

GAIZERL SP13D18

GAIZERL SP13D18 Solar Fountain Instruction Manual

Model: SP13D18

1. INTRODUCTION

Thank you for choosing the GAIZERL SP13D18 Solar Fountain. This device is designed to enhance your garden, bird bath, pond, or pool with a beautiful water feature, powered entirely by solar energy. It includes a built-in battery for nighttime operation with colorful LED lights and offers multiple spray patterns. Please read this manual thoroughly before use to ensure proper installation, operation, and maintenance.

2. SAFETY INFORMATION

- Ensure the fountain is always placed in sufficient water to prevent dry running, which can damage the pump.
- Do not operate the fountain if the solar panel or pump is visibly damaged.
- Keep children and pets away from the fountain during operation, especially when adjusting nozzles.
- Avoid placing the fountain in areas where it might be easily knocked over or damaged.
- Do not attempt to disassemble or repair the internal components of the solar panel or pump. Contact customer support for assistance.
- Clean the fountain regularly to prevent blockages and maintain optimal performance.

3. PACKAGE CONTENTS

Please verify that all components are present in your package:

- 1 x GAIZERL SP13D18 Solar Fountain (with integrated solar panel, pump, and LED lights)
- 7 x Spray Nozzles (various patterns)
- 4 x Fixed Pipes (stabilizer rods)
- 3 x Filter Sponges
- 1 x User Manual

4. PRODUCT OVERVIEW

The GAIZERL SP13D18 Solar Fountain is an all-in-one unit. It features a high-efficiency glass solar panel on top, an integrated water pump, a 2200mAh battery for night operation, and colorful LED lights around the pump outlet. The underside includes a water level sensor and a filter compartment.



Figure 1: Key components of the GAIZERL Solar Fountain. This image illustrates the double transfer solar panel, water level sensor, and included filter sponges.

5. ASSEMBLY AND SETUP

5.1 Attaching Spray Nozzles

1. Select your desired spray nozzle from the included set.
2. Gently push the chosen nozzle onto the pump outlet located at the center of the solar fountain. Ensure it is securely attached.

5.2 Installing Fixed Pipes (Stabilizer Rods)

The four fixed pipes help prevent the fountain from drifting or spraying water outside the container.

1. Insert one end of each fixed pipe into the designated slots on the side of the fountain unit.
2. The other end of the pipes will rest against the edge of your bird bath or pond, providing stability.



Figure 2: Installation steps for the fixer rods to stabilize the fountain.

5.3 Placement and Initial Operation

1. Place the assembled solar fountain into a body of water (bird bath, pond, pool) with the solar panel facing upwards.
2. Ensure the fountain is fully submerged and floating freely, or stabilized with the fixed pipes.
3. For optimal performance, ensure the solar panel receives direct sunlight. The fountain will start operating within a few seconds once sufficient sunlight is detected.
4. The built-in battery will charge during the day and power the LED lights and pump for a period after sunset.

