

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Jebao](#) /

› [Jebao ELW-5M Smart Wave Maker Circulation Pump User Manual](#)

Jebao ELW-5M

Jebao ELW-5M Smart Wave Maker Circulation Pump User Manual

Model: ELW-5M (792 GPH)

INTRODUCTION

The Jebao ELW-5M Smart Wave Maker is designed to create optimal water circulation in aquariums, suitable for both marine and freshwater environments. This pump features SINE wave technology for quiet operation, a 3D rotation angle for adjustable water flow, and can be controlled via Wi-Fi using the Jebao App or a manual controller.

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your ELW-5M wave maker.

SAFETY WARNINGS

- To ensure performance, do not run the pump dry.
- Keep the controller at a dry place. Avoid water splashing on it.
- Do not disassemble the magnet base. When mounting, ensure the magnet is placed against the outer side of the tank to prevent it from falling.
- Do not disassemble the controller or adapter without professional guidance.
- If the product and APP are changed with the progress of technology, please refer to the actual product and APP for the latest information.



Image: All components of the Jebao ELW-5M Smart Wave Maker, including the pump, controller, AC adapter, and a user manual with safety warnings.

PRODUCT COMPONENTS

The Jebao ELW-5M Smart Wave Maker package includes the following items:

- ELW-5M Wave Maker Pump
- Smart Controller with LCD display
- Magnetic Base for tank attachment
- AC Power Adapter (DC 12V 7.5W 60Hz US plug)
- User Manual



Image: The Jebao ELW-5M Smart Wave Maker pump next to its product packaging, showing the model number and "Smart Wave Maker" branding.

SETUP INSTRUCTIONS

1. Pump Placement:

Position the wave maker pump inside your aquarium. Use the magnetic base to secure it to the tank wall. Ensure the external magnet is placed directly opposite the internal pump magnet on the outside of the glass. The pump allows for a 3D rotation angle to adjust the output water direction.



Image: Side profile of the ELW-5M pump, illustrating its compact form factor suitable for various tank sizes.

2. Controller Connection:

Connect the pump cable to the smart controller. Ensure the connection is secure. Keep the controller in a dry location, away from water splashes.

3. Power Connection:

Connect the AC power adapter to the smart controller, then plug the adapter into a standard wall outlet. The pump is DC powered and designed for plug-and-play operation.

4. Wi-Fi Setup (Optional):

For Wi-Fi control, download the Jebao App on your smartphone (available for iOS and Android). Follow the in-app instructions to connect the controller to your home Wi-Fi network. This enables advanced control and scheduling features.

OPERATING INSTRUCTIONS

The ELW-5M wave maker offers both manual and Wi-Fi control options for flexible operation.

Manual Control

Use the buttons and LCD display on the smart controller to adjust pump settings. Refer to the controller's specific interface for mode selection, flow rate adjustments, and other parameters. The SINE wave technology ensures ultra-quiet and stable performance.

Wi-Fi Control (Jebao App)

Once connected to Wi-Fi, the Jebao App provides comprehensive control over your wave maker. Features typically include:

- Real-time monitoring of pump status.
- Multiple wave modes and flow patterns.
- Customizable schedules and timers.
- Adjustable flow intensity.

Always refer to the latest version of the Jebao App for detailed instructions on its features and functionality.



Image: Detailed view of the ELW-5M pump's impeller, designed for efficient and quiet water movement.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your wave maker.

- **Cleaning:** Periodically remove the pump from the aquarium and clean any algae or debris accumulated on the impeller and housing. Use a soft brush and aquarium-safe cleaning solutions if necessary. Rinse thoroughly with clean water before reinstallation.
- **Impeller Inspection:** Check the impeller for any signs of wear or damage. A damaged impeller can lead to reduced performance or increased noise.
- **Magnetic Base:** Ensure the magnetic base remains clean and free of debris to maintain a strong grip on the tank wall.
- **Avoid Dry Running:** As a critical safety warning, never operate the pump out of water. Running the pump dry can cause severe damage to the motor.
- **No Exposed Copper:** The pump is designed with no exposed copper elements, making it safe for both marine and freshwater environments without risk of copper leaching.



