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HOFTRONIC 2713959

HOFTRONIC Outdoor Solar String Lights User Manual

Model: 2713959

1. Introduction

Thank you for choosing the HOFTRONIC Outdoor Solar String Lights. This manual provides important information regarding the installation, operation, and maintenance of your new solar string lights. Please read this manual thoroughly before use and retain it for future reference.
These solar-powered string lights are designed to provide warm, ambient lighting for your outdoor spaces, such as gardens, patios, and balconies. Featuring durable, waterproof construction and multiple lighting modes, they offer a convenient and energy-efficient lighting solution.

2. Important Safety Information

- Ensure all components are securely connected before use.
- Do not attempt to modify or disassemble the product. This may void the warranty and pose safety risks.
- Keep the solar panel clean to ensure optimal charging efficiency.
- While the product is IP44 waterproof, avoid submerging the solar panel or bulbs in water.
- Handle glass bulbs with care to prevent breakage.
- Keep out of reach of children and pets.

3. Package Contents

Please check the package to ensure all items are present and undamaged:

- HOFTRONIC Solar String Lights (7 meters with 25 bulbs)
- Separate Solar Panel with ground stake and wall mount bracket
- USB-C Charging Cable (for alternative charging)
- User Manual

4. Setup

4.1 Unpacking

Carefully remove all components from the packaging. Inspect for any signs of damage. If any parts are missing or damaged, please contact customer support.

4.2 Solar Panel Placement

The solar panel is crucial for charging the lights. Choose a location that receives direct sunlight for at least 6-8 hours daily. Avoid shaded areas from trees, buildings, or other obstructions.



Image: The separate solar panel can be mounted on a wall or placed in the ground using the included spike, allowing for optimal sun exposure.

You can use the included ground stake to place the panel in soft ground or the wall mount bracket to attach it to a vertical surface.

4.3 String Light Installation

Unroll the string lights carefully. The lights feature easy-to-clip-on hooks above each bulb, allowing for versatile hanging options. You can hang them along fences, pergolas, eaves, or wrap them around trees.



Image: Each bulb features a convenient clip for easy and secure hanging on various surfaces.

The lights are IP44 waterproof, meaning they are protected against splashing water from any direction. This makes them suitable for outdoor use in various weather conditions.



Image: The lights and solar panel are designed to withstand rain and splashes, ensuring reliable outdoor performance.

4.4 Initial Charging

Before first use, ensure the solar panel is exposed to direct sunlight for at least 8-12 hours to fully charge the internal battery. The lights will automatically turn on at dusk once sufficient charge is accumulated.
For faster or alternative charging, the solar panel unit also features a USB-C charging port. Connect a standard USB-C cable (included) to a 5V USB power adapter (not included) to charge the unit indoors or on cloudy days.



Image: The solar panel includes a USB-C port for convenient charging without relying solely on sunlight.

5. Operating Instructions

5.1 Power On/Off

Locate the ON/OFF button on the back of the solar panel unit. Press this button to turn the lights on or off. When turned on, the lights will automatically activate at dusk and turn off at dawn, thanks to the integrated dusk sensor.

5.2 Lighting Modes

The solar string lights offer 4 distinct lighting modes to suit different occasions. Press the 'MODE' button on the solar panel unit to cycle through the available modes:



Image: The control panel on the solar unit allows selection of four lighting modes: Constant, Flashing, Fast Flashing, and Breathing.

1. **Constant:** Lights remain steadily on.
2. **Flashing:** Lights flash at a regular pace.
3. **Fast Flashing:** Lights flash rapidly.
4. **Breathing:** Lights slowly fade in and out.

6. Maintenance

6.1 Cleaning

Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean solar panel ensures maximum charging efficiency. Clean the bulbs gently if they become dirty.

6.2 Bulb Replacement

The HOFTRONIC string lights feature replaceable E12 fitting LED bulbs. If a bulb becomes damaged or stops

working, it can be easily replaced.



Image: The bulbs are designed with an E12 fitting, allowing for easy replacement by twisting them out.

To replace a bulb:

1. Ensure the lights are turned off.
2. Gently twist the faulty bulb counter-clockwise to remove it from its socket.
3. Insert a new E12 LED bulb into the socket and twist clockwise until secure.

6.3 Storage

If storing the lights for an extended period, ensure the battery is fully charged. Store the lights and solar panel in a cool, dry place away from direct sunlight to preserve battery life.

7. Troubleshooting

If you encounter issues with your HOFTRONIC Solar String Lights, please refer to the table below for common

problems and solutions:

Problem	Possible Cause	Solution
Lights do not turn on at night.	Insufficient solar charge.	Ensure solar panel is in direct sunlight for 6-8 hours. Clean the solar panel. Use USB-C charging if needed.
Lights are dim or only stay on for a short time.	Battery not fully charged or aging battery.	Relocate solar panel to a sunnier spot. Ensure no obstructions. Fully charge via USB-C.
Lights flicker or one bulb is out.	Loose connection or faulty bulb.	Check all bulb connections. Replace any faulty bulbs (E12 fitting).
Lights stay on during the day.	Dusk sensor obstructed or faulty.	Ensure nothing is covering the solar panel/sensor. Move lights away from other light sources (e.g., streetlights).

8. Specifications

Detailed technical specifications for your HOFTRONIC Solar String Lights:

Feature	Specification
Brand	HOFTRONIC
Model Number	2713959
Total Length	7 meters
Number of Bulbs	25
Bulb Spacing	23 cm
Solar Panel Cable Length	1.6 meters
Light Color Temperature	2700K Warm White
Waterproof Rating	IP44
Bulb Type	LED (E12 fitting, replaceable)
Special Features	4 Lighting Modes, Dusk Sensor, USB-C Charging
Material	Plastic, Glass
Product Dimensions (L x W x H)	700 x 23 x 30 cm (approx. for string)
Item Weight	5 Kilograms



Image: Detailed dimensions of the solar panel and bulb spacing along the 7-meter string.

9. Warranty and Support

9.1 Warranty Information

HOFTRONIC products are manufactured to high-quality standards. For specific warranty details regarding your product, please refer to the warranty card included in your original packaging or contact your retailer.

9.2 Customer Support

If you have any questions, require technical assistance, or need to report an issue with your product, please contact the seller or manufacturer directly through the platform where you purchased the item. Please have your model number (2713959) and purchase details ready when contacting support.

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