addlon solar string lights

addlon 104FT Solar String Lights Instruction Manual

Model: solar string lights | Brand: addlon

1. INTRODUCTION

The addlon 104FT Solar String Lights are designed to provide versatile and energy-efficient outdoor lighting. Featuring both solar and USB charging capabilities, a multi-functional remote control, and an IP65 waterproof rating, these lights are ideal for enhancing the ambiance of porches, gardens, decks, and patios. This manual will guide you through the proper use and care of your new string lights.

Image: The addlon 104FT Solar String Lights, showcasing the string of bulbs, the solar panel with a USB-C port, and the included remote control.

2. Product Features

- **Solar & USB Charging:** Offers two convenient charging methods for continuous operation. Solar charging is environmentally friendly and energy-saving, while USB charging provides a quick power boost, especially useful during prolonged cloudy weather or for immediate use.

Image: Illustration demonstrating both USB charging (4 hours) and solar charging (8 hours) methods for the solar panel.

- **Remote Control Multi-function:** The included remote control provides comprehensive functionality, including 4 dimming levels (Soft, Bright, Super Bright), 2/4/6/8-hour timer settings, and 3 lighting modes (Flashing, Constant, Breathing). It also features an ON/OFF switch with a maximum range of 49 feet.

Image: Close-up view of the string lights demonstrating the three dimming levels: Soft, Bright, and Super Bright, controlled by the remote.

- **True 98FT Long String Lights:** Unlike some products that combine two shorter strings, this model features a single 98FT string, simplifying installation and control with one solar panel and one remote. An additional 6FT of installation wire is provided for flexible placement of the solar panel.

Image: Diagram illustrating the 8-foot installation wire connecting the solar panel to the 104-foot string lights, composed of two 48-foot segments.

- **IP65 Outdoor Graded Waterproof:** Constructed to withstand various outdoor elements, these string lights are IP65-rated, ensuring reliable performance and durability against water, wind, sun, and snow.

Image: The solar panel and string lights partially submerged in water, illustrating their IP65 waterproof design, suitable for outdoor use.

3. PACKAGE CONTENTS

Please verify that all items are included in your package:

- 1 x 104FT Solar String Lights (98FT light string + 6FT lead wire)
- 34 x LED Dimmable Bulbs (2 spare bulbs included)
- 1 x Solar Panel with integrated USB-C port
- 1 x Remote Control

- Mounting accessories (ground stake, screws)

4. SETUP AND INSTALLATION

Follow these steps for optimal setup:

1. **Initial Charge:** Upon first receiving the item, it is recommended to use the USB port for charging to ensure the battery has sufficient power. This initial charge helps in activating the battery and preparing the lights for use.

2. **Solar Panel Placement:** Choose a location for the solar panel that receives direct sunlight for at least 6-8 hours daily. The panel can be installed by ground plugging using the included stake or fixed to a wall/surface with screws. Ensure the panel is positioned parallel to the ground for most effective charging during the day.

Image: Two installation methods for the solar panel: ground plugging into soft earth or fixing to a wall using screws.

3. **String Light Installation:** Carefully uncoil the string lights. Hang them in your desired outdoor area, ensuring the bulbs are securely seated in their sockets. The 6FT lead wire provides flexibility for placing the solar panel away from the main light string.

4. **Connect Solar Panel:** Connect the string lights to the solar panel. Ensure the connection is secure to maintain waterproof integrity.

5. OPERATING INSTRUCTIONS

Your addlon Solar String Lights are designed for ease of use with the included remote control:

- **Automatic Operation:** Once charged and turned on, the lights will automatically light up at night and

turn off during the day to charge.

- **Power ON/OFF:** Use the 'ON' and 'OFF' buttons on the remote control to manually turn the lights on or off.

- **Brightness Adjustment:** Select from 'Soft', 'Bright', or 'Super Bright' settings using the dedicated buttons on the remote to adjust the illumination intensity.

- **Lighting Modes:** Cycle through three distinct lighting modes – 'Breath', 'Flash', and 'Constant' – using the 'MODE' button to suit your ambiance preference.

- **Timer Function:** Set the lights to automatically turn off after 2, 4, 6, or 8 hours using the corresponding timer buttons on the remote. Note that the timer function typically resets daily, requiring re-activation if a specific timed duration is desired each night.

Your browser does not support the video tag.

Video: An official addlon video demonstrating the features of the 104FT Solar String Lights, including charging methods, remote control functions (dimming, modes, timing), and waterproof capabilities.

6. MAINTENANCE

To ensure the longevity and optimal performance of your string lights, consider the following maintenance tips:

- **Clean Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris that may accumulate and hinder charging efficiency.

- **USB Charging in Low Light:** If experiencing continuous cloudy or rainy days, remove the solar panel and charge it separately via the USB port to prevent insufficient power and ensure consistent illumination.

- **Check Connections:** Periodically inspect all connections to ensure they are secure and free from corrosion or damage.

- **Bulb Replacement:** While durable, if a bulb needs replacement, use the provided spare bulbs. The bulbs are designed for easy screw-in replacement.

7. TROUBLESHOOTING

If you encounter issues with your addlon Solar String Lights, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lights do not turn on at night.	Insufficient charge; ON/OFF switch not activated.	Ensure solar panel receives adequate direct sunlight. Perform an initial USB charge. Press the 'ON' or 'MODE' button on the remote to initiate the solar function and leave it on.
Lights are dim or flicker.	Low battery charge; dirty solar panel.	Allow more time for solar charging or use USB charging. Clean the surface of the solar panel.
Remote control not working.	Battery in remote is dead; remote out of range.	Replace the remote control battery. Ensure you are within the 49FT range of the solar panel.

Problem	Possible Cause	Solution
Timer function resets daily.	This is normal operation.	The timer function is designed to be set each night if a specific duration is desired. The lights will still automatically turn on at dusk if not manually turned off.

If problems persist, please contact customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	solar string lights
Length	104FT (98FT light string + 6FT lead wire)
Bulb Quantity	34 (including 2 spares)
Light Source Type	LED
Light Color	Warm White
Power Source	Solar Powered, USB Charging
Water Resistance Level	IP65 Waterproof
Control Method	Remote Control
Dimmable	Yes (4 levels)
Lighting Modes	3 (Breath, Flash, Constant)
Timer Options	2H, 4H, 6H, 8H
Material	Plastic
Item Weight	6.36 pounds

9. WARRANTY AND SUPPORT

addlon is committed to customer satisfaction. Your solar string lights come with the following:

- **1-Year Promise:** We provide a 1-year promise for our solar string lights. This covers replacement for any manufacturing defects.

- **30-Day Free Return & Exchange:** Enjoy peace of mind with a 30-day period for free returns and exchanges from the date of purchase.

- **Customer Support:** If you have any questions, concerns, or require assistance, please do not hesitate to contact us. We aim to respond within 24 hours to provide prompt support.

Image: Summary of after-sales support: 1-year promise, 24-hour response, and 30-day free return/exchange.