Image: An angled view of the ELW-5M pump, showing the design of its protective grille which prevents larger debris from entering the impeller.

TROUBLESHOOTING

If you encounter issues with your ELW-5M wave maker, refer to the following common troubleshooting steps:

- **Pump Not Starting/No Flow:**

- Check if the power adapter is securely plugged into both the controller and the wall outlet.
- Ensure the pump cable is firmly connected to the controller.
- Inspect the impeller for any obstructions (e.g., debris, sand) that might be preventing it from spinning. Clean if necessary.
- Verify the pump is submerged in water and not running dry.

- **Reduced Flow/Unusual Noise:**

- Clean the impeller and pump housing thoroughly to remove any buildup.
- Check for any foreign objects lodged in the pump.
- Ensure the pump is securely mounted and not vibrating against the tank glass.

- **Wi-Fi Connectivity Issues:**

- Ensure your smartphone is connected to a 2.4GHz Wi-Fi network during the setup process, as 5GHz networks may not be supported.
- Restart your Wi-Fi router and the wave maker controller.

- Ensure the controller is within range of your Wi-Fi router.
- Refer to the Jebao App's help section or the latest app instructions for specific Wi-Fi troubleshooting steps.

- **Magnetic Base Not Holding:**

- Ensure both the internal and external magnets are clean and free of algae or debris.
- Verify the tank glass thickness is within the recommended range for the magnetic base.
- Ensure the external magnet is directly aligned with the internal pump magnet.

If issues persist, and you have followed all troubleshooting steps, contact Jebao customer support for further assistance. Note that product and app functionalities may be updated; always refer to the latest information.

SPECIFICATIONS

Model	ELW-5M
Max Flow Rate	792 GPH (Gallons Per Hour)
Power Input	AC 100-240V, 50/60Hz (Adapter)
Pump Voltage	DC 12V
Power Consumption	7.5W
Recommended Tank Size	20-30 Gallons
Dimensions (Pump, no magnet)	2-1/4" diameter x 1-1/4"
Control Method	Wi-Fi (iOS/Android App) + Manual Controller
Technology	SINE Wave Technology for quiet operation
Material	Plastic, Polypropylene (PP)
Suitability	Marine and Freshwater Aquariums



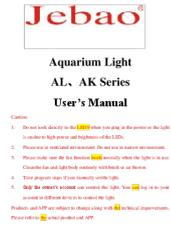
Image: The back of the ELW-5M pump, displaying its model and power specifications.

ADDITIONAL INFORMATION

For the most up-to-date information, including app updates and advanced features, please refer to the official Jebao website or the Jebao App.

© 2023 Jebao. All rights reserved.

Related Documents - ELW-5M

 <p>Jebao Smart Wave Maker USER'S MANUAL</p> <p>WARNINGS</p> <ol style="list-style-type: none"> 1. Do not touch the motor. It will get very hot when it is running. 2. Do not touch the motor when it is running. It will get very hot when it is running. 3. Do not touch the motor when it is running. It will get very hot when it is running. 4. Do not touch the motor when it is running. It will get very hot when it is running. <p>MCP, MUV, 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>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>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>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 DC Pump USER'S MANUAL</p>	<p>Jebao DC Pump User Manual - DCP Series</p> <p>Comprehensive user manual for Jebao DC Pumps (DCP-2500 to DCP-20000), covering features, operation, maintenance, and troubleshooting.</p>
 <p>Jebao Smart DC Pump USER MANUAL</p> <p>MDP Series MDP-2500, MDP-3000, MDP-3500, MDP-4000, MDP-4500, MDP-5000, MDP-5500, MDP-6000, MDP-6500</p>	<p>Jebao Smart DC Pump User Manual - MDP Series</p> <p>Comprehensive user manual for Jebao Smart DC Pumps (MDP Series), covering features, operation, app control, Wi-Fi setup, maintenance, and troubleshooting.</p>