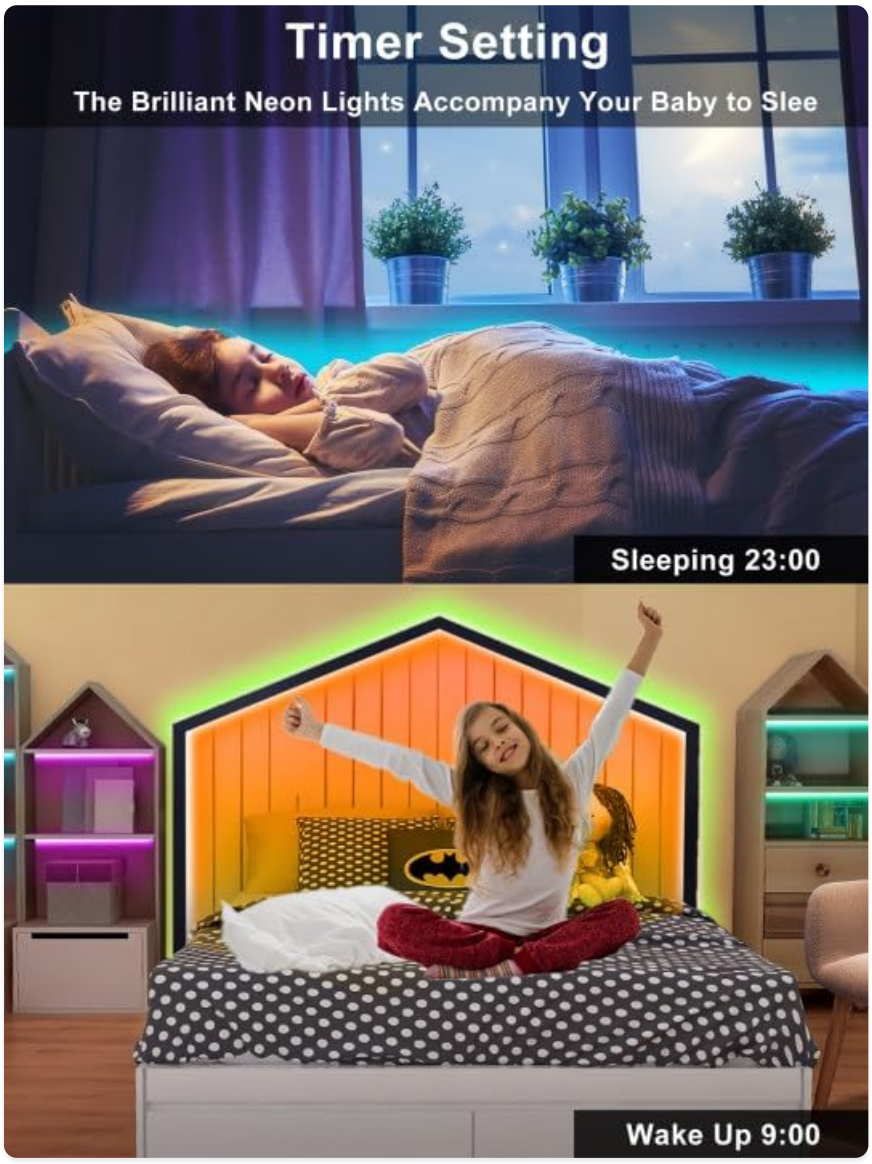


Image 5.3: LED lights reacting to music in a room setting.

5.4. Timer Function

Set schedules for the lights to turn on or off automatically using the app.

- Open the MOHUAN LED app and navigate to the "Timer" section.
- Set desired on/off times. For example, schedule lights to turn off at bedtime and turn on in the morning.



Image 5.4: Example of timer function for sleep and wake-up.

6. Maintenance

- **Cleaning:** Gently wipe the neon rope light with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the power is disconnected before cleaning.
- **Storage:** If storing the lights for an extended period, coil them loosely and store in a cool, dry place away from direct sunlight.
- **Inspection:** Periodically check the rope light, controller, and power adapter for any signs of damage. If damage is found, discontinue use and contact customer support.

7. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Lights do not turn on.	◦ Power adapter not plugged in. ◦ Controller not connected properly. ◦ Remote control battery is dead.	◦ Ensure power adapter is securely plugged into an outlet and the controller. ◦ Check all connections between the light strip, controller, and power adapter. ◦ Replace the remote control battery.
Remote control not working.	◦ Battery is dead or incorrectly inserted. ◦ Obstruction between remote and controller.	◦ Replace battery and ensure correct polarity. ◦ Ensure clear line of sight to the controller.
App cannot connect to lights.	◦ Bluetooth is off on the phone. ◦ Lights are out of range. ◦ App requires restart.	◦ Enable Bluetooth on your smartphone. ◦ Move closer to the light strip. ◦ Close and reopen the MOHUAN LED app.
Lights are dim or inconsistent.	◦ Brightness setting is low. ◦ Power supply issue.	◦ Increase brightness via remote or app. ◦ Ensure power adapter is functioning correctly.

8. Specifications

Feature	Detail
Model Number	NBNeon001-2
Length	32.8 Feet (10 meters)
Light Color	RGB (16 million colors via app)
Light Source Type	LED (720 LEDs)
Voltage	24 Volts
Power Source	AC (Corded)
Control Methods	App Control (MOHUAN LED), Remote Control
Special Features	Color Changing, Dimmable, Music Sync, Timer, Automatic On-Off
Indoor/Outdoor Usage	Indoor, Outdoor
Water Resistance Level	IP65 Waterproof
Material	Copper, Plastic
Item Weight	3.01 pounds

9. Warranty Information

NBBUFF products are manufactured under strict quality control. For specific warranty details, please refer

to the warranty card included in your product packaging or contact NBBUFF customer support directly. The warranty typically covers manufacturing defects under normal use conditions.

10. Customer Support

If you encounter any problems or have questions regarding your NBBUFF LED Neon Rope Lights, please contact our technical support team. We are committed to providing assistance and ensuring your satisfaction.

Contact Information: Please refer to the contact details provided on the product packaging or the official NBBUFF website.

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