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› (2PCS) PB-42 Battery PB-42L [2025 New Version] for Kenwood TH-F6 TH-F6A TH-F7 TH-F7E TH-F7A TH-F7E PB-42Li PB-42XL Battery User Manual

LIENIAO PB-42/PB-42L/PB-42Li

Instruction Manual: LIENIAO PB-42/PB-42L/PB-42Li Replacement Battery

Model: PB-42/PB-42L/PB-42Li | Brand: LIENIAO

PRODUCT OVERVIEW

This manual provides essential information for the safe and effective use of your LIENIAO PB-42/PB-42L/PB-42Li replacement battery. Designed for compatibility with various Kenwood two-way radios, this battery offers reliable power with built-in protection features.



Image: Top view of the LIENIAO PB-42L replacement battery, highlighting the caution labels, model number, and battery specifications such as Li-ion, DC 7.4V, and 2000mAh capacity. The reverse side of the battery is also visible.

COMPATIBILITY

The PB-42/PB-42L/PB-42Li battery is compatible with the following Kenwood two-way radio models:

- Kenwood TH-F6
- Kenwood TH-F6A
- Kenwood TH-F7
- Kenwood TH-F7E
- Kenwood TH-F7A
- Kenwood TH-FTE
- Replaces PB-42Li, PB-42XL, PB-42 batteries

Compatible Battery Model:

PB-42L PB-42XL



Image: A visual representation of the PB-42L battery, explicitly stating its compatibility with PB-42L and PB-42XL models, confirming its use as a replacement battery.

SETUP AND INITIAL USE

Battery Installation

To install the battery, align it with the battery compartment of your compatible Kenwood radio and gently slide it into place until it clicks securely. Refer to your radio's specific user manual for detailed installation instructions.

Initial Charging

For optimal battery life and performance, it is highly recommended to fully drain and fully charge the battery, especially during the first three charging and discharging cycles. Use only specified chargers for the PB-42 series batteries.

- **First Use:** Fully charge the battery before its first use.
- **Cycle Optimization:** Perform 3 full charge/discharge cycles to condition the battery.
- **Charging Temperature:** Charge within the temperature range of 5°C to 40°C (41°F to 104°F).

OPERATING INSTRUCTIONS

Once installed and charged, the battery powers your Kenwood two-way radio. The battery is designed with a built-in microchip to prevent overcharging, over-discharging, short-circuiting, and overheating, ensuring safe operation.

For specific operational details of your radio, such as power-on, channel selection, and transmission, please consult the user manual provided with your Kenwood two-way radio.

MAINTENANCE AND SAFETY

General Maintenance

- Keep the battery terminals clean and dry.
- Store the battery in a cool, dry place when not in use.
- Avoid exposing the battery to extreme temperatures or direct sunlight.

Safety Precautions

Adhere to the following safety guidelines to prevent damage, injury, or fire:

- **DO NOT DISASSEMBLE:** Attempting to disassemble the battery can lead to severe damage or injury.
- **DO NOT DISPOSE OF IN FIRE:** Batteries can explode or ignite if disposed of in fire.
- **DO NOT CHANGE OR CHARGE BATTERY IN HAZARDOUS LOCATIONS:** Only charge in safe, designated areas.
- **DO NOT SHORT-CIRCUIT THE TERMINALS:** Avoid contact between the terminals and metal objects.
- **USE BATTERY WITH ONLY SPECIFIED CHARGERS:** Using unauthorized chargers can damage the battery and pose safety risks.

Recycling

This Li-ion battery is recyclable. Please dispose of it responsibly at an authorized recycling facility. Do not dispose of with household waste. Look for the "Recycle" symbol with the 1.800.822.8837 number, indicating RBRC certification.

TROUBLESHOOTING

If you encounter issues with your battery, consider the following common solutions:

- **Battery Not Charging:** Ensure the charger is properly connected and functioning. Verify the battery terminals are clean.

- **Short Battery Life:** Ensure you have completed the initial 3 full charge/discharge cycles. Avoid extreme temperatures during use and storage.
- **Battery Not Fitting:** Double-check that your radio model is listed under the compatible models section.

If problems persist, please contact customer service for assistance.

SPECIFICATIONS

Model Number:	PB-42/PB-42L/PB-42Li
Battery Type:	Lithium Ion (Li-ion)
Voltage:	DC 7.4V
Capacity:	2000mAh
Item Weight:	6.2 ounces
Package Dimensions:	6.3 x 5.12 x 0.98 inches
Manufacturer:	LIENIAO
Date First Available:	July 5, 2023



Image: A visual representation of the PB-42L rechargeable Li-ion battery, clearly indicating its key electrical specifications: 7.4V Battery Voltage and 2000mAh Battery Capacity.

WARRANTY AND SUPPORT

LIENIAO is committed to customer satisfaction. If you have any questions, concerns, or require assistance with your PB-42/PB-42L/PB-42Li battery, please contact our customer service team. We aim to provide a satisfactory resolution within 24 hours for all quality-related issues.

For contact information, please refer to the seller's details on the platform where the product was purchased.