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› KEDSUM USB Rechargeable Aquarium Air Pump (Model B0B1V4HS8S) Instruction Manual

KEDSUM B0B1V4HS8S

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INTRODUCTION

This manual provides detailed instructions for the KEDSUM USB Rechargeable Aquarium Air Pump, Model B0B1V4HS8S. This device is designed to provide aeration for aquariums, fish tanks, and for use during outdoor fishing or power outages. Please read this manual thoroughly before use to ensure proper operation and maintenance.



Image: The KEDSUM USB Rechargeable Aquarium Air Pump shown with its included air tubing, air stones, and check valve.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x KEDSUM Aquarium Air Pump
- 1 x Air Tubing (6 feet / 1.83 meters)
- 2 x Air Stones
- 1 x Check Valve
- 1 x Type-C USB Charging Cable

What You'll Get >

1 × Air Pump



1 × Instruction



1 × 6.65 ft
Tubing



1 × USB Power Cord



2 × Air Stone



1 × Check Valve



Image: A visual representation of the KEDSUM Air Pump and all its accessories, including the pump unit, air tubing, two air stones, a check valve, and a USB charging cable.

PRODUCT FEATURES

Powerful Airflow

The pump delivers a maximum air flow rate of 2.5 Liters Per Minute (LPM) and a pressure of 0.015 MPa. It is suitable for aquariums ranging from 5 to 30 gallons, providing sufficient aeration and water circulation.

Abundant and Stable Airflow



Image: An aquarium demonstrating the abundant and stable airflow generated by the KEDSUM air pump, with bubbles rising from an air stone.

Rechargeable Battery & Automatic Power Switching

Equipped with a built-in 2600mAh lithium-ion battery, the pump offers two working modes:

- **Normal Mode:** Provides 22-25 hours of continuous operation.
- **Intermittent Mode:** Provides 27-30 hours of operation (runs for a few seconds, then pauses).

The pump supports both AC and DC power. When connected to AC power, it functions as a standard air pump. In the event of a power outage, it automatically switches to the internal lithium battery DC power supply, ensuring continuous aeration for your aquatic environment.

Ultra-Quiet Operation

Designed with 4 shock-absorbing feet, the pump minimizes vibration and noise. At its lowest flow rate, the noise level is approximately 35dB, comparable to rustling leaves or a ticking watch, promoting a peaceful environment for both you and your pets.

Ultra Quiet

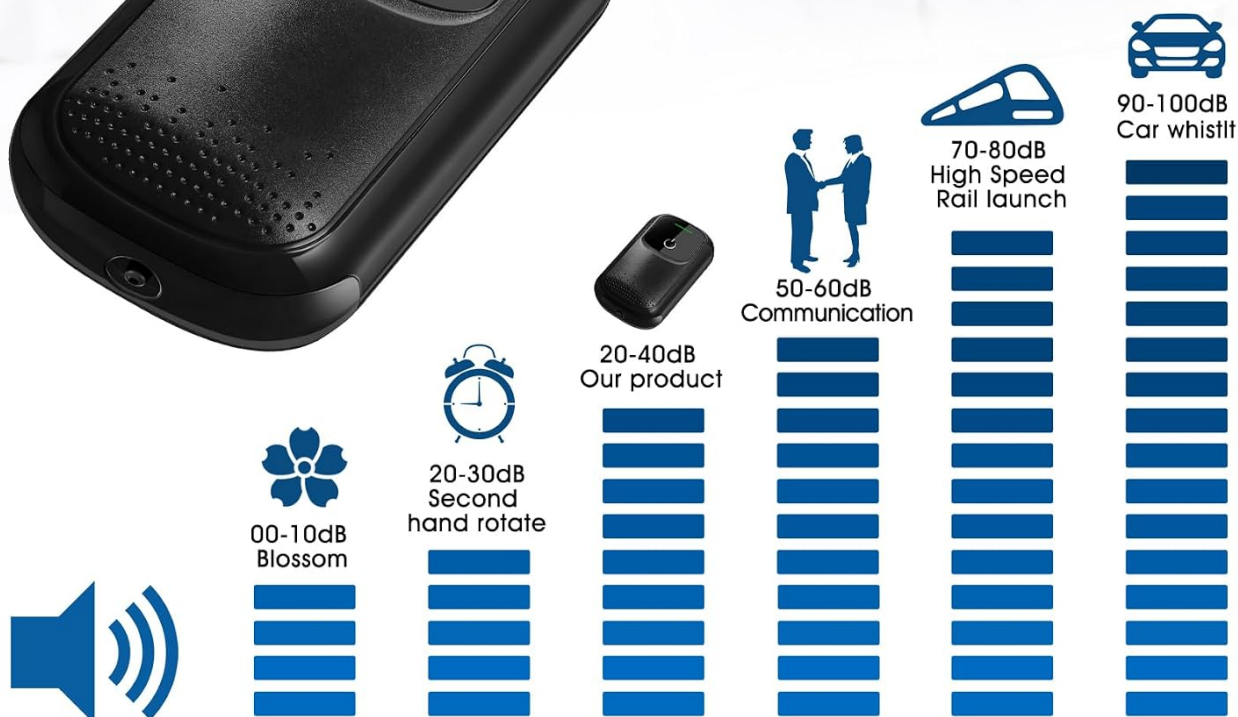


Image: A graphic comparing the KEDSUM air pump's noise level (20-40dB) to common sounds, highlighting its ultra-quiet operation, with a sleeping child in the background.

