

Jopix PNI-CB413

Jopix PNI-CB413 Radio AM/FM

USER MANUAL

INTRODUCTION

Thank you for choosing the Jopix PNI-CB413 portable AM/FM radio. This manual provides essential information for the safe and efficient operation of your device. Please read this manual thoroughly before using the radio and keep it for future reference.

The PNI-CB413 is a versatile portable radio designed for reliable communication, featuring AM/FM transmission, 40 channels, and a robust Li-Ion battery for extended use. Its compact design makes it ideal for various applications.

SAFETY INFORMATION

Always observe the following safety precautions to prevent fire, injury, or damage to the radio:

- Do not open the radio casing. Repairs should only be performed by qualified personnel.
- Do not expose the radio to extreme temperatures, direct sunlight, or excessive moisture.
- Use only the specified battery and charger provided with the device.
- Do not short-circuit the battery terminals.
- Dispose of batteries properly according to local regulations.
- Keep the radio away from medical devices that may be affected by radio frequency energy.
- Avoid using the radio in explosive atmospheres or near flammable materials.

PACKAGE CONTENTS

Verify that all items are present in the package:

- Jopix PNI-CB413 Radio
- User Manual
- Antenna (TNC type)

- Li-Ion 7.4 V 2200 mAh Battery
- Power Adapter/Charger

PRODUCT OVERVIEW

Familiarize yourself with the components of your PNI-CB413 radio.



Figure 1: Front view of the Jopix PNI-CB413 Radio, showing the display, speaker, and control buttons.



Figure 2: Back view of the Jopix PNI-CB413 Radio, highlighting the battery compartment and belt clip.



Figure 3: The Jopix PNI-CB413 Radio alongside its power adapter/charger.



Figure 4: Angled view of the Jopix PNI-CB413 Radio, illustrating the side controls and overall form factor.

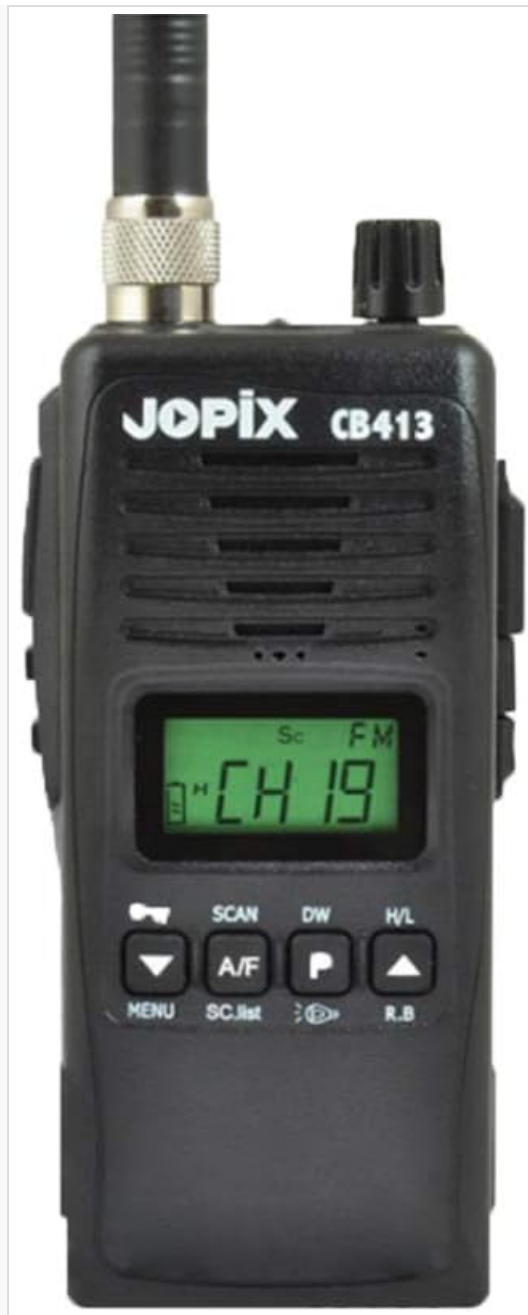


Figure 5: Display showing "CH 19" on the Jopix PNI-CB413 Radio.

Key Components:

- **Antenna:** For transmitting and receiving signals.
- **Display:** Shows channel number, battery status, and other indicators.
- **Speaker:** For audio output.
- **Microphone:** For voice input (integrated).
- **Power/Volume Knob:** Turns the radio on/off and adjusts volume.
- **Channel Up/Down Buttons:** For navigating through channels.
- **Function Buttons:** Including MENU, SCAN, DW (Dual Watch), H/L (High/Low Power), A/F (AM/FM), P (Program), R.B (Roger Beep).
- **Battery Compartment:** Houses the Li-Ion battery.
- **Charging Port:** For connecting the power adapter.

