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› Jebao Jecod DMP Series Smart Bluetooth App Control Cordless Aquarium Wavemaker Pump User Manual

Meki Acua DMP Series

Jebao Jecod DMP Series Smart Bluetooth App Control Cordless Aquarium Wavemaker Pump User Manual

Models: DMP-10, DMP-20, DMP-30, DMP-40, DMP5

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation of your Jebao Jecod DMP Series Smart Bluetooth App Control Cordless Aquarium Wavemaker Pump. Please read this manual thoroughly before installation and use, and retain it for future reference. The DMP series wavemakers are designed to create natural-like water currents in both freshwater and saltwater aquariums, promoting better oxygenation and nutrient distribution.

2. SAFETY INSTRUCTIONS

- Always disconnect power to the pump before performing any maintenance or cleaning.
- Ensure your hands are dry when handling the power adapter.
- Do not operate the pump if the power cord or plug is damaged.
- This product is designed for indoor aquarium use only.
- Keep out of reach of children.
- Do not attempt to modify or repair the pump yourself. Refer to qualified service personnel.
- Ensure the pump is fully submerged in water during operation to prevent overheating.

3. PACKAGE CONTENTS

Upon opening the package, please verify that all components are present and undamaged:

- Jebao Jecod DMP Series Wavemaker Pump Body
- Power Adapter
- User Manual (this document)

4. PRODUCT FEATURES

- **Smart Bluetooth & App Control:** Adjust flow rate, wave patterns, and operating modes via a dedicated smartphone application.
- **Cordless & Portable Design:** Facilitates easy installation, repositioning, and cleaning without internal aquarium wiring.
- **Versatile Application:** Suitable for both freshwater and saltwater aquariums.
- **Multiple Models:** Available in DMP-10, DMP-20, DMP-30, DMP-40, and DMP5 to accommodate various tank sizes and flow requirements.
- **Durable Construction:** Built with high-quality materials for reliable and long-lasting performance.

5. INSTALLATION

Follow these steps for proper installation of your wavemaker pump:

1. **Positioning:** Select a location in your aquarium that allows for optimal water circulation. Avoid placing the pump directly against the glass or too close to the substrate to prevent sand or debris intake.
2. **Mounting:** The wavemaker features a magnetic mounting system. Place the pump inside the aquarium and align the external magnet on the outside of the glass. Ensure a secure grip.
3. **Cordless Design Benefit:** The cordless design means no wires are inside the aquarium, reducing visual clutter and eliminating the risk of electrical discharge within the water column. This also simplifies installation, relocation, and cleaning.

Tool-free disassembly for easy maintenance



Image: The cordless wavemaker pump mounted on the side of an aquarium glass, illustrating its placement and the absence of internal wires.

Jecod®

DMP Smart Wave Maker



Cordless
Safe & Quiet

Image: An illustration of the Jecod DMP Smart Wave Maker, highlighting its cordless design for safe and quiet operation.

6. OPERATION

The Jebao Jecod DMP Series Wavemaker is controlled via a dedicated smartphone application using Bluetooth connectivity.

1. **Download the App:** Search for the 'Jebao Jecod' or 'Jecod' app in your smartphone's app store (iOS or Android).
2. **Pairing:** Enable Bluetooth on your smartphone. Open the app and follow the on-screen instructions to discover and pair with your DMP wavemaker pump.
3. **Control Modes:** The app allows you to select various operating modes and customize settings:
 - **Constant Mode:** Runs at a uniform, constant speed.
 - **Classic Mode:** Generates uniform high and low flow patterns.
 - **Sine Mode:** Creates a smooth, changing flow movement.
 - **Random Mode:** Produces a randomized flow movement.
 - **Feed Mode:** Temporarily pauses the pump for feeding, allowing food to settle without being immediately dispersed.

4. **Programming:** Utilize the app's programming features to set schedules for different modes and flow intensities throughout the day.
5. **Multi-device Operation:** The app supports controlling multiple DMP wavemakers simultaneously, allowing for complex flow patterns in larger aquariums.

Different wave modes, App programmed

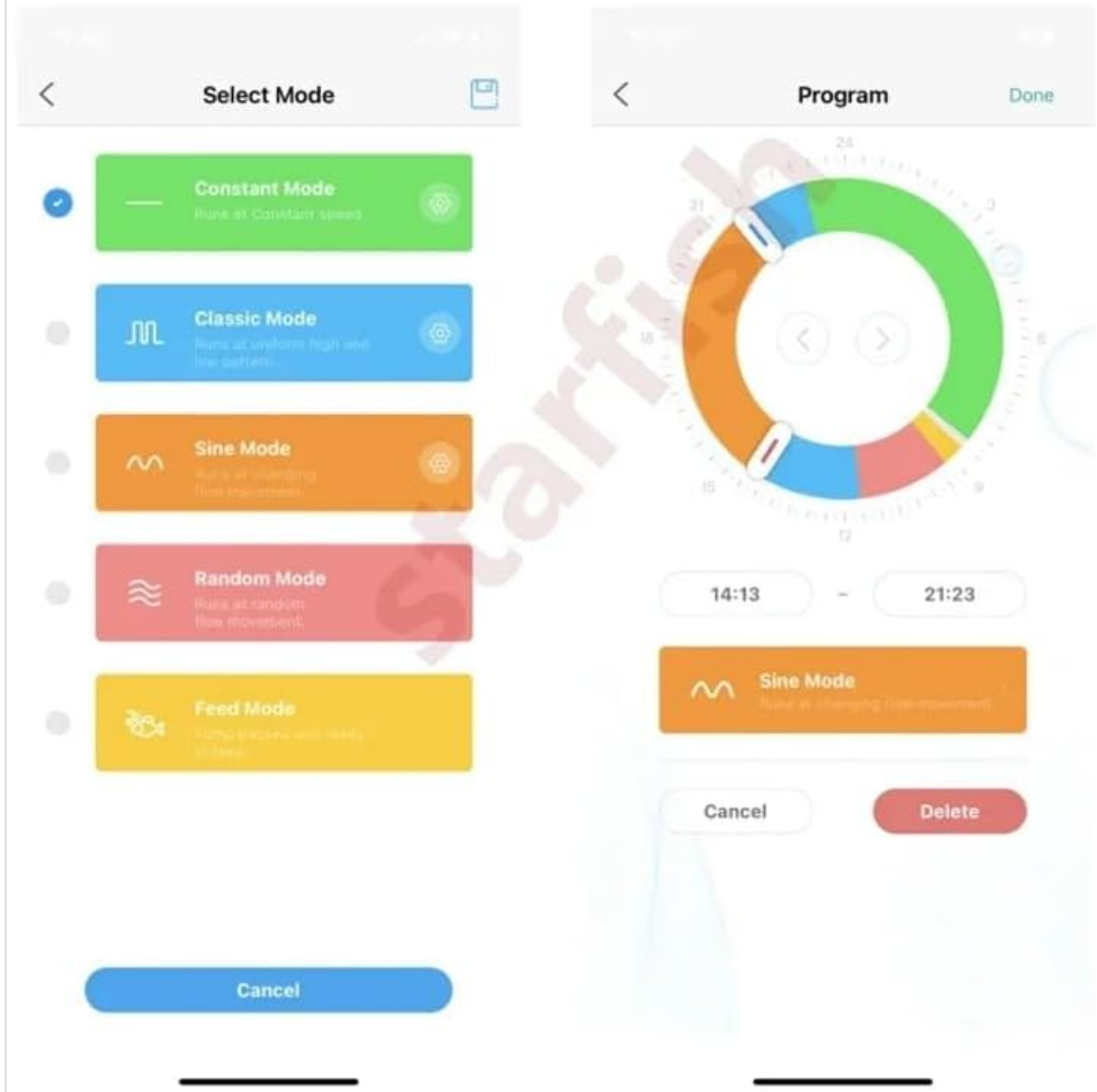


Image: Screenshots of the Jebao Jecod control app, displaying options for selecting various wave modes (Constant, Classic, Sine, Random, Feed) and a programming interface for scheduling.

Multi-device Operation



Image: A diagram illustrating how multiple DMP wavemaker units can be operated and controlled from a single device, indicating compatibility across different models.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your wavemaker pump.

1. **Disassembly:** The DMP wavemaker features tool-free disassembly for easy cleaning. Gently separate the pump components as shown in the diagram below.
2. **Cleaning:** Rinse all components with clean water. Use a soft brush to remove any algae, debris, or calcium buildup from the impeller and pump housing. For stubborn deposits, a mild vinegar solution can be used, followed by thorough rinsing.
3. **Reassembly:** Ensure all parts are clean and dry before reassembling. Align the components carefully and snap them back into place.
4. **Frequency:** Perform cleaning every 2-4 weeks, or more frequently if you notice reduced flow or increased noise.



Model	Voltage	Power	Qmax	Dimension	For Tank Size	Glass Thickness
DMP-10	DC 24V	10W	5000L/H	Φ55x45mm	<60cm	3-15 mm
DMP-20	DC 24V	15W	9000L/H	Φ61x51mm	30-80cm	6-18 mm
DMP-30	DC 24V	25W	15000L/H	Φ73x55mm	60-110cm	6-19 mm
DMP-40	DC 24V	30W	20000L/H	Φ78x60mm	100-150cm	8-21 mm

Image: An exploded view of the wavemaker pump, demonstrating its tool-free disassembly into three main components (grille, impeller assembly, and motor housing) for easy maintenance and cleaning.

8. TROUBLESHOOTING

If you encounter issues with your wavemaker, refer to the following common problems and solutions:

- **Pump Not Starting:**

- Check if the power adapter is securely connected to both the pump and the power outlet.
- Ensure the power outlet is functional.
- Verify that the pump is properly paired with the app and not in a paused or off state.

- **Reduced Flow or Unusual Noise:**

- The impeller or pump housing may be obstructed by debris, algae, or calcium buildup. Disassemble and clean the pump thoroughly.
- Ensure the pump is fully submerged in water.
- Check for any damage to the impeller or motor.

- **App Connectivity Issues:**

- Ensure Bluetooth is enabled on your smartphone.
- Move your smartphone closer to the wavemaker.

- Restart the app or your smartphone.
- If issues persist, try unpairing and re-pairing the device in the app.

If these steps do not resolve the issue, please contact customer support.

9. SPECIFICATIONS

The Jebao Jecod DMP Series Wavemaker Pumps are available in several models, each with specific performance characteristics:

Cordless design, No wires in the aquarium

- No distractions from the beauty of the tank and its inhabitants
- No unwanted heat added to the water column
- No risk of electrical discharge harming people or marine life
- No hassle when it comes to installing, relocating or cleaning the power head



Image: A detailed table outlining the specifications for DMP-10, DMP-20, DMP-30, and DMP-40 models, including Voltage, Power, Qmax (Maximum Flow Rate), Dimensions, Recommended Tank Size, and Glass Thickness compatibility.

DMP Series Model Specifications

Model	Voltage	Power	Qmax (Flow Rate)	Dimension (Diameter x Length)	For Tank Size	Glass Thickness
DMP-10	DC 24V	10W	5000 L/H	Φ55x45mm	<60cm	3-15 mm
DMP-20	DC 24V	15W	9000 L/H	Φ61x51mm	30-80cm	6-18 mm
DMP-30	DC 24V	25W	15000 L/H	Φ73x55mm	60-110cm	6-19 mm
DMP-40	DC 24V	30W	20000 L/H	Φ78x60mm	100-150cm	8-21 mm

Model	Voltage	Power	Qmax (Flow Rate)	Dimension (Diameter x Length)	For Tank Size	Glass Thickness
DMP5	DC 24V	8W	4000 L/H	Φ61x95mm	≤60cm	≤15mm



Power: 8W

Voltage: DC 24V

Qmax: 4000L/H

Dimension: Φ61x95mm

For Tank: ≤60cm

Glass Thickness: ≤15mm

DMP-5

Image: A close-up view of the DMP-5 wavemaker model, accompanied by its specific technical details including Power (8W), Voltage (DC 24V), Qmax (4000 L/H), Dimensions (Φ61x95mm), recommended Tank Size (≤60cm), and Glass Thickness (≤15mm).

10. WARRANTY AND SUPPORT

This product is manufactured by Jebao. For warranty information and technical support, please refer to the documentation provided with your purchase or contact your retailer. Keep your proof of purchase for any warranty claims.

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