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Jebao SLW-30

Jebao SLW-30 Compact Wavemaker Instruction Manual

Model: SLW-30

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation, installation, and maintenance of your Jebao SLW-30 Compact Wavemaker. The SLW-30 is designed to create natural water movement within marine aquariums, promoting a healthy environment for aquatic life.

Key Features:

- **External Drive Controller:** The pump's electronic components are housed externally, enhancing pump longevity.
- **Adjustable Water Direction:** Features a 3D large rotation angle for precise output water direction control.
- **Wireless Control:** Supports master and slave wireless control for synchronized operation of multiple units.
- **Quiet Operation:** Equipped with a super quiet motor.
- **High Flow Rate:** Delivers a maximum flow of 13000 L/H (3434 GPH).

2. SAFETY INSTRUCTIONS

Please read and understand all safety warnings and instructions before operating this device. Failure to do so may result in injury or damage to the product.

- **Electrical Safety:** Always disconnect power before performing any maintenance or installation. Ensure your hands are dry when handling electrical components.
- **Submersible Use Only:** This wavemaker is designed for submersible use within an aquarium. Do not operate it outside of water.
- **Avoid Running Dry:** Operating the pump without water will cause damage to the motor and void the warranty.
- **Proper Placement:** Ensure the wavemaker is securely mounted and positioned to avoid contact with aquarium

inhabitants or decorations.

- **Children and Pets:** Keep the device and its power cords out of reach of children and pets.
- **Damage Inspection:** Regularly inspect the power cord and pump for any signs of damage. Do not use if damaged.

3. PACKAGE CONTENTS

Verify that all items are present and in good condition upon opening the package:

- Jebao SLW-30 Wavemaker Pump Unit
- SINE Driver Controller
- Power Adapter
- Instruction Manual (this document)



This image displays the complete Jebao SLW-30 Wavemaker system, including the compact pump unit, the SINE Driver controller, and the power adapter. All components are shown connected, illustrating the setup.

4. SETUP AND INSTALLATION

1. Positioning the Pump:

Select a suitable location inside your aquarium for the wavemaker. Consider the desired flow pattern and avoid placing it directly against glass or decorations that could obstruct water flow or cause vibration. The pump features a 3D rotation angle for optimal water direction.



A side view of the Jebao SLW-30 Wavemaker pump, highlighting its compact cylindrical design and the propeller guard.

2. Mounting the Pump:

The wavemaker uses a magnetic mount. Place the pump unit inside the aquarium and align the external magnet on the outside of the glass, directly opposite the pump. Ensure a secure grip before releasing the pump.

3. Connecting the Controller:

Connect the pump's cable to the "PUMP" port on the SINE Driver controller. Ensure the connection is firm.

4. Connecting the Power Adapter:

Connect the power adapter to the "POWER" port on the controller. Then, plug the power adapter into a suitable electrical outlet. Ensure a drip loop is formed with the power cord to prevent water from traveling along the cord to the outlet.

5. Initial Power-On:

Once all connections are secure and the pump is submerged, plug in the power adapter. The controller will illuminate, indicating power. The pump will begin operating in its default mode.

5. OPERATING INSTRUCTIONS

The SINE Driver controller allows you to customize the wavemaker's operation. Refer to the controller layout for button and dial functions.



The SINE Driver controller for the Jebao SLW-30 Wavemaker, showing the various buttons and the speed adjustment dial.

Controller Functions:

- **MODE Button:** Press to cycle through different wave patterns and flow modes (e.g., constant flow, pulse mode, random flow). The indicator lights on the controller will show the active mode.
- **SPEED Dial:** Rotate the dial to adjust the flow intensity or wave frequency within the selected mode. The speed indicator lights will show the current setting.
- **FEED Button:** Press this button to activate a temporary feed mode, which pauses the pump for a short duration (typically 10 minutes) to allow for feeding without food being immediately swept away. Press again to resume normal operation.
- **WI-LE/LOCK Button:**
 - **Wireless Control (WI-LE):** Use this function to set up master/slave synchronization between multiple SLW wavemakers. Refer to the advanced settings section for detailed pairing instructions (if applicable, typically involves holding the button).
 - **Lock Function (LOCK):** Hold this button to lock the current settings, preventing accidental changes. Hold again to unlock.

Adjusting Water Direction:

The pump unit can be manually rotated on its magnetic mount to direct the water flow in various directions. Gently adjust the pump's angle to achieve the desired circulation pattern in your aquarium.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your Jebao SLW-30 Wavemaker.

1. **Disconnect Power:** Always unplug the power adapter from the electrical outlet before attempting any maintenance.
2. **Remove from Aquarium:** Carefully remove the pump unit from the aquarium.
3. **Disassembly and Cleaning:**

Gently twist and pull the front cover and impeller housing to expose the impeller. Remove any debris, algae, or calcium buildup from the impeller, shaft, and housing. A soft brush or cotton swab can be used for thorough cleaning. For stubborn calcium deposits, a mild vinegar solution can be used, followed by a thorough rinse with fresh water.



A front-facing view of the Jebao SLW-30 Wavemaker pump, showcasing the blue impeller blades and the protective grate. This area should be regularly cleaned.