SETUP

1. Battery Installation

1. Ensure the radio is turned off.
2. Locate the battery compartment on the back of the radio (refer to Figure 2).
3. Slide the battery cover latch to open the compartment.
4. Insert the Li-Ion battery, ensuring the contacts align correctly with the radio's terminals.
5. Close the battery cover securely until it clicks into place.

2. Antenna Attachment

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

3. Charging the Battery

1. Connect the power adapter to the charging port on the radio (refer to Figure 3).
2. Plug the power adapter into a standard electrical outlet.
3. The charging indicator on the radio (if present) will illuminate.
4. Charge the battery fully before first use. A full charge typically takes several hours.
5. Unplug the charger once the battery is fully charged.

OPERATING INSTRUCTIONS

1. Power On/Off and Volume Control

- To turn on the radio, rotate the Power/Volume knob clockwise.
- Continue rotating the knob clockwise to increase the volume. Rotate counter-clockwise to decrease volume.
- To turn off the radio, rotate the Power/Volume knob counter-clockwise until it clicks.

2. Channel Selection

- Use the **Up (▲)** and **Down (▼)** buttons to navigate through the 40 available channels.
- The current channel number will be displayed on the screen (refer to Figure 5).

3. AM/FM Mode Selection

- Press the **A/F** button to switch between AM (Amplitude Modulation) and FM (Frequency Modulation) modes. The selected mode will be indicated on the display.

4. High/Low Power Selection (H/L)

- Press the **H/L** button to toggle between high and low emission power settings. High power provides greater range, while low power conserves battery life.

5. Channel Scan (SCAN)

- Press the **SCAN** button to initiate automatic scanning of active channels. The radio will stop on an active channel.
- Press **SCAN** again to resume scanning or press any other button to stop scanning.

6. Dual Watch (DW)

- The **DW** (Dual Watch) function allows you to monitor two channels simultaneously. Consult the full user guide for detailed setup of this feature.

7. Roger Beep (R.B)

- Press the **R.B** button to activate or deactivate the Roger Beep tone, which is transmitted at the end of your transmission to signal that you have finished speaking.

8. Keyboard Lock

- To prevent accidental button presses, activate the keyboard lock function. Typically, this is done by pressing and holding a specific button (e.g., **MENU** or a dedicated lock button) for a few seconds. Refer to the full user guide for the exact key combination.

9. Menu and Programming (MENU, P)

- The **MENU** button accesses various settings and advanced features.
- The **P** (Program) button is used for programming specific functions or memory channels.
- Detailed instructions for navigating the menu and programming features are available in the comprehensive user manual.

MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the radio's exterior. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Store the radio with a partially charged battery if not used for extended periods.
- **Storage:** Store the radio in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Antenna:** Ensure the antenna is securely attached but do not bend or force it, as this can damage the connector.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Radio does not power on.	Battery is discharged or not installed correctly.	Charge the battery. Ensure the battery is correctly inserted and the contacts are clean.
Poor reception or no signal.	Antenna not attached, weak signal area, or incorrect mode (AM/FM).	Ensure antenna is securely attached. Move to an area with better signal. Check if AM/FM mode is appropriate for the signal.
No audio from speaker.	Volume too low, squelch set too high, or speaker malfunction.	Increase volume. Adjust squelch level (if applicable via menu). Test with headphones if available.
Buttons are unresponsive.	Keyboard lock is active.	Deactivate keyboard lock (refer to Operating Instructions).
Battery drains quickly.	High power mode, frequent transmission, or aging battery.	Use low power mode when possible. Reduce transmission time. Consider replacing the battery if it's old.

If the problem persists after trying these solutions, please contact customer support or a qualified service technician.

SPECIFICATIONS

Feature	Detail
Model	PNI-CB413
Transmission Type	AM/FM
Channels	40
Frequency	26.565 - 27.99125 MHz
Audio Speaker Power	0.5W
Emission Power	4 Watts (Hi/Low power selection)
Power Supply	Li-Ion 7.4 V 2200 mAh Battery
Dimensions (L x H x D)	120 x 54 x 35 mm (4.72 x 2.13 x 1.38 inches)
Weight (with battery)	0.250 kg (0.55 lbs / 8.8 oz)
Special Features	Dual clock, Channel search, Keyboard lock, Roger Beep, TOT (Timeout Timer), Battery discharge indicator
Color	Black

WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or contact the retailer from whom you purchased the Jopix PNI-CB413 radio. Warranty terms and conditions may vary by region and seller.

For technical support or service inquiries, please contact your authorized Jopix dealer or the customer support channel provided by your retailer. Keep your purchase receipt as proof of purchase.