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PNI HP62-48

PNI Escort HP 62 CB Radio & PNI Extra 48 Antenna Kit User Manual

MODEL: HP62-48

Brand: PNI

1. Introduction

This manual provides detailed instructions for the PNI Escort HP 62 CB Radio and PNI Extra 48 Antenna kit. This complete solution offers drivers all the functions of a modern transceiver in a compact and efficient design, ensuring reliable communication on the road. The PNI Escort HP 62 is highly accessible and comfortable to use due to its small size, making it ideal for installation in confined spaces within any vehicle.

What's in the Box:

- PNI Escort HP 62 CB Radio
- PNI Extra 48 Antenna with Magnetic Base
- Power Adapter (12V lighter plug)
- User Manual

2. Setup and Installation

The PNI Escort HP 62 CB Radio and PNI Extra 48 Antenna kit is designed for easy setup, allowing you to quickly get your communication system operational.

2.1. CB Radio Installation

The compact size of the PNI Escort HP 62 (73 x 35 x 92 mm without the power adapter) allows for flexible placement within your vehicle, such as in the armrest or other small compartments. Connect the radio to your vehicle's 12V power supply using the included lighter plug adapter.



Image: PNI Escort HP 62 CB Radio connected via its power adapter.

The radio can be used as a mobile station in your car or as a portable station by installing a BNC antenna and batteries (optional accessories, not included in this kit).

2.2. Antenna Installation

The PNI Extra 48 antenna is one of the smallest CB antennas, with a height of only 45 cm. It features a magnetic base for easy mounting on cars, vans, or minibuses. Connect the antenna's 4-meter RG174 cable to the CB radio.



Image: PNI Extra 48 Antenna with its magnetic base and cable.

Ensure the antenna is securely placed on a flat metal surface for optimal performance. The small size of the antenna makes it discreet and easily mistaken for a standard radio antenna.

Setup Video Guide:

▶ **Watch video online**

CB Radio PNI Escort HP 62 and PNI Extra 48 Antenna

Video: This video demonstrates the setup process for the PNI Escort HP 62 CB Radio and PNI Extra 48 Antenna, including connecting the components and placing them in a vehicle. (Duration: 1:56)

3. Operation

The PNI Escort HP 62 is designed for intuitive operation, similar to a walkie-talkie, allowing for one-handed use.

3.1. Display and Controls

The illuminated screen displays the current working mode, active functions (EMG, LOCK, SC, DW), frequency band, selected channel number, and the power of received and transmitted signals. The large display relative to the transceiver's size ensures clear visibility.



Image: A hand holding the PNI Escort HP 62 CB Radio, demonstrating its compact size and visible display.

3.2. Key Functions

- **RF Gain (RFG):** Adjusts receiver sensitivity with 9 levels to optimize signal reception.
- **Automatic Squelch (ASQ):** Features 5 levels of automatic squelch to reduce background noise.
- **Scan (SC):** Scans through channels to find active transmissions.
- **Dual Watch (DW):** Monitors two channels simultaneously.
- **Last Channel Recall (LCR):** Quickly returns to the last used channel.

- **Keypad Lock (LOCK):** Prevents accidental changes to settings.
- **AM/FM Band Selection:** Allows selection between AM and FM modulation modes.
- **Emergency Channel (EMG):** Provides quick access to emergency channels.

The connections for microphone and speaker allow for the use of a 2-pin headset, enabling hands-free communication.

Operation Video Guide:

▶ **Watch video online**
CB Radio PNI Escort HP 62

Video: This video provides a detailed overview of the PNI Escort HP 62 CB Radio's features and operational modes, including channel selection and function adjustments. (Duration: 1:58)

4. Maintenance

To ensure the longevity and optimal performance of your PNI CB radio and antenna kit, follow these general maintenance guidelines:

- Keep the unit clean and free from dust and debris. Use a soft, dry cloth for cleaning.
- Avoid exposing the radio to extreme temperatures or direct sunlight for prolonged periods.
- Ensure all cable connections are secure and free from damage.
- Regularly check the antenna's magnetic base for proper adhesion and clean the mounting surface if necessary.

5. Troubleshooting

If you encounter issues with your PNI Escort HP 62 CB Radio and PNI Extra 48 Antenna kit, consider the following common troubleshooting steps:

- **No Power:** Check the lighter plug connection and ensure it is fully inserted into the vehicle's 12V socket. Verify the vehicle's power outlet is functional.
- **Poor Reception/Transmission:** Ensure the antenna is properly mounted on a metal surface and its cable is securely connected to the radio. Check for any obstructions or interference sources. Adjust the RF Gain and Squelch settings.
- **No Audio:** Verify the volume knob is turned up. If using an external headset, ensure it is properly connected to the 2-pin ports.
- **Keypad Unresponsive:** Check if the Keypad Lock (LOCK) function is activated. Deactivate it if necessary.

For persistent issues, refer to the detailed user manual or contact PNI customer support.

6. Technical Specifications

Feature	Specification
Brand	PNI
Model Number	HP62-48
Item Weight	1.17 pounds (531 Grams)
Product Dimensions	5.51 x 3.15 x 1.57 inches
Country of Origin	China

Feature	Specification
Number of Channels	40
Frequency Range	26.965-27.405 MHz
Talking Range Maximum	15 Kilometers
Tuner Technology	VHF
Voltage	12 Volts
Water Resistance Level	Waterproof
Special Feature	Automatic Squelch
Antenna Height	45 cm (PNI Extra 48)
Antenna Cable Length	4 meters (PNI Extra 48)

7. Warranty Information

The PNI Escort HP 62 CB Radio and PNI Extra 48 Antenna kit comes with a standard **24-month warranty** from the date of purchase.
Additionally, extended protection plans are available for purchase:

- 2-Year Protection Plan
- 3-Year Protection Plan
- Complete Protect (monthly plan covering eligible past and future purchases)

Please retain your proof of purchase for warranty claims. For detailed terms and conditions regarding the warranty and protection plans, refer to the documentation provided at the time of purchase or contact PNI customer support.

8. Support and Resources

For further assistance, additional documentation, or to explore other PNI products, please utilize the following resources:

- **Official User Guide (PDF):** Download User Guide
- **Official User Manual (PDF):** Download User Manual
- **PNI Official Store:** Visit the PNI Store on Amazon for product information and support.

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