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> echosari Star String Lights User Manual

## echosari L0070\_d

# echosari Star String Lights User Manual

Model: L0070\_d

## INTRODUCTION

The echosari Star String Lights are battery-operated LED fairy lights designed to add a warm and magical ambiance to various indoor and outdoor settings. Featuring a unique star shape and warm white glow, these lights are equipped with multiple lighting modes and a convenient timer function for ease of use and energy efficiency. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your string lights.



Image: echosari Star String Lights with the battery box, illustrating the product's appearance and control unit.

## PRODUCT FEATURES

- **Star Fairy Lights:** Designed with a unique star shape, providing a warm white glow. Length of 13ft with 40 LEDs and a 50cm lead wire for easy installation.
- **Versatile Lighting Modes:** Offers 8 different lighting modes, selectable via a button on the battery box, allowing for various atmospheric effects.
- **Timer Function:** Features a convenient timing program (6 hours on, 18 hours off) activated by a dedicated switch on the battery box.
- **Battery Operated:** Powered by 3 AA batteries (not included), offering flexibility for placement without the need for electrical outlets.
- **Waterproof & Safe to Use:** IP54 waterproof rating and operates at a safe 4.5V low output voltage, suitable for both indoor and outdoor use.
- **Wide Decorative Uses:** Ideal for Christmas, parties, weddings, home decoration, windows, bathrooms, and other festive occasions.

## PACKAGE CONTENTS

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Upon opening the package, please verify that all components are present and undamaged:

- 1 x echosari LED Star String Light (13ft, 40 LEDs)
- 1 x Battery Pack (integrated with control button and timer switch)

**Note:** 3 AA batteries are required for operation and are not included in the package.



Image: The echosari Star String Lights and their battery pack as they appear in the product packaging.

## SETUP

1. **Insert Batteries:** Open the battery compartment on the back of the battery pack. Insert 3 new AA batteries, ensuring correct polarity (+/-). Close the compartment securely.

2. **Select Mode:** Locate the button on the battery pack. Press this button repeatedly to cycle through the 8 different lighting modes until you find your desired effect.
3. **Activate Timer (Optional):** If you wish to use the automatic timer function, slide the switch on the battery pack to the "TIMER" position. The lights will then operate for 6 hours and automatically turn off for 18 hours, repeating the cycle daily. If you prefer continuous operation, slide the switch to the "ON" position.
4. **Placement:** Unwind the string lights carefully. Place or hang the lights in your desired location. The lights are IP54 waterproof, making them suitable for both indoor and outdoor decorative use.



Image: Detailed view of the battery box, highlighting the mode selection button and the ON/TIMER/OFF switch for easy setup.

## OPERATING INSTRUCTIONS

### Powering On/Off

- To turn the lights **ON** for continuous operation, slide the switch on the battery pack to the "ON" position.
- To turn the lights **OFF**, slide the switch on the battery pack to the "OFF" position.
- To activate the **TIMER** function, slide the switch to the "TIMER" position.

## Changing Lighting Modes

- With the lights powered on (either "ON" or "TIMER" mode), press the **Mode/Power** button on the battery pack.
- Each press will cycle through the 8 available lighting modes.
- To turn off the lights completely, press and hold the **Mode/Power** button for 3 seconds.



Image: The timer setting on the battery box, indicating the 6 hours on and 18 hours off cycle.

## LIGHTING MODES

The echosari Star String Lights offer 8 distinct lighting modes to suit various preferences and occasions:

1. **Combination:** Cycles through all modes automatically.
2. **In Wave:** Lights twinkle in a wave-like pattern.
3. **Sequential:** Lights illuminate in sequence.
4. **Slo Glo:** Lights slowly fade in and out.
5. **Chasing/Flash:** Lights flash rapidly in sequence.
6. **Slow Fade:** Lights slowly fade in and out across the entire string.

7. **Twinkle/Flash:** All lights twinkle or flash simultaneously.

8. **Steady On:** All lights remain continuously illuminated.



Image: The battery box displaying the list of 8 lighting modes available for selection.

## MAINTENANCE

- **Cleaning:** To clean the lights, gently wipe them with a soft, dry cloth. Do not use abrasive cleaners or immerse the battery pack in water.
- **Battery Replacement:** When the lights dim or stop working, replace all 3 AA batteries with new ones. Ensure correct polarity.
- **Storage:** When not in use for extended periods, remove the batteries from the battery pack to prevent leakage and corrosion. Store the lights in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically inspect the string and star covers for any damage. If any damage is found, discontinue use and replace the product.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	<ul style="list-style-type: none"> <li>Batteries are dead or incorrectly inserted.</li> <li>Switch is in "OFF" position.</li> <li>Battery pack is damaged.</li> </ul>	<ul style="list-style-type: none"> <li>Replace batteries with new ones, ensuring correct polarity.</li> <li>Slide switch to "ON" or "TIMER" position.</li> <li>Contact customer support if damaged.</li> </ul>
Lights are dim.	<ul style="list-style-type: none"> <li>Batteries are low.</li> </ul>	<ul style="list-style-type: none"> <li>Replace batteries with new ones.</li> </ul>
Timer function not working.	<ul style="list-style-type: none"> <li>Switch is not in "TIMER" position.</li> <li>Batteries are too low to sustain timer cycle.</li> </ul>	<ul style="list-style-type: none"> <li>Ensure switch is set to "TIMER".</li> <li>Replace batteries with new ones.</li> </ul>
Some LEDs are not lighting up.	<ul style="list-style-type: none"> <li>Individual LED failure.</li> <li>Wire damage.</li> </ul>	<ul style="list-style-type: none"> <li>This product is not user-serviceable for individual LEDs. If multiple LEDs fail, the product may need replacement.</li> </ul>

