

POOLHACKER YC049-ST-STD

POOLHACKER Solar Pool Fountain with 10-Color LED Lights Instruction Manual

Model: YC049-ST-STD

1. INTRODUCTION

Thank you for choosing the POOLHACKER Solar Pool Fountain with 10-Color LED Lights. This manual provides detailed instructions for the safe and efficient installation, operation, and maintenance of your new pool fountain. Please read this manual thoroughly before use and retain it for future reference.

2. PRODUCT OVERVIEW

The POOLHACKER Solar Pool Fountain is designed to enhance your pool experience with adjustable water sprays and vibrant LED lighting. It features a streamlined design, solar power for energy efficiency, and smart automatic functions.

Key Features:

- **No Orientation Design:** Solar ambient light is designed without specific orientation for flexible installation.
- **Automatic Dusk Sensor & Timer:** Built-in light sensor automatically activates the fountain at dusk. Default 4-hour auto-off, with selectable 1, 2, or 3-hour timer modes.
- **10-Color LED Lights:** Powered by 32 precision multi-chip LEDs, offering 10 colors, 4 display modes (Flash, Strobe, Smooth, Fade), and 3 adjustable brightness levels (50%, 75%, 100%).
- **Solar Powered:** ETFE-coated monocrystalline solar panel with up to 21.5% energy conversion efficiency. Cord-free operation with reliable full-evening illumination after a full day of charging.
- **Durable & Waterproof:** Fully sealed IP68-rated structure with integrated molding and screw-free housing for reliable performance in wet conditions.
- **Dual-Head Adjustable Spray:** Wide waterfall spray enhances natural evaporative cooling, reducing pool temperature by 6-15°F. Adjustable spray direction and height.
- **Remote Control:** Control lighting features (colors, modes, brightness, timer) from up to 98 ft away. Compatible POOLHACKER lights can be synced.

What's in the Box:

The package includes all necessary components for installation and operation. Please verify all parts are present before proceeding.

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Video 2.1: Unboxing and Component Overview. This video demonstrates the contents of the package and provides a visual guide to the various parts of the POOLHACKER Solar Pool Fountain.

- Solar Ambient Light (x2)
- Eyeball Seat Key Tool
- Threaded Adapter (for Intex/Bestway/Coleman Above Ground Pool)
- Threaded Adapter (for Hayward In-ground Pool)
- Pressure Regulator
- Riser
- Extension Tube
- Spray Heads (x2)
- Remote Control
- Instruction Manual

3. SETUP & INSTALLATION

The POOLHACKER Solar Pool Fountain is designed for easy installation in both above-ground and in-ground pools. Ensure your pool pump is turned off before beginning installation.

Installation Steps:

1. **Prepare the Pool Outlet:** Unscrew and remove the existing inlet nozzle or eyeball fitting from your pool's return jet base.
2. **Attach Threaded Adapter:** Select the appropriate threaded adapter (Part A for above-ground pools like Intex/Bestway/Coleman, or Part B for in-ground pools like Hayward) and screw it securely into the pool's return jet base.
3. **Install Pressure Regulator:** Attach the Pressure Regulator (Part C) to the threaded adapter. This component helps manage water flow.
4. **Assemble Fountain Body:** Connect the Riser (Part D) to the Pressure Regulator. Then, attach the Extension Tube (Part E) to the Riser.
5. **Attach Spray Heads:** Securely attach the two Spray Heads (Part F) to the top of the Extension Tube. Ensure they are firmly in place.
6. **Mount Solar Ambient Lights:** Carefully slide the Solar Ambient Lights (Part G) onto the ends of the spray heads. These lights are designed without specific orientation.
7. **Adjust Spray Direction:** Once installed and the pump is running, adjust the angle and direction of the spray heads to achieve your desired water flow and aesthetic.



Image 3.1: The POOLHACKER Solar Pool Fountain installed in an above-ground pool, demonstrating the dual-head water spray.



Image 3.2: Detailed view of the fountain's attachment mechanism to an above-ground pool, highlighting the solar panels.

4. OPERATING INSTRUCTIONS

Your POOLHACKER Solar Pool Fountain is designed for ease of use with automatic functions and remote control capabilities.

Automatic Operation:

- The built-in light sensor automatically turns the fountain's LED lights on at dusk.
- By default, the lights will turn off after 4 hours to conserve energy.

Remote Control Functions:

Use the provided remote control to customize your fountain's lighting and timer settings.

