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> Joomer 100FT 300LED RGB String Lights Instruction Manual

Joomer GP-SW290DC0310-IP44(US) B

Joomer 100FT 300LED RGB String Lights Instruction Manual

Model: GP-SW290DC0310-IP44(US) B

Brand: Joomer

1. SAFETY INSTRUCTIONS

Please read and understand all safety instructions before using the Joomer RGB String Lights. Retain this manual for future reference.

- These RGB string lights are **not connectable** end-to-end. Do not attempt to link multiple sets together.
- Ensure the power adapter is kept dry and protected from water, especially during outdoor use.
- The product features a low voltage plug for safety.
- The lights are rated IP44 waterproof, suitable for both indoor and outdoor environments. However, the adapter requires protection.
- When using the built-in timer function, do not use external timed power outlets to avoid conflicts.
- Remove the insulation sheet from the remote control battery compartment before first use.
- Point the remote control directly at the green controller box for proper functionality.



Image 1.1: Joomer RGB String Lights used for outdoor decoration on a house in snowy conditions. The image highlights the importance of keeping the adapter dry.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x 300 LED RGB String Lights (98 ft length)
- 1 x User Manual
- 1 x Remote Controller

3. PRODUCT FEATURES

The Joomer RGB String Lights offer a variety of features for versatile lighting:

- **Versatile Colors and Dynamic Modes:** Features 16 color options, including 9 single colors and 7 dual colors. Each color option includes 12 dynamic modes plus 4 preset scenes.
- **42-Key Remote Control:** Allows selection of colors, 8 modes per color, adjustment of speed and brightness, and setting of a timer (4/6/8 hours).
- **Adjustable Speed and Memory Function:** Customize dynamic modes with 4 speed settings. The memory function retains your last settings after power off.

- **Waterproof Design:** Made with green wire and rated IP44 waterproof, suitable for both indoor and outdoor use.
- **Timer Function:** Offers 4-hour, 6-hour, and 8-hour timer options (e.g., "4H" means 4 hours ON, 20 hours OFF, repeating daily). A "TIMER OFF" button cancels the timer.
- **Extended Length:** 98 feet of LED lights with an additional 9.8 feet extension cord.
- **Night Light Function:** A dedicated mode that emits a warm, soft glow, gentle enough for subtle illumination without disrupting sleep.



Image 3.1: Overview of the Joomer RGB String Lights and its accompanying 42-key remote control, illustrating the range of colors and functions.

4. SETUP

1. **Unpack:** Carefully remove the string lights, remote control, and user manual from the packaging.
2. **Prepare Remote:** Locate the remote control and remove the clear insulation sheet from the battery compartment to activate it.
3. **Placement:** Determine the desired location for your lights. The 98 ft length with a 9.8 ft extension cord provides flexibility for various indoor or outdoor setups.
4. **Secure Adapter:** If installing outdoors, ensure the power adapter is placed in a dry, protected area, away from direct exposure to rain or snow.

5. **Connect Power:** Plug the string lights into a standard electrical outlet.



Image 4.1: Illustrates the remote control's line-of-sight requirement to the adapter for effective operation.

5. OPERATING INSTRUCTIONS

The Joomer RGB String Lights are controlled using the included 42-key remote. Ensure the remote is pointed directly at the green controller box for optimal response.

5.1 Remote Control Functions

42-Key Remote control Instructions

The remote control is divided into several functional zones:

- Switch Control Zone:** Includes ON and OFF buttons.
- Color Zone:** Includes buttons for Red (R), Green (G), Blue (B), and Mix White, along with various color wheel options.
- Functions / Modes Selection Area:** A grid of 16 buttons for different light modes: STEADY ON, LEVEL LIGHT, RANDOM, BLOOM FADE, TWINKLE FLASH, SHINING STAR, WAVES, CHASING, STACKING, FIRE WORN TRINKLE, STAR SHOWER, FLICKERING.
- 4 Preset Functions:** Includes RAINBOW, JUMP, FADE, and COLOR CHANGING.
- Night Light/Auto /Speed:** Includes NIGHT LIGHT, AUTO, SPEED +, and SPEED -.
- 3 Timer Functions and Timer Off:** Includes 4H Timer, 6H Timer, 8H Timer, and TIMER OFF.

