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› POOLHACKER Solar-Powered Pool Fountain with 10-Color LED Lights (Model YC043) Instruction Manual

## POOLHACKER YC043

# POOLHACKER Solar-Powered Pool Fountain with 10-Color LED Lights (Model YC043) Instruction Manual

## OVERVIEW

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The POOLHACKER Solar-Powered Pool Fountain is designed to enhance your pool experience with adjustable water spray and integrated LED lighting. This manual provides instructions for proper setup, operation, and maintenance of your Model YC043 fountain.

## SAFETY INFORMATION

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- Ensure all connections are secure before operating the fountain.
- Do not attempt to modify the product in any way not described in this manual.
- Keep the remote control dry and away from water.
- Supervise children when the fountain is in operation.

## PACKAGE CONTENTS

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Verify that all components are present before beginning installation:

- Solar Pool Fountain Unit with LED Lights
- Remote Control
- Adjustable Riser and Nozzle Components
- Various Adapters for Pool Return Fittings
- Instruction Manual

## SETUP INSTRUCTIONS

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### 1. Initial Charging and Pairing

Before first use, ensure the solar panel receives direct sunlight for several hours to charge the internal battery. After turning on the light with the side button, press the [SUN] button on the remote to pair it with the lights. This step is crucial to prevent flickering and ensure proper light function.



Image: Initial pairing process using the side button and remote control.

## 2. Installation into Pool Return Fitting

The fountain unit connects to your pool's return fitting. Various adapters are included to ensure compatibility with different pool types.

- **Included Adapters:** Adapters for Inground Pool, Col\*m\*n 1.5in, l\*tex 1.5in, Summerbuddy 1.5in, and Summerbuddy/l\*tex 1.25in are provided.
- **Other Adapters:** For S\*mmerv\*ves/F\*nsicle (old) and Funs\*cl (new) fittings, additional adapters may be required and are sold separately.
- **Incompatible Fittings:** The fountain is not compatible with Threadless Return Inlets, Non-H\*yw\*rd Return Inlets (Inground Pool), or Non-Specified Brand/Size Return Inlets.



Image: Adaptability notes for pool return fittings, showing included, separately sold, and incompatible adapter types.

## 3. Adjusting Height and Angle

The fountain's riser, nozzle, and adjustable ball allow for customization of the spray angle, height, and direction. Adjust these components to achieve the desired water display.



Image: Illustration of adjustable spray direction and angle.

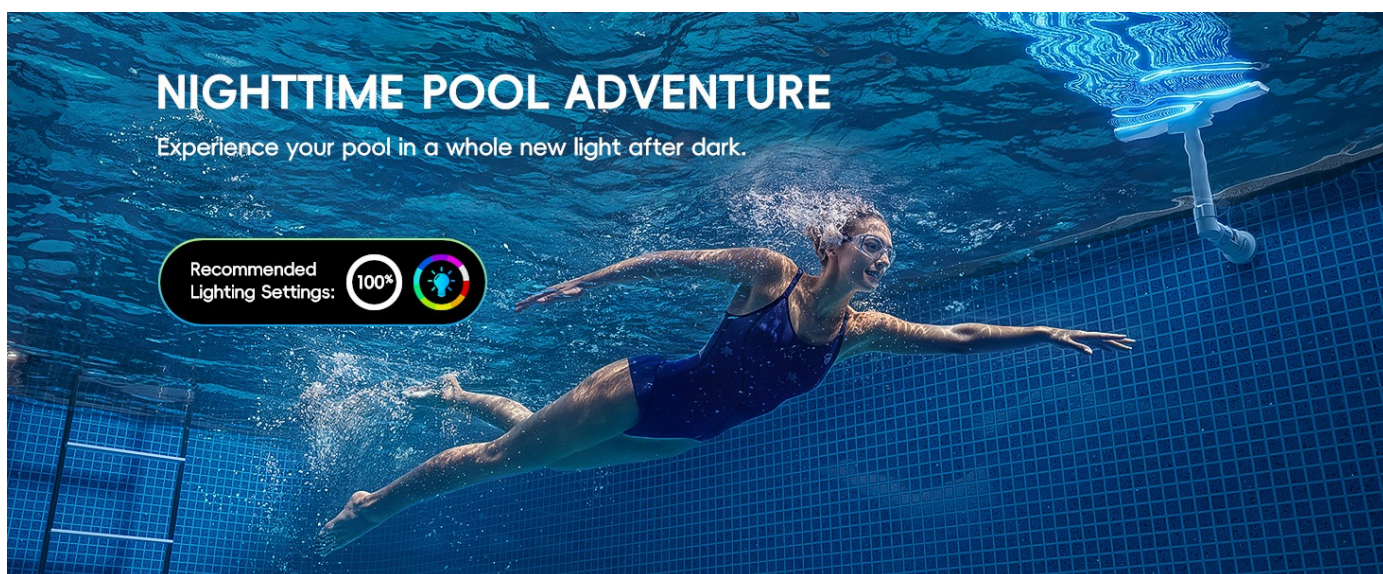


Image: Illustration of adjustable spray height.

