DEWALT DXFRS800-BCH6

DEWALT DXFRS800 Series Walkie Talkie Instruction Manual

Model: DXFRS800-BCH6

Introduction

This manual provides comprehensive instructions for the safe and effective use of your DEWALT DXFRS800 Series Walkie Talkies. These heavy-duty FRS 2-Way Radios are designed for reliable communication in demanding environments, offering ultra-clear long-distance reception and rugged durability. Please read this manual thoroughly before operating the device.



Image: Six DEWALT DXFRS800 walkie talkies and their accompanying gang charger, showcasing the complete set.

What's in the Box

Upon unboxing your DEWALT DXFRS800-BCH6 package, you should find the following components:

- 6x DXFRS800 Walkie Talkie Two Way Radios
- 6x Li-Polymer Batteries
- 6x Holsters
- 1x Six Port Gang Charger
- 1x AC Adapter
- User Guide (this manual)



Image: A single DEWALT DXFRS800 walkie talkie being placed into a slot on the six-port gang charger, demonstrating the charging setup.

Product Features

- **Ultra-Clear Long Distance Reception:** 2 Watt RF output with a range of 300,000 sq.ft. or up to 25 floors.
- **Rugged Durability:** IP67 rated for water and dust protection, featuring a shock-resistant, anti-slip design capable of withstanding drops up to 2 meters.
- **Secure Talk with Long Runtime:** 22 preset channels and 121 privacy codes to minimize interference. Battery saving technology provides up to 18 hours of continuous use.
- **Versatility:** Supports hands-free VOX operation, vibration alerts, roger beep, and auto squelch.



Image: A hand holding a DEWALT walkie talkie with signal rings emanating from it, illustrating its strong communication range and 2-watt power.



Image: A DEWALT walkie talkie being splashed with water and dust, highlighting its IP67 waterproof and dustproof rating and 2-meter shock resistance.



Image: A DEWALT walkie talkie clipped to a work vest, with an overlay indicating 18 hours of battery runtime, emphasizing its long operational period.

Setup

1. Battery Installation

Each DXFRS800 radio requires one Li-Polymer battery. To install:

1. Ensure the radio is powered off.
2. Locate the battery compartment cover on the back of the radio.
3. Carefully remove the cover.
4. Insert the Li-Polymer battery into the compartment, ensuring the contacts align correctly.
5. Replace the battery compartment cover, ensuring it clicks securely into place to maintain the IP67 seal.



Image: A DEWALT walkie talkie with its battery compartment open, showing the battery and cover removed, illustrating the battery installation process.

2. Initial Charging

Before first use, fully charge the batteries. The DXFRS800 radios offer two charging methods:

- **Using the Six-Port Gang Charger:** Connect the AC adapter to the gang charger and plug it into a power outlet. Place each radio into an available slot on the charger. The charging indicator light on each slot will confirm charging status.
- **Using USB-C:** Connect a USB-C cable (not included with all models) to the USB-C port on the side of the radio and to a compatible USB power source.

A full charge typically takes several hours. The battery indicator on the radio's display will show charging progress.



Image: Two charging methods for DEWALT walkie talkies: a desktop charger for multiple units and a USB-C cable connected directly to a single radio.

Operating Instructions

1. Power On/Off

To power on or off the radio, press and hold the power button (usually located on the top or side) until the display illuminates or turns off.

2. Channel Selection

Your DXFRS800 radio has 22 preset channels. To change channels:

1. Press the **MODE** button to enter channel selection mode.
2. Use the **UP** and **DOWN** arrow buttons to scroll through the available channels.
3. Press the **CALL** button or wait a few seconds for the selection to be confirmed.

3. Privacy Codes (CTCSS/DCS)

To minimize interference from other users on the same channel, you can set privacy codes (121 available). All radios in your group must be set to the same channel and privacy code to communicate.

1. Press the **MODE** button twice to enter privacy code selection mode.
2. Use the **UP** and **DOWN** arrow buttons to select a privacy code.
3. Press the **CALL** button or wait a few seconds to confirm.



