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› [KNONEW BG-CL3M3-306L01 UL Plug and Remote Control Instruction Manual](#)

## KNONEW BG-CL3M3-306L01

# KNONEW BG-CL3M3-306L01 UL Plug and Remote Control Instruction Manual

For Christmas String Lights (500LEDs/1000LEDs)

### 1. INTRODUCTION

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Thank you for purchasing the KNONEW BG-CL3M3-306L01 UL Plug and Remote Control. This product is designed to provide convenient power and control for your Christmas string lights, offering multiple lighting modes, timer functions, and dimming capabilities. Please read this manual thoroughly before installation and use to ensure safe and optimal operation.

### 2. SAFETY INSTRUCTIONS

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- Always ensure the power adapter is disconnected from the main power supply before installation, maintenance, or troubleshooting.
- This product is rated IP44 waterproof, suitable for both outdoor and indoor use. However, avoid submerging the plug or remote control in water.
- Do not exceed the maximum wattage or current rating of the adapter (Output: 29V, 209mA, 6W). Ensure your string lights are compatible.
- This device conforms to UL Standard 1310 and is certified to CSA Standard C22.2 No. 223, ensuring safety and quality.
- Keep the remote control away from extreme temperatures and moisture.
- Do not attempt to open or modify the power adapter or remote control. Refer all servicing to qualified personnel.

### 3. PACKAGE CONTENTS

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Verify that all items are present in your package:

- 1 x KNONEW BG-CL3M3-306L01 UL Plug Power Adapter
- 1 x Remote Control

### 4. PRODUCT OVERVIEW

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Image: The KNONEW UL Plug Power Adapter (right) and its accompanying Remote Control (left). The plug features a robust, translucent casing with visible internal circuitry and regulatory markings. The remote control is white with green 'ON', red 'OFF', and 'TIMER OFF' buttons, numbered mode buttons (1-8), timer buttons (6H, 8H), and dimming controls (DIM -, DIM +).

#### 4.1. UL Plug Power Adapter

The KNONEW UL Plug Power Adapter (Model: GP-SW2900DC0209-IP44(US)-1CT) is a Class 2 power unit designed to safely power your string lights. It features an input of 120V~, 50/60Hz, 0.22A and provides an output of 29V, 209mA, 6W. It is ETL US Intertek certified (5015236) and rated IP44 for outdoor use, ensuring durability and safety in various environments.

#### 4.2. Remote Control

The included remote control allows for convenient operation of your string lights. It features buttons for power ON/OFF, selecting 8 different lighting modes, activating 6-hour or 8-hour timers, and adjusting brightness levels (dimming).

## 5. SETUP

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- 1. Connect String Lights:** Ensure your Christmas string lights are compatible with the adapter's output specifications (29V, 6W max). Connect the string light's input connector securely to the output connector of the KNONEW UL Plug Power Adapter.
- 2. Plug into Power Outlet:** Insert the KNONEW UL Plug Power Adapter into a standard 120V AC power outlet. For outdoor use, ensure the outlet is a GFCI (Ground Fault Circuit Interrupter) protected outlet and that all connections are watertight.
- 3. Initial Power On:** The lights should illuminate in their default mode. You can then use the remote control to adjust settings.

## 6. OPERATING INSTRUCTIONS

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### 6.1. Remote Control Functions

- **ON Button (Green):** Turns the lights on.
- **OFF Button (Red):** Turns the lights off.
- **TIMER OFF Button:** Deactivates any active timer function.
- **Mode Buttons (1-8):** Press these numbered buttons to cycle through the 8 different lighting modes (e.g., steady on, waves, sequential, slow glow, chasing/flash, slow fade, twinkle/flash, combination).
- **Timer Buttons (6H, 8H):**
  - Press **6H** to activate a 6-hour timer. The lights will stay on for 6 hours and then turn off automatically for 18 hours, repeating the cycle daily.
  - Press **8H** to activate an 8-hour timer. The lights will stay on for 8 hours and then turn off automatically for 16 hours, repeating the cycle daily.
- **Dimming Buttons (DIM -, DIM +):**
  - Press **DIM -** to decrease the brightness of the lights.
  - Press **DIM +** to increase the brightness of the lights.

### 6.2. Memory Function

The power adapter features a memory function that retains the last selected lighting mode and brightness setting when the power is turned off and on again, or when the timer cycle restarts.

## 7. MAINTENANCE

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- **Cleaning:** Disconnect from power before cleaning. Wipe the adapter and remote control with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** When not in use, store the adapter and remote in a cool, dry place, away from direct sunlight and moisture.
- **Inspection:** Periodically inspect the power cord and connections for any signs of damage. If damage is found, discontinue use and replace the unit.

## 8. TROUBLESHOOTING

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Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Lights do not turn on.	No power to the adapter. Loose connection. Remote control battery depleted.	Check if the power outlet is functional. Ensure the adapter is securely plugged in and string lights are connected. Replace the remote control battery.
Remote control not responding.	Remote control battery depleted. Obstruction between remote and adapter. Remote out of range.	Replace the remote control battery. Ensure a clear line of sight to the adapter. Move closer to the adapter.
Lights flickering or inconsistent.	Loose connection. Incompatible string lights. Damaged adapter.	Check all connections for tightness. Verify string light voltage and wattage compatibility. Discontinue use and replace the adapter if damaged.

## 9. SPECIFICATIONS

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- **Model:** BG-CL3M3-306L01 (Adapter: GP-SW2900DC0209-IP44(US)-1CT)
- **Input:** 120V~, 50/60Hz, 0.22A
- **Output:** 29V, 209mA, 6W
- **Power Unit Class:** Class 2
- **Waterproof Rating:** IP44
- **Certifications:** ETL US, Intertek 5015236, Conforms to STD UL 1310, Certified to CSA STD C22.2 No. 223
- **Manufacturer:** Linhai Baoguang Lighting Co., Ltd.

## 10. WARRANTY AND SUPPORT

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KNONEW products are manufactured to high-quality standards. For warranty information or technical support, please refer to the documentation provided with your purchase or contact KNONEW customer service through their official channels. Please have your model number (BG-CL3M3-306L01) and purchase details ready when contacting support.

