Jopix 616P

Jopix Marine 616P VHF Marine Walkie-Talkie

Model: 616P | Brand: Jopix

Introduction

The Jopix Marine 616P is a reliable and high-quality VHF marine walkie-talkie designed for communication in marine environments. It offers multiple functions and a robust design, ensuring connectivity and preparedness for various situations on the water. This manual provides essential information for the proper setup, operation, and maintenance of your device.

Safety Information

Please read all safety instructions carefully before using the device. Failure to follow these instructions may result in injury or damage to the product.

- Do not expose the device to extreme temperatures or direct sunlight for prolonged periods.
- Ensure the battery is correctly installed and charged using the provided charger.
- Do not attempt to disassemble or modify the device. Refer all servicing to qualified personnel.
- Keep the device away from strong magnetic fields.
- Always ensure the antenna is securely attached before operation.
- While the device is IP67 water-resistant and floats, avoid intentional submersion beyond its rated depth and duration.

Package Contents

Verify that all items are present in the package:

- Jopix Marine 616P VHF Marine Walkie-Talkie Unit
- Antenna
- Rechargeable Li-Ion Battery (7.4V / 1800 mAh)
- Desktop Charger Cradle
- AC Power Adapter for Charger

- Belt Clip
- User Manual (this document)



Image: All components included in the Jopix Marine 616P package, laid out on a white surface. This includes the main radio unit, its antenna, the rechargeable battery, a desktop charging cradle, an AC power adapter, and a belt clip.

Product Overview

Familiarize yourself with the main parts and controls of your Jopix Marine 616P.





Image: Front view of the Jopix Marine 616P, showing the large LCD screen, speaker grille, and control buttons including channel up/down, menu, call, scan, and dual watch.





Image: Back view of the Jopix Marine 616P, highlighting the removable battery compartment and the attached belt clip.

Key Components:

- **Antenna:** For transmitting and receiving radio signals.
- **LCD Display:** Large, backlit screen displaying channel, functions, signal strength, battery level, and channel group (INT, CAN, USA). Customizable in 7 colors.
- **Speaker/Microphone:** Integrated for audio communication.

- **Control Buttons:** Including Power/Volume, Channel Up/Down, Menu, Call, Scan, Dual Watch, and Emergency Channel 16 access.
- **Battery Compartment:** Houses the removable Li-Ion battery.
- **Belt Clip:** For convenient carrying.

Setup

1. Battery Installation and Charging

1. Ensure the device is powered off.
2. Align the battery pack with the battery compartment on the back of the radio.
3. Gently push the battery into place until it clicks securely.
4. To charge, place the radio with the installed battery into the desktop charger cradle.
5. Connect the AC power adapter to the charger cradle and plug it into a power outlet.
6. The charging indicator on the cradle will show the charging status. A full charge typically takes several hours.

2. Antenna Attachment

1. Screw the antenna clockwise onto the antenna connector at the top of the radio until it is finger-tight. Do not overtighten.

3. Initial Power On

1. Press and hold the Power button (usually combined with the Volume knob) until the LCD screen illuminates.
2. Adjust the volume to a comfortable listening level using the Volume knob.

Operating Instructions

1. Channel Selection

The Jopix Marine 616P supports 88 channels across International (INT), USA, and Canadian (CAN) channel groups.

- Use the **Channel Up/Down** buttons to navigate through available channels.
- To switch between channel groups (INT/USA/CAN), refer to the menu options. Typically, this is done via a dedicated button or a menu setting. Consult the on-screen prompts.

2. Transmitting and Receiving

- To transmit, press and hold the **PTT (Push-To-Talk)** button located on the side of the radio. Speak clearly into the microphone.
- Release the PTT button to receive.
- Ensure you are on an appropriate channel for communication.

3. Dual Watch Function

The Dual Watch function allows you to monitor two channels simultaneously, typically Channel 16 (emergency) and another selected channel.