## OPERATING INSTRUCTIONS

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### 1. Powering On and Off

To power on the fountain, long-press the side button on the unit until the lights turn on. To turn off, long-press the side button again or use the [OFF] button on the remote control.

### 2. Light Sensing Mode

The fountain light automatically illuminates at dusk in Light Sense Mode. The white indicator light on the unit signifies that the light sensor is active. If the light was turned off using the [OFF] button on the remote, the light sensor is paused. To reactivate it, press [ON] on the remote or long-press the light's button until the white indicator light appears.



Image: Automatic lighting at twilight feature.

Your browser does not support the video tag.

Video: Demonstrates how to reactivate the light sensor if the light does not turn on automatically at night.

### 3. Remote Control Functions

Use the provided remote control to manage the fountain's lighting features:

- **[ON]/[OFF]:** Turn the lights on or off.
- **Color Selection:** Choose from 10 vibrant colors.
- **Mode Selection:** Select from 4 dynamic lighting modes (e.g., Flash, Strobe, Smooth, Fade).
- **Brightness Adjustment:** Adjust light intensity (5000 LUX ultra-bright lighting).
- **Timer Settings:** Set auto-off timers for 1, 2, 3, or 4 hours. The default is 4 hours in Light Sense Mode.



Image: Overview of fountain features including remote control capabilities.

Your browser does not support the video tag.

Video: Demonstrates the 5000 LUX ultra-bright lighting and various color modes of the fountain.

### 4. Water Pressure and Filtration Control

The integrated pressure regulator allows adjustment of the spray distance and influences pool filtration. Adjust as needed for optimal performance and water circulation.

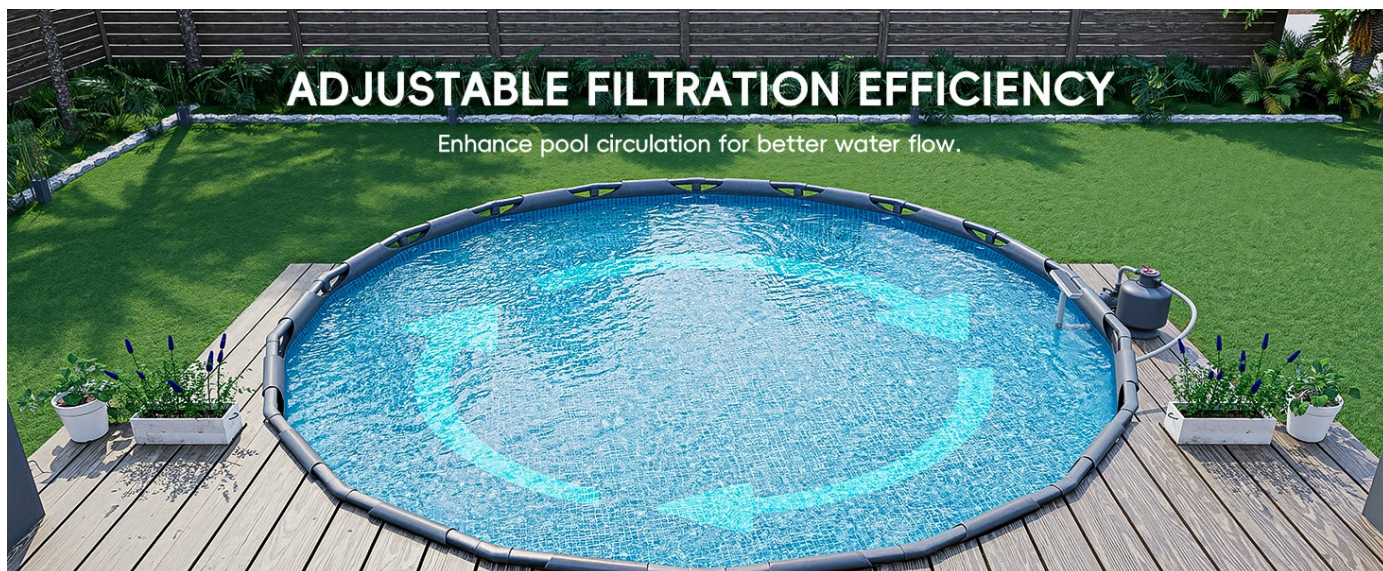


Image: Water pressure control feature.