S42-04

Please remove the insulation sheet from remote controller before use and point the remote controller directly to the adapter for controlling

Night Light /Auto/Speed:

	Press 1: Light up 50%, Press 2: Light up 100%		4 preset functions loop
	Dynamic Fast		Dynamic Slow

Image 5.1: Detailed layout of the 42-key remote control and its various functions.

- **ON/OFF:** Power button to turn the lights on or off.
- **Color Zone:** Buttons for selecting 9 single colors (Red, Green, Blue, White, etc.) and 7 dual-color combinations.
- **Functions / Modes Selection Area:** Choose from 12 dynamic modes (e.g., STEADY ON, LEVEL LIGHT, RANDOM, BLOOM, FADE, TWINKLE, FLASH, WAVES, CHASING, STACKING, FIREFLY, JUMP, STAR SHOWER, FLICKERING, RAINBOW). Each function includes 16 color options.
- **4 Preset Functions:** Dedicated buttons for quick access to common lighting patterns.
- **Night Light / Auto / Speed:**
 - **Night Light:** Press once for 50% brightness, press again for 100% brightness.
 - **AUTO:** Cycles through 4 preset functions.
 - **SPEED + / SPEED -:** Adjusts the speed of dynamic modes (4 speed settings).
- **Timer Functions:**
 - **4H:** Lights turn ON for 4 hours, then OFF for 20 hours, repeating daily.
 - **6H:** Lights turn ON for 6 hours, then OFF for 18 hours, repeating daily.
 - **8H:** Lights turn ON for 8 hours, then OFF for 16 hours, repeating daily.
 - **TIMER OFF:** Cancels any active timer setting.

5.2 Memory Function

The lights are equipped with a memory function. Your last selected mode and color settings will be retained even after the lights are turned off and on again, eliminating the need for daily resets.

5.3 Night Light Function

Activate the dedicated night light mode via the remote control for a warm, soft glow. This mode provides subtle illumination and maintains low energy consumption, suitable for various indoor and outdoor ambiances.

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Video 5.1: Demonstrates the various color-changing modes and remote control functionality of the Joomer RGB String Lights in a festive indoor setting.

6. MAINTENANCE

- **Cleaning:** Disconnect power before cleaning. Wipe the lights and controller box with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** When not in use, carefully coil the string lights and store them in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically inspect the wire and bulbs for any damage. Do not use if any part is damaged.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	No power, remote battery dead, remote not aimed correctly.	Check power outlet. Ensure remote insulation sheet is removed. Point remote directly at the green controller box. Replace remote battery if necessary.

Problem	Possible Cause	Solution
Remote control is unresponsive.	Insulation sheet still present, remote battery low/dead, obstruction, remote not aimed at controller.	Remove insulation sheet. Replace remote battery. Ensure clear line of sight to the green controller box.
Lights are not changing colors/modes.	Remote issue, incorrect mode selected.	Verify remote functionality (see above). Select desired mode/color using the remote.
White color appears slightly blue.	Characteristic of the LED type.	This is a known characteristic and not a defect.

8. SPECIFICATIONS

Specification	Detail
Brand	Joomer
Model Number	GP-SW290DC0310-IP44(US) B
Light Source Type	LED
Number of Light Sources	300
Light Color	RGB (Red, Green, Blue)
Item Length	98 Feet (plus 9.8 ft extension cord)
Power Source	Corded Electric
Voltage	29 Volts (AC)
Indoor/Outdoor Usage	Outdoor
Special Feature	Not Connectable
Material	Copper
Control Method	Remote Control
Item Weight	1.41 Pounds
Product Dimensions	6.81 x 4.41 x 4.02 inches (packaging)

9. WARRANTY AND SUPPORT

For warranty information or product support, please refer to the documentation included with your purchase or contact Joomer customer service directly. Contact details can typically be found on the product packaging or the official Joomer website.