4. **Reassembly:**

Ensure all parts are clean and dry before reassembling the pump. Align the impeller correctly and secure the housing and front cover. Do not force components together.

5. **Frequency:**

It is recommended to clean the wavemaker monthly or bi-monthly, depending on your aquarium's bioload and algae growth.

7. TROUBLESHOOTING

If you encounter issues with your Jebao SLW-30 Wavemaker, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Pump not operating / No power	Power adapter unplugged Loose connection Power outage Damaged power adapter or controller	Check power outlet and adapter connection. Ensure pump cable is firmly connected to the controller. Verify power to the outlet. Contact support if components are damaged.
Weak or inconsistent flow	Clogged impeller or housing Air trapped in pump Incorrect mode/speed setting	Disconnect power, remove pump, and clean impeller/housing. Gently shake the pump while submerged to release air. Adjust speed dial or change mode on the controller.
Unusual noise or vibration	Debris in impeller Impeller not seated correctly Pump vibrating against glass/decorations	Disconnect power and clean impeller. Reassemble pump, ensuring impeller is properly seated. Adjust pump position to prevent contact with surfaces.
Pump runs dry	Water level too low Pump positioned above water line	Immediately disconnect power. Refill aquarium to appropriate level. Reposition pump fully submerged.

8. SPECIFICATIONS

- **Model:** SLW-30
- **Maximum Flow Rate:** 13000 L/H (3434 GPH)
- **Power Consumption:** 30 Watts
- **Voltage:** 24 Volts
- **Pump Dimensions (approx.):** 2 inches (Diameter) x 3 inches (Length)
- **Material:** Ceramic (impeller shaft)
- **Style:** Submersible
- **Item Weight (pump only):** Approximately 0.11 ounces (3 grams)

9. WARRANTY AND SUPPORT

Warranty Information:

The Jebao SLW-30 Wavemaker comes with a **6-Month Limited Warranty** from the date of purchase. This warranty

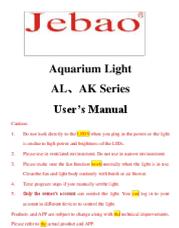
covers manufacturing defects under normal use. It does not cover damage resulting from misuse, neglect, improper installation, unauthorized modifications, or running the pump dry.

Customer Support:

For technical assistance, warranty claims, or replacement parts, please contact your retailer or the authorized Jebao distributor from whom you purchased the product. Please have your proof of purchase and product model number (SLW-30) available when contacting support.

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Related Documents - SLW-30

 <p>Jebao Smart Wave Maker USER'S MANUAL</p> <p>WARNING:</p> <ol style="list-style-type: none"> Do not touch directly to the LED when you plug in the power or the light connection to avoid personal and equipment safety issues. Please do not touch the LED directly when the light is on. Do not touch the LED directly when the light is on. Do not touch the LED directly when the light is on. <p>MCP, MLW, MOW SERIES</p>	<p>Jebao Smart Wave Maker User Manual - Setup, Operation, and Troubleshooting</p> <p>Comprehensive user manual for the Jebao Smart Wave Maker (MCP, MLW, MOW SERIES), covering installation, features, app control via Jebao Aqua, various wave modes, troubleshooting, and maintenance. Learn how to set up and operate your Jebao wave maker for optimal aquarium conditions.</p>
 <p>Jebao Cross-Flow Wave Pump USER'S MANUAL</p> <p>CP-90, CP-120, CP-150</p>	<p>Jebao Cross-Flow Wave Pump User Manual: CP-90, CP-120, CP-150</p> <p>User manual for Jebao Cross-Flow Wave pumps, models CP-90, CP-120, and CP-150. Includes safety instructions, assembly guidance, controller operation, maintenance, and technical specifications.</p>
 <p>Jebao Aquarium Light AL, AK Series User's Manual</p> <p>AL, AK Series</p>	<p>Jebao AL & AK Series Aquarium Light User Manual - Setup, Features, and App Control</p> <p>Comprehensive user manual for Jebao AL and AK Series aquarium lights. Covers product introduction, specifications, installation, Wi-Fi setup, app download and control, modes, and troubleshooting.</p>
 <p>Jebao UV Fountain Pump USER'S MANUAL</p> <p>UFP-1000, UFP-2000</p>	<p>Jebao UV Fountain Pump User Manual</p> <p>User manual for Jebao UFP-1000 and UFP-2000 UV fountain pumps, detailing installation, maintenance, troubleshooting, and safety instructions.</p>
 <p>Jebao MDC Pumpen Bedienungsanleitung</p> <p>MDC-2000, MDC-3500, MDC-5000, MDC-6000, MDC-8000, MDC-10000</p>	<p>Jebao MDC Series Aquarium Pumps User Manual</p> <p>User manual for Jebao MDC series aquarium pumps, detailing features, safety instructions, installation, operation, and technical specifications. Includes models MDC-2000 to MDC-10000.</p>



[Jebao DC Pump User Manual - DCP Series](#)

Comprehensive user manual for Jebao DC Pumps (DCP-2500 to DCP-20000), covering features, operation, maintenance, and troubleshooting.