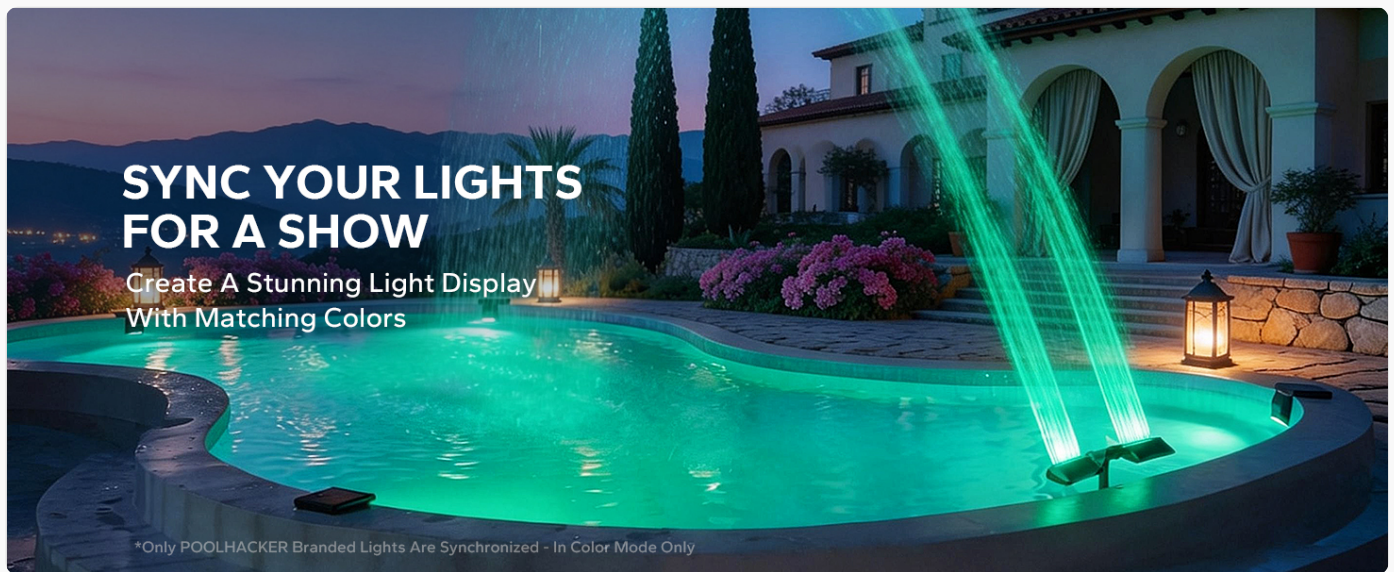


Image 4.1: The remote control for the POOLHACKER Solar Pool Fountain, illustrating its various buttons for light and timer adjustments.

- **ON/OFF:** Power the LED lights on or off.
- **Color Selection:** Choose from 10 vibrant colors.
- **Display Modes:** Select from 4 dynamic modes: Flash, Strobe, Smooth, and Fade.
- **Brightness Adjustment:** Adjust light intensity to 50%, 75%, or 100%.
- **Timer Settings:** Override the default 4-hour auto-off with 1, 2, or 3-hour timer options.
- **Synchronization:** Compatible POOLHACKER lights can be synced for a unified display.

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Video 4.2: Demonstration of the POOLHACKER Solar Pool Fountain's LED lights and various color modes in action at night.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your solar pool fountain.

- **Clean Solar Panels:** Periodically wipe the solar panels with a soft, damp cloth to remove dust, debris, or mineral buildup. This ensures maximum charging efficiency.
- **Inspect Spray Heads:** Check the spray heads for any blockages from debris. Clean as needed to maintain consistent water flow.
- **Winter Storage:** In colder climates, remove the fountain from the pool before freezing temperatures. Clean

thoroughly, dry, and store in a cool, dry place.

- **General Cleaning:** Clean the fountain body as needed with mild soap and water. Avoid abrasive cleaners.

6. TROUBLESHOOTING

If you encounter any issues with your POOLHACKER Solar Pool Fountain, refer to the following common solutions:

Problem	Possible Cause	Solution
Lights do not turn on at dusk.	Insufficient solar charge; dusk sensor obstructed; lights turned off via remote.	Ensure solar panels receive direct sunlight for a full day. Clean solar panels. Check for obstructions on the dusk sensor. Verify lights are turned on with the remote control.
Weak or inconsistent water spray.	Low pool pump pressure; clogged spray heads; pressure regulator setting.	Ensure pool pump is operating correctly and at sufficient pressure. Clean spray heads to remove debris. Adjust the pressure regulator to allow more water flow.
Remote control not working.	Remote battery depleted; remote out of range; line of sight obstructed.	Replace remote control battery. Ensure you are within the 98 ft operating range. Remove any obstructions between the remote and the fountain.

7. SPECIFICATIONS

Feature	Detail
Model Number	YC049-ST-STD
Color	Gray
Material	Plastic, Resin
Product Dimensions (L x W x H)	8.43" x 3.66" x 14.13"
Power Source	Solar Powered
Special Features	Solar, Lighted, Automatic, Remote Control
LED Colors	10 Colors
LED Modes	4 Display Modes (Flash, Strobe, Smooth, Fade)
Brightness Levels	3 (50%, 75%, 100%)
Remote Control Range	Up to 98 ft
Waterproof Rating	IP68
UPC	768837705726

8. WARRANTY & SUPPORT

For warranty information and customer support, please refer to the product packaging or contact POOLHACKER customer service directly. Keep your purchase receipt as proof of purchase.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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