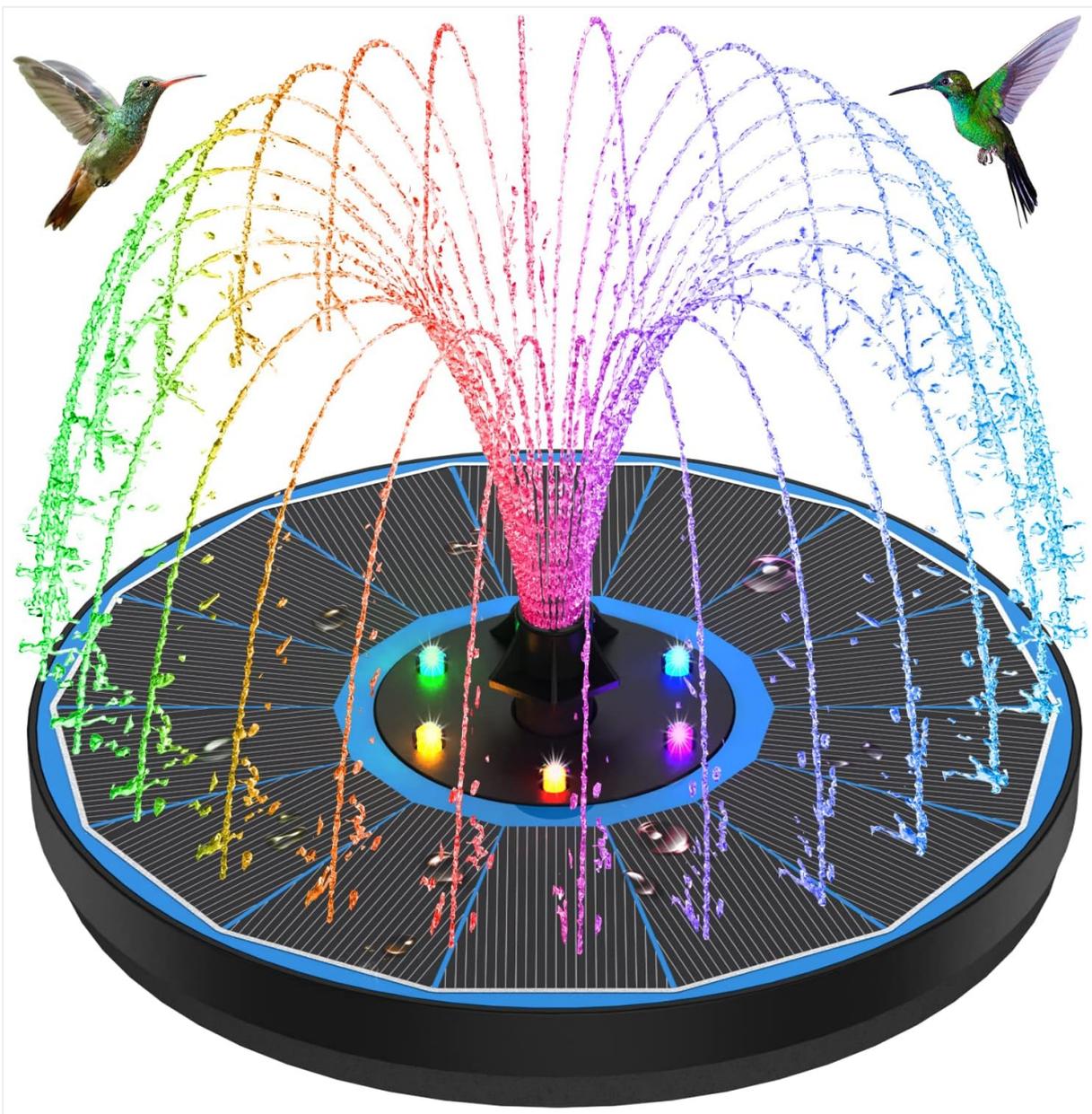


Figure 3: The GAIZERL Solar Fountain in operation, showcasing its colorful spray and LED lights.

6. OPERATING INSTRUCTIONS

6.1 Daytime Operation

When exposed to direct sunlight, the solar panel converts solar energy into electricity to power the pump and charge the internal 2200mAh battery. The fountain will spray water continuously as long as there is sufficient sunlight.

6.2 Nighttime Operation and LED Lights

After sunset, or when sunlight is insufficient, the built-in battery will automatically activate to power the pump and the colorful LED lights. The LED lights will illuminate the water spray, creating an ambient effect. The duration of nighttime operation depends on the amount of charge accumulated during the day.

6.3 Changing Spray Modes

The fountain comes with 7 different nozzles, allowing for 8 distinct spray patterns. To change the spray mode, simply remove the currently attached nozzle and replace it with another from the set. Experiment with different nozzles to find your preferred water effect.



Figure 4: Visual representation of the 8 available water spraying modes.

7. MAINTENANCE

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

7.1 Cleaning the Filter Sponge

The fountain includes filter sponges to prevent debris from entering the pump. These should be cleaned regularly, especially if you notice a decrease in spray height or consistency.

1. Carefully remove the fountain from the water.
2. Locate the filter compartment on the underside of the unit.
3. Remove the filter sponge(s) and rinse them thoroughly under clean water to remove any accumulated dirt or debris.
4. Replace the clean filter sponge(s) and reassemble the compartment.

7.2 Cleaning the Pump Rotor

Periodically, the pump rotor may accumulate debris, affecting performance.

1. After removing the filter sponge, gently detach the pump cover to access the rotor.

2. Carefully remove any hair, leaves, or other debris from the rotor and its housing.
3. Reassemble the pump cover and filter compartment.

7.3 Water Level Management

The fountain is equipped with a water shortage protection device. If the water level is too low, the pump will automatically stop working to prevent damage. Always ensure the water container has sufficient water to cover the pump completely.

7.4 Winter Storage

During winter months or periods of freezing temperatures, it is recommended to remove the fountain from the water, clean it thoroughly, and store it in a dry, frost-free location.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Fountain not spraying or weak spray	<ul style="list-style-type: none"> • Insufficient sunlight • Water level too low • Filter sponge or pump blocked • Air in the pump 	<ul style="list-style-type: none"> • Move to an area with direct sunlight. • Add more water to the container. • Clean the filter sponge and pump rotor (refer to Section 7.1 & 7.2). • Lift the fountain slightly to release trapped air, then re-submerge.
LED lights not working at night	<ul style="list-style-type: none"> • Battery not sufficiently charged • Still too much ambient light 	<ul style="list-style-type: none"> • Ensure the fountain receives full direct sunlight for several hours during the day. • Test in a darker environment.
Fountain drifts or sprays out of container	<ul style="list-style-type: none"> • Not stabilized • Nozzle spray pattern too wide 	<ul style="list-style-type: none"> • Install the fixed pipes (stabilizer rods) as described in Section 5.2. • Choose a nozzle with a narrower or lower spray pattern.

How to Install the Fixer Rods?



Note: The following situation may not work



Figure 5: Visual guide to common reasons why the fountain may not work, including shade, low water, covered solar panel, or blocked filter/rotor.

9. SPECIFICATIONS

- **Brand:** GAIZERL
- **Model:** SP13D18
- **Power Source:** Solar Powered
- **Solar Panel:** 3.5W Glass Panel
- **Battery:** 2200mAh Lithium Polymer (included)
- **Special Features:** Colorful LED Lights, Water Shortage Protection, 8 Spray Modes, 4 Fixed Pipes
- **Product Dimensions:** 6.7"L x 6.5"W x 1.97"H
- **Item Weight:** 15.8 ounces
- **Material:** Glass (panel)

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official GAIZERL website. Keep your purchase receipt as proof of purchase.