LEDGLE 3274236-PUMP-180LH

LEDGLE Mini USB Fountain Pump 180L/H User Manual

Model: 3274236-PUMP-180LH

Introduction

This manual provides detailed instructions for the safe and efficient use of your LEDGLE Mini USB Fountain Pump. Please read this manual thoroughly before operation and retain it for future reference. This compact submersible pump is designed for various small water applications, including fish tanks, small ponds, and decorative fountains.

Safety Information

- Ensure the power source is DC 5V. Using an incorrect voltage may damage the pump.
- Do not operate the pump without water. Dry running can shorten the pump's lifespan.
- Keep the water clean and perform regular maintenance to prevent debris from causing malfunction.
- This product is not a toy. Keep it away from children.
- Always disconnect power before performing any maintenance or cleaning.

Package Contents

- 1x LEDGLE Mini USB Fountain Pump (Model: 3274236-PUMP-180LH)

Setup Instructions

Follow these steps to set up your LEDGLE Mini USB Fountain Pump:

1. **Placement:** Position the pump completely submerged in water. Ensure the water level is sufficient to cover the pump's intake.



Image: The LEDGLE Mini USB Fountain Pump is shown fully submerged at the bottom of a fish tank, circulating water for aquatic life.

2. **Secure the Pump:** The pump is equipped with strong suction cups on its base. Press the pump firmly against a clean, smooth surface at the bottom or side of your water container (e.g., fish tank, pond liner) to secure it in place.



Image: A diagram highlights the strong rubber suction cups on the pump's base, illustrating how they provide stable fixation. Below, the pump is shown securely attached to the side of a fish tank.

3. **Connect Tubing (Optional):** If you are using the pump for a fountain or specific water flow, attach appropriate tubing (not included) to the pump's outlet nozzle.
4. **Power Connection:** Connect the USB cable to a compatible DC 5V power source. This can include a power bank, solar charger, laptop USB port, or a USB wall adapter. The pump features a 70.8-inch (1.8m) long cord for flexible placement.



Image: This diagram illustrates various DC 5V USB charging options, including a power bank, solar charger, and a USB wall adapter, all compatible with the pump's USB power cord.

Operating Instructions

Once properly set up and submerged, the LEDGLE Mini USB Fountain Pump is ready for operation.

1. **Power On:** Ensure the pump is fully submerged in water. Connect the USB plug to a powered 5V USB port. The pump will typically start operating within 3 seconds.
2. **Water Flow:** The pump will begin to circulate water, providing a maximum flow rate of 180 liters per hour (L/H) and a maximum lift of 1.8 meters (39.4 inches).



Image: The LEDGLE Mini USB Fountain Pump is shown actively pumping water, with a stream of water splashing upwards from its outlet, demonstrating its function.

3. **Power Off:** To stop the pump, simply disconnect the USB plug from the power source.

The pump is designed to convert still water into flowing water, which can benefit aquatic environments by improving oxygenation and preventing stagnation.

Maintenance

Regular maintenance is crucial for the longevity and optimal performance of your pump.

1. **Disconnect Power:** Always unplug the pump from its power source before attempting any cleaning or maintenance.
2. **Clean Regularly:** Over time, debris, algae, or pet hair can accumulate in the pump's intake and impeller, reducing efficiency or causing malfunction.

- Remove the pump from the water.
- Carefully detach the front cover to access the impeller.
- Clean the impeller and its housing using a small brush or cotton swab. Remove any trapped debris.
- Rinse all components with clean water.
- Reassemble the pump, ensuring all parts are securely in place.

3. **Water Quality:** Maintain clean water in your application (fish tank, pond) to minimize the frequency of pump cleaning.

Troubleshooting

If your pump is not functioning as expected, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Pump does not start or runs intermittently.	No power or insufficient power. Impeller blocked by debris. Pump not fully submerged.	Check USB connection and power source (ensure 5V output). Disconnect power, clean impeller and housing. Ensure pump is completely underwater.
Low water flow.	Debris in intake or impeller. Kinked or blocked tubing. Insufficient water level.	Disconnect power, clean pump components. Check and clear any obstructions in tubing. Add more water to cover the pump.
Pump is noisy.	Impeller obstructed. Pump not securely placed. Dry running.	Disconnect power, clean impeller. Re-secure pump using suction cups. Ensure pump is fully submerged.

Specifications

Detailed technical specifications for the LEDGLE Mini USB Fountain Pump:

Feature	Specification
Brand	LEDGLE
Model Number	3274236-PUMP-180LH
Voltage	DC 5V
Wattage	1.5 watts
Maximum Flow Rate	180 Liters Per Hour (L/H)
Maximum Lifting Height	1.8 Meters (39.4 inches)
Power Source	Corded Electric (USB)

Feature	Specification
Material	Acrylonitrile Butadiene Styrene (ABS)
Color	Black
Product Dimensions	3.23"L x 3"W x 2"H
Item Weight	0.21 Kilograms (7.4 ounces)
Cable Length	70.8 inches (1.8 meters)



Image: The compact size of the LEDGLE Mini USB Fountain Pump is demonstrated as it rests in the palm of a hand.

Warranty and Support

For warranty information or technical support, please contact LEDGLE customer service. Refer to the product packaging or the official LEDGLE website for the most current contact details.
Manufacturer: LEDGLE

Applications

The LEDGLE Mini USB Fountain Pump is versatile and suitable for various small-scale water circulation needs:

- Small fish tanks and aquariums
- Indoor and outdoor decorative fountains
- Small ponds
- Pet water dispensers
- Hydroponic systems



Image: A collage showcasing the LEDGLE Mini USB Fountain Pump in diverse settings, such as a garden pond, a multi-tiered waterfall, a small bamboo water feature, and a vibrant fish tank, highlighting its versatility.

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

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