Image: Two panels showing the DEWALT walkie talkie display: one for 22 channels and privacy codes, and another illustrating the power saver feature for extended battery life.

4. Transmitting and Receiving

- To transmit, press and hold the **PTT (Push-To-Talk)** button located on the side of the radio. Speak clearly into the microphone.
- Release the **PTT** button to receive.

5. VOX (Voice-Activated Transmission)

The VOX feature allows for hands-free operation. When activated, the radio will transmit automatically when it detects your voice.

1. Consult your radio's on-screen menu or specific button combination (refer to the full user guide for exact steps) to enable VOX.
2. Adjust the VOX sensitivity level as needed to prevent accidental transmissions or missed voice activations.



Image: A construction worker using a DEWALT walkie talkie with VOX hands-free feature, indicated by sound waves, allowing for communication without pressing buttons.

6. Vibration Alerts

The vibration alert feature provides discreet notification of incoming transmissions, useful in noisy environments or when silence is required.

1. Access the radio's menu or settings to enable or disable vibration alerts.



Image: A DEWALT walkie talkie clipped to a person's pants, with concentric circles indicating a vibration alert for incoming transmissions.

Maintenance

- **Cleaning:** Use a soft, damp cloth to clean the radio's exterior. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:** To maximize battery life, avoid fully discharging the batteries regularly. Store radios and batteries in a cool, dry place when not in use for extended periods.
- **Storage:** If storing the radios for a long time, remove the batteries and store them separately.
- **Water and Dust Protection:** While IP67 rated, ensure all ports and covers are securely closed before exposing the radio to water or dust.

Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No Power	Battery not installed correctly or discharged.	Ensure battery is properly seated. Charge the battery fully.
Cannot Transmit or Receive	Incorrect channel or privacy code. Out of range.	Verify all radios are on the same channel and privacy code. Move closer to other radios.
Poor Audio Quality	Low battery. Obstructions. Interference.	Recharge battery. Move to an open area. Change channel or privacy code.
Radio not charging	Charger not connected. Radio not seated correctly in charger.	Check power connection to charger. Ensure radio is fully seated in the charging slot or USB-C cable is connected properly.

If you experience issues not listed here, or if the suggested solutions do not resolve the problem, please refer to the full user guide or contact DEWALT customer support.

Specifications (DXFRS800)

Feature	Detail
Frequency	FRS / UHF / FM (462/467MHz)
Range	300,000 sq.ft. / 25 Floors
Channels	22 Preset
Privacy Codes	121 (38 CTCSS / 83 DCS)
Runtime	Up to 18 Hours (90% Standby / 5% Talk / 5% Listen)
Unit Dimensions (H x D x W)	7.27 x 2.17 x 2.58 inches
Item Weight	6.35 oz (180g) per radio
Speaker/Mic Jack	2.5mm
Battery Capacity	3.7V @ 2,000mAh (7.4 Watt Hours) Li-Polymer
Rechargeable	USB-C
Water Resistance Level	IP67 Waterproof
Shock Resistance	Withstands drops up to 2M

