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Alinco DJ-PX5B

Alinco DJ-PX5B Ultra-Compact Low Power Transceiver Instruction Manual

Model: DJ-PX5B | Brand: Alinco

INTRODUCTION

This manual provides essential instructions for the safe and efficient use of your Alinco DJ-PX5B Ultra-Compact Low Power Transceiver. Please read this manual thoroughly before operating the device and keep it for future reference. This transceiver is designed for short-range communication in environments such as stores, clinics, and hair salons, offering an ultra-compact and lightweight solution.

Note: Earphones and a charger are required for operation and are sold separately.

PRODUCT OVERVIEW

The Alinco DJ-PX5B is a compact and lightweight low-power transceiver. Below are key components and their functions.



Image: Rear view of the Alinco DJ-PX5B transceiver, showing the battery compartment, belt clip, volume controls (up/down triangles), and power button (orange circle).



Image: Top view of the Alinco DJ-PX5B transceiver, highlighting the earphone/microphone jack and antenna connection point.

SETUP

- 1. Charging the Battery:** The DJ-PX5B uses an internal DC3.7V battery. Connect the transceiver to a compatible charger (sold separately) until fully charged.
- 2. Attaching the Belt Clip:** Secure the included clip (EBC48) to the designated area on the transceiver for convenient carrying.
- 3. Attaching the Strap Holder:** If desired, attach the strap holder (ADHPX5) for additional carrying options.
- 4. Connecting Earphones/Microphone:** Insert compatible earphones and/or microphone (sold separately) into the 3.5mm jack located on the top of the unit.

OPERATING INSTRUCTIONS

Power On/Off

- To power on, press and hold the orange power button until the unit activates.
- To power off, press and hold the orange power button until the unit shuts down.

Volume Adjustment

- Use the **VOL ▲** button to increase the volume.
- Use the **VOL ▼** button to decrease the volume.

Communication Modes

The DJ-PX5B supports two primary communication methods:

- **Simplex (Interchangeable):** Direct communication between two transceivers.
- **Semi-duplex (Relay):** Communication through a repeater for extended range.

The radio wave format used is F3E (FM).

Channel Selection

The transceiver offers multiple channels for communication:

- 9 + 11 channels for simplex communication.
- 9 + 18 channels for relay communication.

Refer to the detailed channel selection procedure in the full user manual for specific instructions.

Transmitting and Receiving

- To transmit, press and hold the PTT (Push-To-Talk) button (if using an external microphone) or the built-in microphone button. Speak clearly into the microphone.
- Release the PTT button to receive.

MAINTENANCE

- **Cleaning:** Wipe the unit with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Care:** Ensure the internal battery is regularly charged. Avoid fully discharging the battery for extended periods to prolong its lifespan.
- **Storage:** Store the transceiver in a cool, dry place away from direct sunlight and extreme temperatures.
- **Water Resistance:** This unit is **not waterproof**. Avoid exposure to water or high humidity.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Battery is discharged.	Charge the internal battery using a compatible charger.
Cannot transmit or receive	Incorrect channel selected or out of range.	Verify channel settings. Move closer to the other transceiver or repeater.
Low or distorted audio	Volume too low, earphone/microphone connection loose, or interference.	Adjust volume. Re-seat earphone/microphone. Move away from sources of interference.
Short communication range	Obstructions (walls, buildings) or operating in a low-power area.	Move to an open area. Ensure no large obstructions are between units.

SPECIFICATIONS

Feature	Detail
Brand	Alinco

Feature	Detail
Model Number	DJ-PX5B
Color	Black
Communication Method	Simplex (Interchangeable) / Semi-duplex (Relay)
Radio Wave Format	F3E (FM)
Rated Voltage	DC3.7V (Internal Battery)
Transmit Output	10mW
Channels	47 (9+11ch simplex, 9+18ch relay)
External Dimensions (W×H×D)	41.6mm × 52.6mm × 17.2mm (excluding protrusions)
Weight (Main unit with internal battery)	44g
Weight (Including internal battery & clip)	50g
Batteries	1 Lithium Ion battery (included, internal)
Water Resistance	Not waterproof
Included Accessories	Clip (EBC48), Strap holder (ADHPX5)

WARRANTY AND SUPPORT

Specific warranty information and detailed support contacts are not provided in the available product data. Please refer to the official Alinco website or contact your retailer for warranty details and customer support inquiries.

For further assistance, you may visit the [Alinco Brand Store on Amazon.co.jp](#).