## SPECIFICATIONS

Attribute	Detail
Brand	echosari
Model Number	L0070_d
Light Color	Warm White
Light Source Type	LED
Number of Light Sources	40
Length	13.2 ft (approx. 4 meters)
Lead Wire Length	50 cm
Power Source	Battery Powered (3 AA batteries required, not included)
Voltage	4.5 Volts (low output)
Wattage	3.6 watts
Water Resistance Level	IP54 Waterproof
Indoor/Outdoor Usage	Indoor, Outdoor

Attribute	Detail
Control Method	Button Control (on battery pack)
Special Features	Energy Efficient, Twinkling, Waterproof, Auto Timer (6H On/18H Off)
Material	Plastic
Item Weight	3.52 ounces (approx. 0.22 lbs)
Product Dimensions (L x W x H)	1.97 x 5.12 x 6.69 inches (packaging dimensions)
UPC	701630991378

**Produktdatenblatt**

DELEGIERTE VERORDNUNG (EU) 2015/3585 DER KOMMISSION zur Energieeffizienzsteigerung von Leuchtquellen

Name oder Handelsmarke des Lieferanten: nichtzut.

Anschrift des Lieferanten: KCH Licht, 2 Rue Copernic Bureau 5, FR

Modellbezeichnung: E5 Fairy

**Art der Lichtquelle:**

Verwendete Beleuchtungstechnologie:	LED	Ungerichtet oder gebündelt:	N/A
Art des Sockels des Lichtkörpers (oder anderer elektrischer Sockelstandard):	-		
Netzspannung/Nicht direkt an die Netzspannung angeschlossen:	N/A	Verknüpfte Lichtquelle (ELV):	Nein
Farbe/ abstimmbare Lichtquelle:	Nein	Hülle:	-
Lichtquelle mit höherer Lichtdichte:	Nein		
Berücksichtigung:	Nein	Dimmbar:	Nein

**Produktparameter**

Parameter	Wert	Parameter	Wert
<b>Allgemeine Produktparameter</b>			
Energieverbrauch im Ein-Zustand (EMV) (2000 h), auf die nächstgelegene ganze Zahl gerundet	5	Energieeffizienzklasse	C
Nachlichtstrom (basierend auf Angabe, ab 2000 h) der Wert auf dem Lichtstrom in einer Kugel (200 °) in einem kreisförmigen Kegel (30°) gemittelt	5,38 in beiden Kugeln (2,00 °)	gleiche Faktoren, gerundet auf die nächstgelegene 100 K oder Spalte der entsprechenden dreizehn Faktoren, gerundet auf die nächstgelegene 100 K	5,000
Leistungsaufnahme im Ein-Zustand (P <sub>in</sub> ) in W	3,0	Leistungsaufnahme im Betriebszustand (P <sub>in</sub> ) in W, auf die zweite Dezimalstelle gerundet	-
Leistungsaufnahme im vorletzten Betriebszustand (P <sub>in</sub> )	-	Farbwiedergabeindex, auf die nächstgelegene ganze Zahl gerundet	82
für ELV in W, auf die zweite Dezimalstelle gerundet			
Außere Abmessungen, ggf. ohne ansonsten Besondere, Betriebsanforderungen für und Nicht-Betriebsbedingungen (Millimeter)	30 Breite, 5,060 Tiefe	30 Höhe	30
Angabe zu einer gleichwertigen Leistungsaufnahme**	-	Falls ja, gleichwertige Leistungsaufnahme (W)	-
Parameter für LED- und OLED-Lichtquellen:	5	Lebensdauerfaktor	1,00
Wert des R9 Farbwiedergabeindex	8,54	Lichtstromerhalt	-
Lichtstromerhalt	8,54	L <sub>70</sub> - nicht zusammenf.	-
L <sub>70</sub> - nicht zusammenf.	-	L <sub>70</sub> - zusammenf.	-

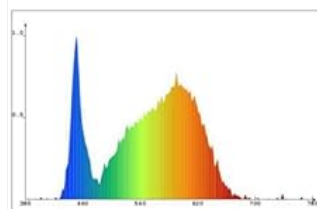




Image: EU Energy Label for the echosari ES-FairyL, indicating its energy efficiency class and consumption. For more details, visit [EPREL Database](#).

## SAFETY INFORMATION

- Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.
- Remove batteries if the product is not to be used for a long period.
- Keep the battery pack dry. Do not expose it to excessive moisture or immerse it in water.
- Do not attempt to modify or repair the string lights. Repairs should only be performed by qualified personnel.
- Keep out of reach of small children to prevent choking hazards from small parts or entanglement with the string.
- Ensure the lights are securely fastened when hung to prevent them from falling.
- Although waterproof (IP54), avoid placing the battery box directly in standing water or heavy rain for prolonged periods.

## WARRANTY AND SUPPORT

The echosari Star String Lights come with a **1-year warranty** from the date of purchase, covering manufacturing defects.

For any questions, concerns, or warranty claims, please contact echosari customer support:

**Email:** [service@echosari.com](mailto:service@echosari.com)

Please provide your purchase details and a description of the issue when contacting support to facilitate a quicker resolution.



Image: The back of the product packaging, displaying warranty details and customer service contact information.