- Press the **DW (Dual Watch)** button to activate this feature. The radio will scan between Channel 16 and your selected working channel.
- Press the DW button again to deactivate.

4. Scanner Function

The scanner function allows you to search for active frequencies within the selected channel group.

- Press the **SCAN** button to initiate scanning. The radio will stop on an active channel.
- To resume scanning, press the SCAN button again or wait for the transmission to end.

5. Weather Channels and Alerts

The Jopix Marine 616P includes 10 dedicated weather channels for real-time weather alerts.

- Access weather channels through the menu or a dedicated weather button (if available).
- The device can provide real-time weather alerts to keep you informed in emergency situations.

6. Emergency Channel 16

Channel 16 is the international distress, safety, and calling frequency. It should be monitored at all times when not communicating on another channel.

- Press the dedicated **16/C** button to quickly switch to Channel 16.
- Use this channel for initial contact or distress calls only.

7. Display Customization

The large LCD display can be customized with 7 different backlight colors.

- Navigate to the display settings in the menu to select your preferred backlight color.
- Adjust screen illumination as needed for optimal visibility.



Image: Multiple Jopix Marine 616P units displayed, each showing a different backlight color on their LCD screens, demonstrating the customizable display feature.

Maintenance

1. Cleaning

- Wipe the radio with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure the charging contacts on the radio and cradle are clean and dry before charging.

2. Battery Care

- To maximize battery life, avoid fully discharging the battery frequently.

- Store the battery in a cool, dry place if not used for extended periods.
- Only use the original Jopix charger and battery.

3. Water Resistance and Floating Design

The Jopix Marine 616P is designed to be IP67 water-resistant and floats, making it ideal for marine activities.

- The IP67 rating means the device is protected from dust and can withstand immersion in water up to 1 meter for up to 30 minutes.
- If the radio falls into water, its floating design ensures it remains on the surface.
- A luminous alert indicator will activate if the equipment comes into contact with water, helping you locate it.
- After exposure to saltwater, rinse the radio thoroughly with fresh water and dry it completely before charging or using.



Image: The Jopix Marine 616P radio floating on the surface of blue water, demonstrating its buoyant design and water resistance.

Troubleshooting

Problem	Possible Cause	Solution
Radio does not power on.	Battery is low or not installed correctly.	Charge the battery fully. Ensure the battery is securely installed.
Cannot transmit or receive.	Incorrect channel selected, antenna loose, or out of range.	Verify channel selection. Ensure antenna is securely attached. Move closer to the other station.
Poor audio quality / Static.	Low signal strength, high noise interference, or squelch setting too high.	Adjust squelch level. Move to an area with better signal. The NCR noise reduction feature should help.
Display is dim or unreadable.	Backlight setting is low or battery is low.	Adjust display illumination settings in the menu. Charge the battery.

Specifications

Feature	Detail

Feature	Detail
Model	Jopix Marine 616P
Frequency Range (Tx)	156.025 MHz – 157.425 MHz
Frequency Range (Rx)	156.050 MHz – 163.275 MHz
Modulation Type	FM (F3E)
Channel Spacing	25 KHz
Antenna Impedance	50 Ohm
Battery Type	Removable Li-Ion Battery
Battery Capacity	7.4V / 1800 mAh
Transmission Power	5 W
Display	1.8" LCD with 7-color backlight
Water Protection Level	IP67 (Dust tight, immersion up to 1m for 30 min)
Special Features	Floating Design, NCR Noise Reduction, Dual Watch, Scanner, Weather Channels, Emergency Alarm, Luminous Water Alert
Dimensions (Package)	28.2 x 13.3 x 11.7 cm
Weight (Product)	640 g

Warranty and Support

For warranty information and technical support, please refer to the official Jopix website or contact your local distributor. Keep your purchase receipt as proof of purchase.
Manufacturer: Pihernz Comunicaciones s.a.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question