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> [Yeacomm FNB-80Li / FNB-58Li Series Li-ion Two-Way Radio Battery Instruction Manual](#)

Yeacomm FNB-58 FNB-58Li FNB-80 FNB-80Li

Yeacomm FNB-80Li / FNB-58Li Series Li-ion Two-Way Radio Battery Instruction Manual

Models: FNB-80Li, FNB-58Li, FNB-80, FNB-58

1. PRODUCT OVERVIEW

This manual provides instructions for the Yeacomm FNB-80Li / FNB-58Li series rechargeable Li-ion battery packs. These batteries are designed for use with various Yaesu, Vertex Standard, and Standard Horizon two-way radio models.

Key Features:

- **Battery Type:** Li-ion
- **Nominal Voltage:** 7.4V
- **Nominal Capacity:** 1500mAh
- **Compatibility:** Designed for Yaesu/Vertex/Standard Horizon Radios including VX-5, VX-5R, VX-5RS, VX-6, VX-6R, VX-6E, VX-7R, VX-7RB, VXA-700, VXA-710, HX460, HX460S, HX460SB, HX460SS, HX470, HX470S, HX471, HX471S, HX471SB, HX471SS.
- **Construction:** Environmental-friendly, ultrasonic sealing technology, impact-resistant design, dual protection PCM for short circuit protection.



Image 1.1: Front view of the Yeacomm FNB-80Li Li-ion battery pack, showing the model number, voltage, capacity, and safety warnings printed on the label.

2. SETUP AND INSTALLATION

2.1 Initial Charging

Before first use, fully charge the battery. Use a compatible charger, such as the CD-15A, or the charger supplied with your radio.

1. Ensure the battery is securely attached to the radio (if charging while attached) or placed correctly in the charging cradle.
2. Connect the charger to a power source.
3. Observe the charger's indicator light for charging status. Refer to your radio or charger manual for specific indicator meanings.
4. Allow the battery to charge completely before initial use. This may take several hours.

2.2 Battery Installation/Removal

To install or remove the battery from your compatible two-way radio:

1. Turn off the radio before attempting to install or remove the battery.
2. Align the battery with the battery compartment on the back of the radio.
3. Slide the battery into place, ensuring the contacts align properly. Apply firm, even pressure until the battery clicks into position and the latch (if present on your radio model) secures it.
4. To remove, disengage the battery latch (if applicable) and slide the battery out.



Image 2.1: Bottom view of the battery, showing the metallic charging contacts that connect to the radio or charging cradle.



Image 2.2: Back view of the battery, illustrating the screw points for secure attachment to certain radio models or accessories.

3. OPERATING INSTRUCTIONS

Once the battery is installed and fully charged, your radio is ready for operation.

- **Power On:** Turn on your radio using its power button.
- **Battery Level:** Monitor the battery level indicator on your radio's display.
- **Recharging:** Recharge the battery when the radio indicates a low battery level to ensure uninterrupted operation. Frequent partial discharges and recharges are generally acceptable for Li-ion batteries.
- **Optimal Performance:** For optimal battery life and performance, avoid completely draining the battery before recharging.

4. MAINTENANCE AND SAFETY

4.1 General Maintenance

- **Cleaning:** Clean the battery contacts periodically with a dry, soft cloth to ensure good electrical connection.
- **Storage:** If storing the battery for an extended period, store it in a cool, dry place at approximately 50% charge. Avoid extreme temperatures.
- **Disposal:** Do not dispose of the battery in fire. Follow local regulations for proper disposal of Li-ion batteries.

4.2 Safety Warnings

Observe the following safety precautions to prevent injury or damage:

- **Fire Hazard:** Do not dispose of in fire. Keep the battery away from fire or high heat sources.
- **Disassembly:** Never attempt to disassemble the battery pack.
- **Short Circuit:** Do not directly connect (short circuit) the positive (+) and negative (-) terminals with metal objects.
- **Charging:** Only use specified Lithium-Ion battery chargers. Using an incompatible charger may cause damage or fire.
- **Impact:** Avoid dropping or subjecting the battery to severe impact.
- **Water Exposure:** While the battery features ultrasonic sealing, avoid prolonged exposure to water or moisture.



Image 4.1: Angled view of the battery, clearly showing the safety warnings and specifications printed on the label, including instructions against disposal in fire, disassembly, and short-circuiting.

5. TROUBLESHOOTING

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

- **Battery Not Fitting Properly:**

Ensure the battery is correctly aligned with the radio's compartment. Some compatible batteries may have a slightly tighter fit than original equipment manufacturer (OEM) parts. Apply firm, even pressure. Do not force the battery if it does not align, as this may damage the contacts or casing.