Versatile Applications

This portable air pump is suitable for various uses, including:

- Home aquariums and fish tanks
- Outdoor fishing
- Live bait aeration
- Emergency aeration during power outages
- Transportation of aquatic life



Image: A collage depicting the KEDSUM air pump's diverse uses, including in home aquariums, for live seafood storage, during transport, and for outdoor fishing.

SETUP GUIDE

Component Identification



Image: A detailed diagram highlighting key components of the KEDSUM air pump, including shock-absorbing feet, charging/plug port, metal clip, battery indicator, intermittent mode indicator, and the switch button.

Connecting Components

1. **Connect Air Tubing:** Insert one end of the air tubing firmly into the air outlet port on the pump.
2. **Attach Air Stone:** Connect the other end of the air tubing to an air stone. Ensure a snug fit.
3. **Install Check Valve (Important for below water level placement):** If the air pump is placed below the water level of the aquarium, a check valve **must** be installed on the air tubing between the pump and the air stone. This prevents water from siphoning back into the pump during a power outage, which can damage the unit. Ensure the check valve is oriented correctly, allowing air to flow from the pump to the air stone, but not water back to the pump.



Image: An air stone properly connected to the air tubing.



Image: A check valve with arrows indicating the correct direction of air flow (from pump to air stone).

Placement

Position the air pump in a stable location. If the pump is placed below the water level of the aquarium, ensure the check valve is correctly installed to prevent back-siphoning. For optimal performance and safety, it is generally recommended to place the air pump above the water level.