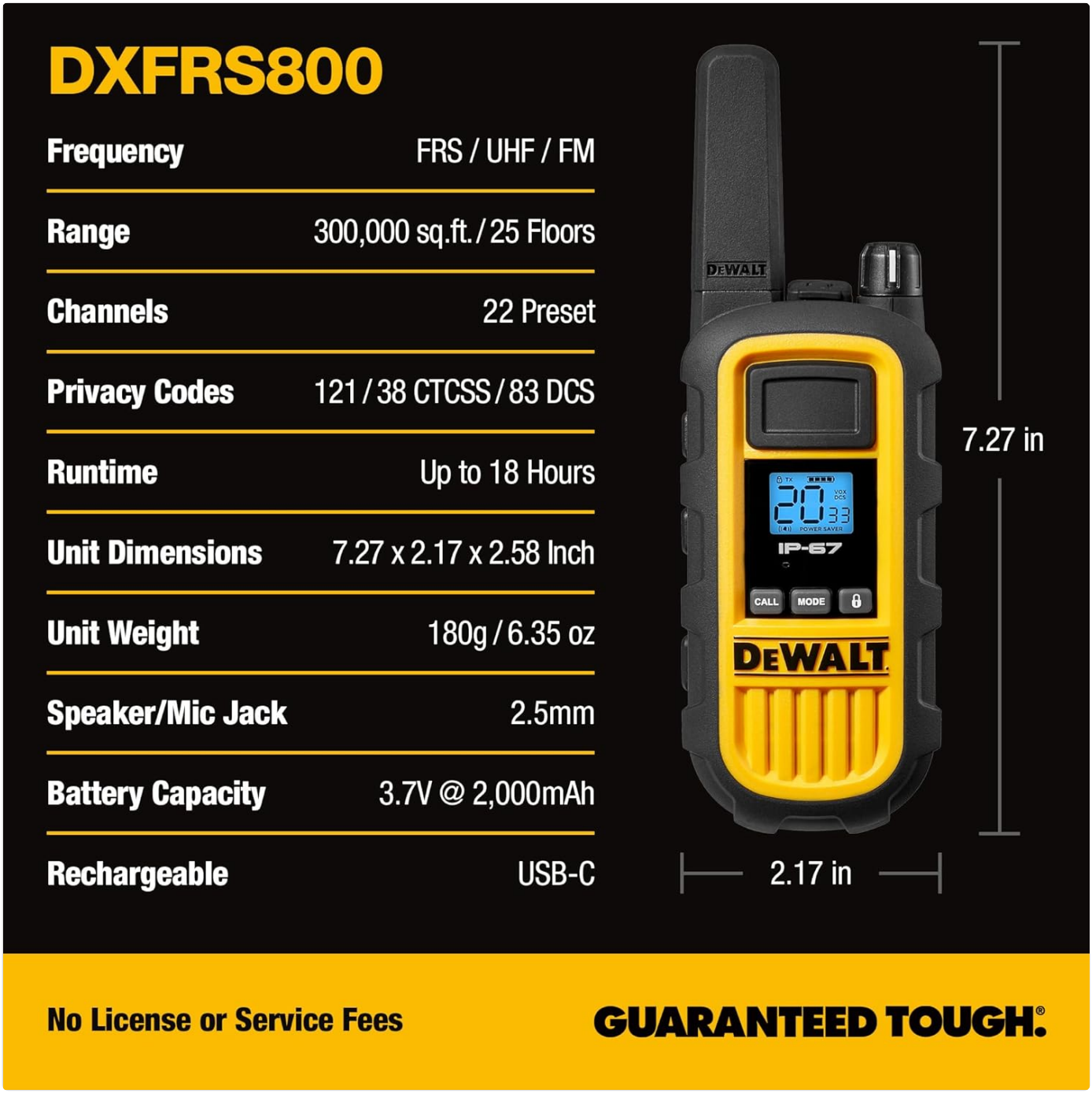


Image: A detailed graphic listing the specifications of the DEWALT DXFRS800 walkie talkie, including frequency, range, channels, and physical dimensions.

Warranty Information

DEWALT offers a Limited Lifetime Warranty for the DXFRS800 series walkie talkies. This warranty pledges to replace any product that is defective in material or workmanship, provided you are the original purchaser.
Please note: This limited lifetime warranty does not cover failures due to abuse, accidental damage, or when repairs have been made or attempted by anyone other than DEWALT Authorized Service Centers. This warranty also does not apply to accessories and consumables.



Image: DEWALT branding with a statement about being trusted by professionals across various industries.



Image: A graphic detailing the "Guaranteed Tough Limited Lifetime Warranty" provided by DEWALT, outlining its terms and conditions.

Support

For further assistance, technical support, or warranty claims, please visit the official DEWALT website or contact their customer service department. Refer to the packaging or the full user guide for specific contact information relevant to your region.

You can also visit the DEWALT Store on Amazon for more product information and accessories.

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Ask a question about this manual

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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