- **Charging Error Message:**

If your radio or charger displays a "charging error," first verify that the battery is seated correctly and the contacts are clean. Ensure you are using a compatible charger. If the error persists, the battery or charger may be faulty. Try charging a known good battery (if available) to isolate the issue.

- **Shortened Operating Time:**

Over time, all rechargeable batteries experience a decrease in capacity. If the battery's operating time has significantly reduced, it may be nearing the end of its lifespan and require replacement. Ensure the battery is fully charged before each use.

- **Battery Not Charging:**

Check the charger connection and power source. Ensure the battery contacts are clean and free of debris. If the issue persists, test with another compatible battery or charger if possible.

If troubleshooting steps do not resolve the issue, contact customer support for further assistance.

6. SPECIFICATIONS

Feature	Specification
Battery Type	Li-Ion battery
Nominal Voltage	7.4V
Nominal Capacity	1500mAh
Compatible OEM Part Numbers	BLI-FNB80 / BZ58LI / FNB-80LI / FNB58
Compatible Charger	CD-15A (or radio-specific charger)
Package Dimensions	3 x 2.8 x 1.1 inches
Item Weight	0.81 ounces
Manufacturer	Yeacomm

7. WARRANTY AND SUPPORT

7.1 Warranty Information

Specific warranty details for this product are not provided in this manual. For information regarding warranty coverage, terms, and conditions, please refer to the product packaging or contact the seller or manufacturer directly.

7.2 Customer Support

For technical assistance, troubleshooting not covered in this manual, or any other product-related inquiries, please contact Yeacomm customer support or the retailer from whom the product was purchased.

Manufacturer: **Yeacomm**

Related Documents - FNB-58 FNB-58Li FNB-80 FNB-80Li

 <p>YAESU 50/144/430 MHz TRIPLE-BAND HEAVY-DUTY SUBMERSIBLE TRANSCEIVER VX-8R OPERATING MANUAL</p>	<p>Yaesu VX-8R Operating Manual: Your Guide to a Rugged Transceiver</p> <p>Discover the features and operation of the Yaesu VX-8R, a triple-band heavy-duty submersible transceiver. This manual covers controls, functions, accessories, and installation for the VX-8R.</p>
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 <p>FT-23R OPERATING MANUAL</p> <p>YAESU MUSEN CO., LTD. 1-1-1, SHIBUYA, TOKYO, JAPAN YAESU U.S.A. 1700 Street 96, Oxnard, CA 93030, U.S.A. YAESU EUROPE B.V. P.O. Box 1, 11000 AA Amsterdam, The Netherlands</p>	<p>Yaesu FT-23R 2m Hand-Held FM Transceiver Operating Manual</p> <p>Comprehensive operating manual for the Yaesu FT-23R, a compact 2-meter amateur band FM transceiver. Covers specifications, controls, accessories, operation, and installation of optional units like the FTS-12 Tone Squelch Unit and FTT-4 DTMF Keypad.</p>
 <p>FT-50R Dual-Band Amateur Hand-Held Transceiver with Digital Voice Recorder Option</p>	<p>Yaesu FT-50R Dual-Band Amateur Hand-Held Transceiver User Manual</p> <p>Comprehensive user manual for the Yaesu FT-50R Dual-Band Amateur Hand-Held Transceiver. Learn about its features, operation, accessories, and specifications.</p>
 <p>Vertex Standard VX-80</p>	<p>Manual do Usuário Vertex Standard VX-80: Guia Completo e Segurança</p> <p>Explore o manual do usuário do rádio Vertex Standard VX-80. Aprenda sobre funções programáveis, operação, segurança RF, manutenção e solução de problemas para seu rádio profissional.</p>
 <p>FT-50R BETJENINGSVEJLEDNING</p> <p>YAESU MUSEN CO., LTD. TOKYO, JAPAN YAESU U.S.A. 1700 STREET 96, OXNARD, CA 93030, U.S.A. YAESU EUROPE B.V. P.O. BOX 1, 11000 AA AMSTERDAM, THE NETHERLANDS</p>	<p>Yaesu FT-50R Betjeningsvejledning: 2-Bånds Håndstation med Digital Båndoptager</p> <p>Komplet betjeningsvejledning for Yaesu FT-50R, en kompakt 2-bånds FM håndstation med op til 5W udgangseffekt. Lær om funktioner som digital båndoptager, DCS, CTCSS, ARTS, DTMF, og batterisparefunktioner. Inkluderer detaljer om tilbehør og betjening.</p>