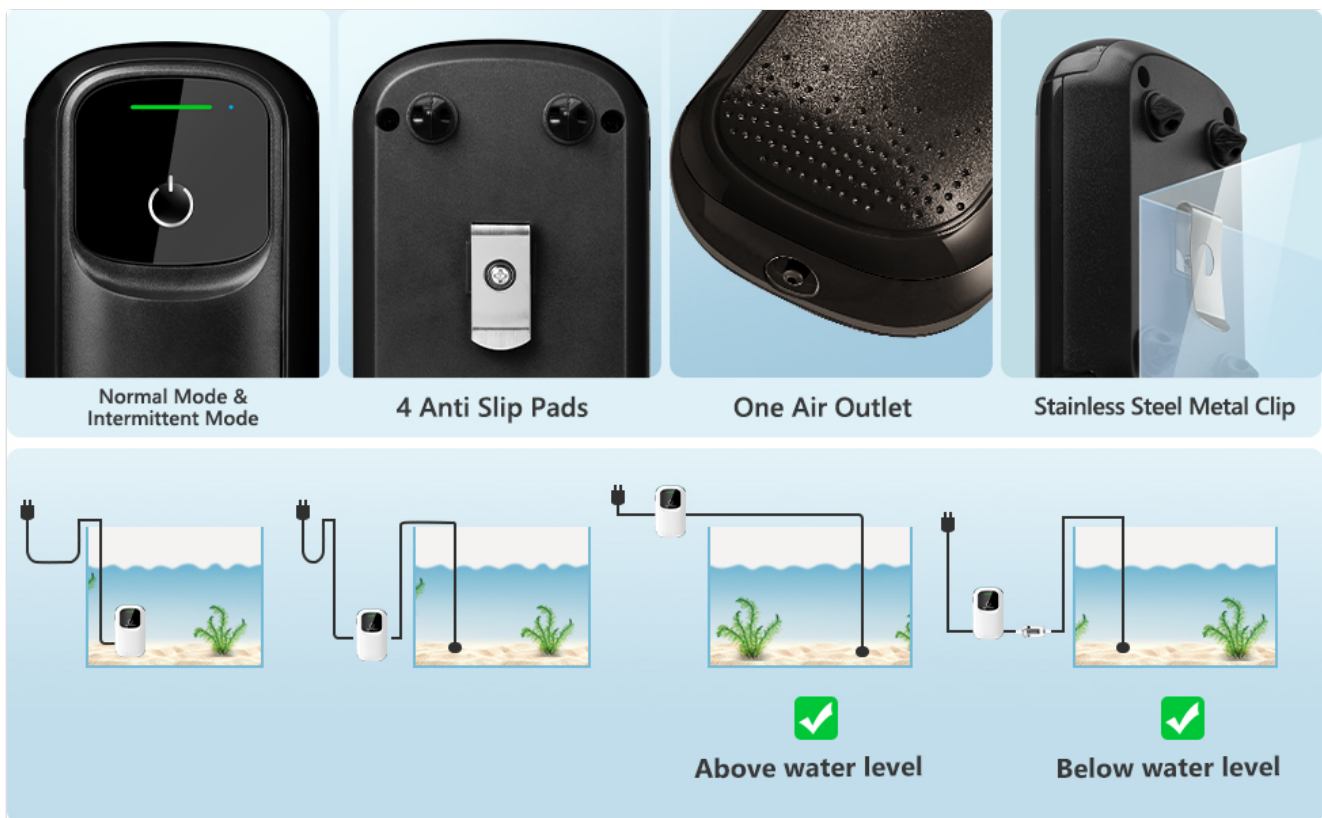


Image: A diagram illustrating the correct setup for an air pump placed above the water level (no check valve needed) and below the water level (check valve required).

OPERATING INSTRUCTIONS

1. **Power On/Off:** Press and hold the power button (indicated by a circle with a vertical line) for approximately 3 seconds to turn the pump on or off.
2. **Switch Modes:** Once the pump is on, short press the power button to toggle between Normal Mode (continuous aeration) and Intermittent Mode (aeration with pauses). The intermittent mode indicator light will illuminate when this mode is active.
3. **Battery Indicator:** The battery indicator lights will show the current charge level of the internal battery.

CHARGING INSTRUCTIONS

The KEDSUM air pump is rechargeable via its Type-C USB port.

1. **Connect Charging Cable:** Insert the Type-C end of the charging cable into the pump's charging port.
2. **Connect to Power Source:** Connect the USB-A end of the charging cable to a compatible 5V USB power source, such as a laptop, a wall charger (5V output), or a power bank.
3. **Charging Indicator:** The battery indicator lights will show the charging status. They will typically blink while charging and remain solid when fully charged.



Image: A hand connecting the USB charging cable to the air pump's charging port.



Image: An example of a compatible 5V USB wall charger. Ensure your charger provides 5V output.

Portable and Usable USB Charging



Image: The KEDSUM air pump being charged via a portable computer, a mobile USB power supply (power bank), and a car USB charger.

MAINTENANCE

- **Keep Dry:** The pump is not waterproof. Avoid water intrusion, especially saltwater, as it can damage internal electronics.
- **Clean Air Stones:** Periodically clean or replace air stones to ensure optimal bubble production and airflow. Clogged air stones can reduce pump efficiency.
- **Tubing Inspection:** Check air tubing regularly for kinks, blockages, or damage.
- **Storage:** When not in use for extended periods, fully charge the pump and store it in a cool, dry place.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Pump does not turn on.	Battery is depleted.	Charge the pump using the provided USB cable and a 5V power source.
No or weak airflow.	• Air stone is clogged. • Air tubing is kinked or blocked. • Pump outlet is obstructed.	• Clean or replace the air stone. • Straighten or clear the air tubing. • Check the pump's air outlet for any obstructions.
Pump stops working when unplugged from AC power.	Internal battery issue or not fully charged.	Ensure the pump is fully charged. If the issue persists, contact customer support.
Excessive noise or vibration.	• Pump not on a stable surface. • Vibrations transferring to furniture.	• Place the pump on a flat, stable surface. • Place a piece of foam, rubber, or a blanket underneath the pump to absorb vibrations.
Water back-siphoning into pump.	Check valve not installed or incorrectly oriented when pump is below water level.	Install a check valve correctly on the air tubing if the pump is below the water level. Ensure air flows away from the pump.

SPECIFICATIONS

- **Model:** B0B1V4HS8S
- **Brand:** KEDSUM
- **Color:** Black
- **Product Dimensions:** 4.2"L x 2.2"W x 1.2"H (10.67 cm L x 5.59 cm W x 3.05 cm H)
- **Item Weight:** 11.7 ounces (331.7 g)
- **Power Source:** Battery Powered (1 Lithium Ion battery included) / AC/DC Automatic Switching
- **Max Air Flow Rate:** 2.5 Liters Per Minute (LPM) / 40 GPH
- **Pressure:** 0.015 MPa
- **Power:** 1.5 W
- **Hose Length:** 6 feet (1.83 meters)
- **Battery Capacity:** 2600mAh
- **Operation Modes:** Normal, Intermittent
- **Noise Level:** Minimum 35dB
- **Suitable Tank Capacity:** 5-30 Gallons

CUSTOMER SUPPORT

If you encounter any problems during the normal use of your KEDSUM Aquarium Air Pump, please do not hesitate to contact us. We are committed to assisting you and providing a satisfactory solution. You can typically reach KEDSUM customer support via the platform where you purchased the product (e.g., Amazon).

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