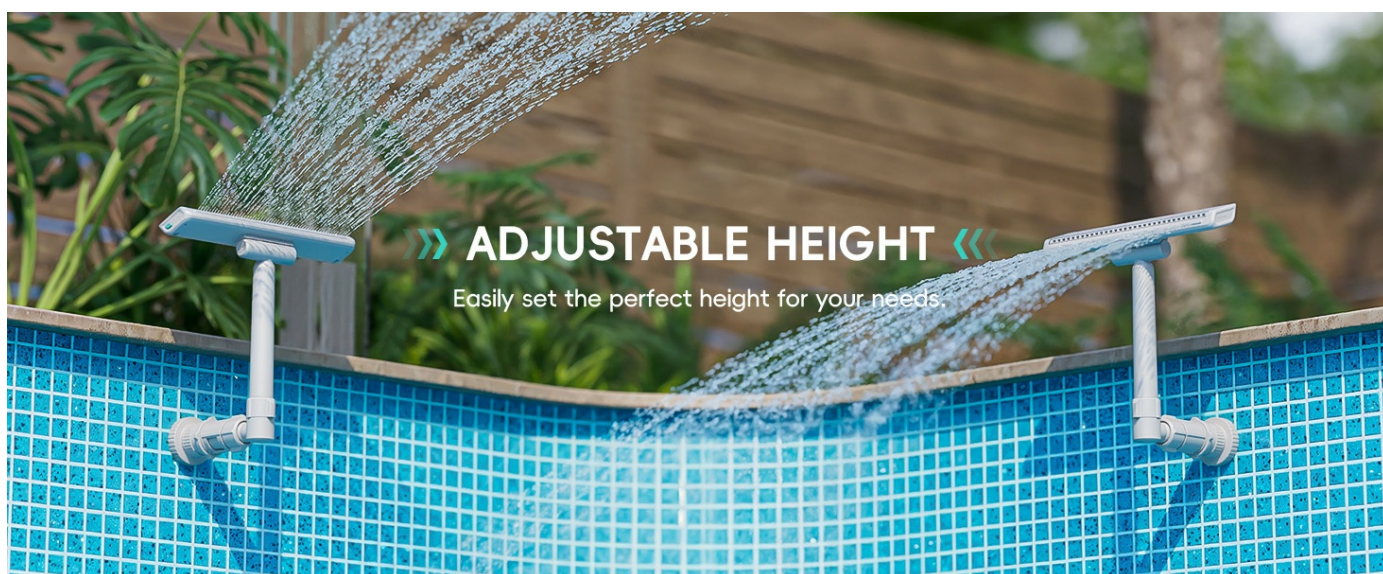


Image: Adjustable filtration efficiency for enhanced pool circulation.

## 5. POOLHACKER Sync

If you own other POOLHACKER solar lighting series products, you can synchronize their lighting effects. Control or switch modes manually or with the remote (up to 98ft range) for a coordinated light display.

## MAINTENANCE

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- Regularly inspect the solar panel for dirt or debris and clean it with a soft, damp cloth to ensure optimal charging efficiency.
- Check the fountain nozzles periodically for blockages and clear them to maintain consistent water flow.
- During winter months or extended periods of non-use, it is recommended to remove the fountain from the pool, clean it thoroughly, and store it in a dry, protected area.

## TROUBLESHOOTING

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### Light Not Turning On at Night (Light Sensor Issue)

If the light does not turn on automatically at night, it may be because the light sensor was paused. This happens if the light was turned off using the [OFF] button on the remote.

- Press the [ON] button on the remote control.
- Alternatively, long-press the light's side button to restart it.
- The white indicator light on the unit means the light sensor is active again.
- To test the light sensor, cover the solar panel with an opaque object (e.g., towel, cardboard, or hand) for 1-2 seconds. If the light turns on and the indicator light is white, the sensor is active. If it stays off, press [ON] and test again.

### Light Flickering

If the light flickers, it may indicate a pairing issue or low battery.

- Ensure the solar panel is receiving adequate sunlight for charging.
- Hold the [SUN] button on the remote control to re-pair the remote with the fountain unit.



Image: Instructions for re-pairing the remote to resolve light flickering.

### Insufficient Water Spray

- Ensure your pool filter pump meets the minimum requirements. A filter pump of at least 0.2 HP or higher is recommended for optimal performance.
- Check for any blockages in the fountain's nozzles or the connecting pipes.
- Adjust the pressure regulator to increase water flow.

### SPECIFICATIONS

| Feature                        | Detail          |
|--------------------------------|-----------------|
| Brand                          | POOLHACKER      |
| Model Number                   | YC043           |
| Color                          | Gray            |
| Power Source                   | Solar Powered   |
| Product Dimensions (L x W x H) | 2"L x 2"W x 2"H |

|                                 |                            |
|---------------------------------|----------------------------|
| Solar Panel Type                | ETFE Monocrystalline       |
| Energy Conversion Rate          | 21.5%                      |
| Battery Capacity                | 6400mAh                    |
| Operating Time (Low-Power Mode) | Up to 24 hours             |
| LED Brightness                  | 5000 LUX                   |
| LED Colors/Modes                | 10 Colors, 4 Dynamic Modes |
| Remote Control Range            | Up to 98ft                 |
| Waterproof Rating               | IPX7                       |



Image: Details on the solar panel's efficiency and battery capacity.

## WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your product packaging or visit the official POOLHACKER website. Keep your purchase receipt for warranty claims.

### 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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

**Submit question**