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› BCXY Replacement Battery for Yaesu FT-811 Series Radios (Model CS-FNB17TW) Instruction Manual

BCXY CS-FNB17TW

BCXY Replacement Battery for Yaesu FT-811 Series Radios (Model CS-FNB17TW)

Instruction Manual

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your BCXY CS-FNB17TW replacement NiMH battery. This battery is designed to be compatible with various Yaesu handheld transceivers. Please read this manual thoroughly before installation and use.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in fire, electric shock, injury, or damage to the product or property.

- Do not disassemble, open, or shred the battery pack.
- Do not expose the battery to heat or fire. Avoid storage in direct sunlight.
- Do not short-circuit the battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by other metal objects.
- Do not expose the battery to mechanical shock.
- In the event of a battery leaking, do not allow the liquid to come into contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.
- Do not use any charger other than that specifically provided for use with the equipment.
- Keep the battery clean and dry.
- Observe the plus (+) and minus (-) marks on the battery and equipment and ensure correct use.
- Keep batteries out of the reach of children.
- Dispose of used batteries promptly and according to local regulations.

3. PACKAGE CONTENTS

Please check the package for the following item:

- 1 x BCXY CS-FNB17TW Replacement NiMH Battery

4. PRODUCT OVERVIEW

The BCXY CS-FNB17TW is a high-quality NiMH replacement battery designed to meet the specifications of original Yaesu batteries. It provides reliable power for your compatible Yaesu handheld transceivers.



This image shows the BCXY replacement NiMH battery, designed for various Yaesu handheld transceivers. The battery features a black casing with connector terminals visible on one side.

Compatible Radio Models:

- Yaesu FT-811, FT-911, FT-73R, FT-33R
- Yaesu FTH-2008, FTH-2010, FTH-7008, FTH-7010
- Yaesu FT-411, FTH-7005, FT-411 Mark II, FTH-2005, FT-470

Compatible Battery Part Numbers:

- FNB-10H, FNB-14H, FNB-14, FNB-17H
- FNB-10, FNB-12, FNB-17, FNB-12H

5. SETUP

Follow these steps to install the battery into your compatible Yaesu radio:

1. Ensure the radio is powered off before attempting battery installation or removal.
2. Locate the battery compartment on the back of your Yaesu radio.
3. If an old battery is present, unlatch or slide the battery release mechanism and carefully remove the old battery.
4. Align the BCXY CS-FNB17TW battery with the battery compartment, ensuring the terminals match

the radio's connectors.

5. Gently slide the battery into place until it clicks or locks securely. Do not force the battery.
6. Verify that the battery is firmly seated and does not wobble.

6. OPERATING

Initial Charging:

For optimal performance, fully charge the battery before its first use. NiMH batteries often benefit from a full charge/discharge cycle initially.

Charging Procedure:

1. Connect your Yaesu radio (with the BCXY battery installed) to its compatible charger.
2. Ensure the charger is plugged into a working power outlet.
3. Observe the charging indicator on your radio or charger. Refer to your radio's manual for specific charging light indications.
4. Allow the battery to charge completely. Charging times may vary depending on the charger and the battery's discharge level.
5. Once fully charged, disconnect the radio from the charger.

Usage:

Operate your radio as usual. The battery provides 12.0V power with a capacity of 1000mAh. Battery life will vary based on radio usage, transmit power, and environmental conditions.

7. MAINTENANCE

Battery Care:

- **Avoid Deep Discharge:** While NiMH batteries are less prone to memory effect than older NiCd batteries, avoiding frequent deep discharges can help prolong their lifespan.
- **Regular Charging:** Charge the battery regularly, but avoid overcharging for extended periods (e.g., leaving it on a charger for weeks).
- **Clean Contacts:** Periodically clean the battery terminals and radio contacts with a dry, clean cloth to ensure good electrical connection.

Storage:

- If storing the battery for an extended period, charge it to approximately 50-70% capacity.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Avoid storing the battery in environments with high humidity.

8. TROUBLESHOOTING

Battery Not Charging:

- **Check Connections:** Ensure the battery is properly seated in the radio and the charger is securely

plugged in.

- **Verify Charger Function:** Test the charger with another known-good battery or device if possible.
- **Clean Contacts:** Dirty battery or radio contacts can prevent charging. Clean them as described in the Maintenance section.
- **Temperature:** Ensure the battery is within the recommended charging temperature range (typically 0°C to 45°C or 32°F to 113°F).

Short Battery Life:

- **Full Charge:** Ensure the battery is being fully charged each time.
- **Radio Settings:** High transmit power settings or continuous transmission will deplete the battery faster.
- **Battery Age:** All rechargeable batteries degrade over time. If the battery is old, its capacity may have diminished.
- **Environmental Factors:** Extreme cold can temporarily reduce battery performance.

Battery Not Fitting:

- **Verify Model:** Double-check that your radio model is listed as compatible with the BCXY CS-FNB17TW battery.
- **Orientation:** Ensure the battery is oriented correctly before attempting to insert it.

9. SPECIFICATIONS

Feature	Specification
Model Number	CS-FNB17TW
Battery Type	NiMH
Voltage	12.0V
Capacity	1000mAh
Watt-Hours (Wh)	12.0Wh
Dimensions	81.0 x 54.0 x 33.0mm (3.19 x 2.13 x 1.3 inches)
Weight	316.3g (11.2 ounces)
Certifications	ISO9001, RoHS, CE, UN38.3, MSDS

10. WARRANTY AND SUPPORT

BCXY batteries are manufactured to strict quality standards and are certified with ISO9001, RoHS, CE, UN38.3, and MSDS for quality assurance and safety. For any questions, technical support, or warranty inquiries, please contact your retailer or the BCXY customer support team through the official BCXY store or contact information provided at the point of purchase.