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> [Jecod Jebao DWP Bluetooth Submersible Vario Wave Maker \(DWP-3\) User Manual](#)

Jebao DWP-3

Jecod Jebao DWP Bluetooth Submersible Vario Wave Maker

Model: DWP-3

INTRODUCTION

The Jecod DWP Vario Wave Maker is an advanced submersible pump designed for creating natural wave patterns in both saltwater and freshwater aquariums. Featuring onboard Bluetooth control, it allows for easy setup and programming via a dedicated mobile application. The unit incorporates automatic power-off protection in the event of no water, ensuring safe operation. This manual provides detailed instructions for the proper installation, operation, and maintenance of your DWP-3 wave maker.



KEY FEATURES

- **Bluetooth Connection APP Control:** Seamlessly control and program the wave maker using a dedicated application on your iOS or Android device.
- **Manual and APP Control System:** Offers flexibility with both manual adjustments and comprehensive app-based programming.
- **Visual LCD Display:** The controller features an LCD display for clear status indication and settings.
- **3D Big Rotation Angle:** Allows for adjustment of the output water direction in multiple dimensions to optimize wave patterns.
- **Four-Pole Super Quiet Motor:** Designed for silent operation, minimizing disturbance to your aquatic environment.
- **Master and Slave Mode Wireless Control:** Enables synchronization and coordinated operation of multiple DWP pumps.
- **Automatic Power-Off Protection:** The unit automatically shuts down if no water is detected, preventing dry running and damage.
- **Suitable for Saltwater and Freshwater Use:** Versatile design for various aquarium types.

SETUP INSTRUCTIONS

Follow these steps to properly set up your Jecod Jebao DWP-3 Wave Maker:

1. **Unpack Components:** Carefully remove the wave maker, controller, and AC adapter from the packaging. Inspect all components for any signs of damage.
2. **Mount the Wave Maker:**
 - Position the wave maker inside your aquarium, ensuring it is fully submerged.
 - Use the integrated magnetic mount to secure the wave maker to the aquarium glass. Place the external magnet on the outside of the glass, directly opposite the internal magnet. Ensure a firm grip.
 - Adjust the angle of the wave maker to direct water flow as desired. The 3D rotation allows for precise positioning.



Figure 2: Close-up of the DWP-3 Wave Maker, ready for mounting.

3. **Connect the Controller:** Connect the wave maker's cable to the designated port on the controller. Ensure the connection is secure.
4. **Connect Power:** Plug the AC adapter into the controller, then plug the AC adapter into a standard 100V 60Hz US electrical outlet.
5. **Initial Power-On:** The LCD display on the controller should illuminate, indicating power. The pump will perform a brief self-test.

OPERATING INSTRUCTIONS

The DWP-3 Wave Maker can be controlled manually via the controller or through the dedicated mobile application.

Manual Control

The controller allows for basic adjustments:

- **Mode Button:** Press to cycle through different wave modes (e.g., constant flow, pulse mode, random mode). Refer to the controller's LCD display for current mode.
- **Speed/Flow Adjustment:** Use the up/down arrows or rotary knob (if present) to increase or decrease the flow rate.

- **Feed Mode:** Activate feed mode to temporarily pause the pump for feeding. The pump will resume operation after a set time.

APP Control (Bluetooth)

For advanced programming and control, use the Jecod/Jebao DWP app:

1. **Download the App:** Search for the "Jecod" or "Jebao DWP" app on the Apple App Store (for iOS) or Google Play Store (for Android).
2. **Enable Bluetooth:** Ensure Bluetooth is enabled on your mobile device.
3. **Pair with Device:** Open the app and follow the on-screen instructions to search for and pair with your DWP-3 wave maker. The app will typically detect nearby DWP devices automatically.
4. **Configure Settings:**
 - Set desired wave modes and intensity levels.
 - Schedule daily or weekly operation cycles.
 - Configure master/slave modes for multiple pumps (if applicable).
 - Access real-time status and diagnostic information.



Figure 3: The DWP-3 Wave Maker from a side perspective.

MAINTENANCE

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

- **Disconnect Power:** Always unplug the AC adapter from the power outlet before performing any maintenance.

- **Remove from Aquarium:** Carefully detach the wave maker from the aquarium glass.
- **Disassemble (if necessary):** The protective cage can be gently twisted or unclipped to access the impeller.
- **Clean Impeller and Housing:**
 - Rinse the impeller and pump housing with clean water to remove any debris, algae, or mineral deposits.
 - Use a soft brush or cotton swab to clean hard-to-reach areas. For stubborn mineral deposits, a mild vinegar solution can be used, followed by thorough rinsing.



Figure 4: View of the impeller, which should be kept clean.

- **Inspect Components:** Check the power cord for any fraying or damage. Ensure the magnetic mount is

clean and free of scratches that could affect its grip.

- **Reassemble and Reinstall:** Carefully reassemble the wave maker and reinstall it in the aquarium, ensuring all connections are secure before restoring power.

Note: Do not use harsh chemicals or abrasive materials for cleaning, as these can damage the pump components.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump not operating / No power	Power cord not connected Power outlet faulty Controller malfunction	Ensure all connections are secure. Test the outlet with another device. Contact customer support if controller is unresponsive.
Weak or inconsistent flow	Impeller clogged with debris/algae Air trapped in pump Incorrect flow setting	Clean the impeller and pump housing (refer to Maintenance section). Gently shake the pump while submerged to release trapped air. Adjust flow rate via controller or app.
Excessive noise	Impeller obstructed or damaged Pump not securely mounted Air in pump	Clean or inspect impeller for damage. Ensure magnetic mount is firmly attached to the glass. Gently shake the pump to release air.
Bluetooth connection issues	Bluetooth not enabled on device App not updated Interference	Verify Bluetooth is on. Update the app to the latest version. Move closer to the controller; minimize other wireless devices.

SPECIFICATIONS

Model	DWP-3
Manufacturer	Jebao
Power Source	Corded Electric
Input Voltage	DC 12V
Power Consumption	6 Watts
Flow Rate (Approx.)	500L (132 gal) to 3000L (792 gal) per hour
Recommended Tank Size	12-30 gallons
Dimensions (Wave Maker)	2" Dia x 3"L (approx.)
Material	Stainless Steel (internal components/shaft)

Compatibility	Saltwater and Freshwater Aquariums
Included Components	Wave Maker, Controller, AC Adapter



Figure 5: All components included with the DWP-3 Wave Maker.

WARRANTY AND SUPPORT

Jebao products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Jebao website. Keep your purchase receipt as proof of purchase for warranty claims.

For further assistance, please contact Jebao customer support through their official channels.