DEWALT DXFRS800

DEWALT DXFRS800 Heavy Duty Walkie Talkies User Manual

Model: DXFRS800 | Brand: DEWALT

Introduction

The DEWALT DXFRS800 2 Watt Heavy Duty Walkie Talkies are designed for robust communication in demanding environments such as jobsites, for contractors, and businesses. These radios offer ultra-clear long-distance reception and are built with rugged durability to withstand various elements. They provide secure, versatile communication and are compatible with convenient accessories to support team operations.

What's in the Box

Your DEWALT DXFRS800 package includes the following components:

- 2x DXFRS800 Walkie Talkie Two Way Radios
- 2x Li-Polymer Batteries
- 2x Holsters
- 1x Dual Port Micro-USB Charger with 2 Dock Adapters
- 1x AC Adapter
- User Guide



Figure 1: Package Contents of the DXFRS800 Walkie Talkie Set.

Features

The DEWALT DXFRS800 walkie talkies are equipped with features designed for professional use:

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



Figure 2: Durability features of the DXFRS800, highlighting its IP67 rating and shock resistance.

Setup

1. Battery Installation

The DXFRS800 walkie talkies come with Li-Polymer batteries. Before first use, ensure the batteries are properly installed.

1. Locate the battery compartment cover on the back of the radio.
2. Carefully remove the cover.
3. Insert the Li-Polymer battery into the compartment, ensuring proper alignment of the contacts.
4. Replace the battery compartment cover, ensuring it clicks securely into place.



Figure 3: Battery installation for the DXFRS800 radio.

2. Charging the Radios

The radios can be charged using the included dual port Micro-USB charger or directly via USB-C.

- **Using the Desktop Charger:** Connect the AC adapter to the dual port charger and plug it into a power outlet. Place the radios into the charging docks. The charging indicator lights will illuminate.
- **Direct USB-C Charging:** Connect a USB-C cable to the radio's USB-C port and to a power source.



Figure 4: Charging the DXFRS800 radios using the dual desktop charger.





Figure 5: Close-up of the dual port USB-C charging dock.

3. Power On/Off

To power on or off the radio, rotate the power/volume knob located at the top of the unit clockwise to turn on, and counter-clockwise until it clicks to turn off.

Operating Instructions

1. Channel Selection

The DXFRS800 features 22 preset channels. To select a channel, use the up and down arrow buttons on the side of the radio. Ensure all radios in your group are set to the same channel for communication.



Figure 6: Display showing selected channel and privacy code.

2. Privacy Codes (CTCSS/DCS)

To minimize interference from other users, you can set privacy codes (121 available). Refer to the full user guide for detailed instructions on setting and changing privacy codes.

3. VOX Hands-Free Operation

The Voice Operated Exchange (VOX) feature allows for hands-free communication. When VOX is enabled, the radio will automatically transmit when it detects your voice, freeing your hands for other tasks.



Figure 7: Hands-free operation with VOX.

4. Vibration Alerts

The radio can provide enhanced vibrating feedback for incoming transmissions, useful in noisy environments or when discretion is required.



Figure 8: Vibration alerts for discreet communication.

5. Communication (Push-to-Talk)

To transmit, press and hold the large Call button on the side of the radio. Speak clearly into the microphone. Release the button to listen for a response.



Figure 9: Proper handling of the radio for communication.

Maintenance

1. Cleaning

To clean your radio, use a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the charging port cover is securely closed to prevent water or dust ingress.

2. Battery Care

To maximize battery life, fully charge the batteries before first use. Avoid completely draining the battery frequently. