

## Jebao DCW-70

# Jebao Jecod DCW-70 Bluetooth Submersible Vario Cross Flow Wave Maker Pump User Manual

Model: DCW-70

## 1. INTRODUCTION

The Jebao Jecod DCW-70 is a Bluetooth-enabled submersible Vario Cross Flow Wave Maker Pump designed for creating natural water movement in aquariums. It is suitable for both saltwater and freshwater environments and features an automatic power-off protection system when no water is detected. Control is available via a manual controller and a dedicated mobile application.

## 2. SAFETY INSTRUCTIONS

- Always disconnect power before performing any maintenance or installation.
- Ensure the pump is fully submerged in water during operation to prevent damage.
- Do not operate the pump if the power cord or plug is damaged.
- This appliance is designed for indoor use only.
- Keep out of reach of children.
- The maximum water temperature for operation is 35°C (95°F).

## 3. PACKAGE CONTENTS

Verify that all components are present in the package:

- DCW-70 Wave Maker Pump
- Controller
- Power Adapter (DC 24V)
- User Manual



Image: The DCW-70 wave maker pump, its controller, and power adapter, displayed alongside its product packaging.



Image: All included components of the DCW-70 system, including the pump, controller, power adapter, and user manual, laid out on a white surface.

## 4. SETUP AND INSTALLATION

1. **Placement:** Position the wave maker pump inside your aquarium. Ensure it is fully submerged and securely attached to the aquarium wall using its magnetic mount or suction cups (if included). The pump features a 3D

rotation angle for adjusting the output water direction.

2. **Connect Controller:** Connect the pump's power cable to the controller.
3. **Connect Power Adapter:** Connect the power adapter to the controller, then plug the adapter into a suitable electrical outlet.
4. **Initial Power On:** Once connected, the pump will power on. Refer to the "Operation" section for initial settings.



Image: A rear view of the DCW-70 pump, showing the power cable connection point and the mounting bracket.



Image: An angled view of the DCW-70 pump, highlighting the central motor housing and the label displaying input/output specifications and model number.

## 5. OPERATION

## 5.1 Manual Control

The included controller features a visual LCD display and buttons for adjusting pump settings. Specific modes and intensity levels can be selected directly from this unit. Refer to the controller's specific instructions for detailed button functions.

## 5.2 Bluetooth App Control

The DCW-70 pump can be controlled via a Bluetooth application on your iOS or Android device. This allows for advanced programming and control of one or multiple pumps.

- Download App:** Search for the "Jebao" or "Jecod" control app in your device's app store (Google Play Store for Android, Apple App Store for iOS).
- Enable Bluetooth:** Ensure Bluetooth is enabled on your mobile device.
- Pair Device:** Open the app and follow the on-screen instructions to discover and pair with your DCW-70 pump.
- Control and Program:** Use the app interface to adjust flow patterns, intensity, and set schedules. The app supports master and slave mode wireless control for multiple units.

## 6. MAINTENANCE

- Regular Cleaning:** Periodically remove the pump from the aquarium and clean any accumulated algae or debris from the impeller and housing. Use a soft brush and clean water.
- Impeller Inspection:** Check the impeller for any signs of wear or damage. Replace if necessary.
- Cable Inspection:** Regularly inspect the power cord for any cuts, fraying, or damage.
- Submersion:** Always ensure the pump is fully submerged during operation to prevent overheating and damage.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump not operating	No power; Impeller jammed; Not submerged	Check power connection; Clean impeller; Ensure full submersion.
Weak flow	Impeller dirty; Obstruction in pump; Incorrect setting	Clean impeller; Remove obstructions; Adjust flow settings via controller or app.
Unusual noise	Debris in impeller; Impeller worn; Not properly mounted	Clean impeller; Inspect and replace impeller if worn; Re-secure pump mounting.
Bluetooth connection issues	Bluetooth off; App not updated; Interference	Ensure Bluetooth is on; Update app; Move closer to pump; Restart device/app.

## 8. SPECIFICATIONS

Model	DCW-70
Dimensions	8.5" x 2.0" x 1.2" (approximate)
Input Voltage	AC 100V-240V, 50/60Hz

Output Voltage	DC 24V
Power Consumption	18W
Flow Rate	925 to 1850 GPH (Gallons Per Hour)
Water Type	Suitable for Saltwater and Freshwater
Max Water Temperature	35°C (95°F)
Control	Manual Controller, Bluetooth App (iOS/Android)

## 9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or contact Jebao customer service directly. Keep your purchase receipt as proof of purchase.  
For further assistance, visit the official Jebao website or contact their support channels.

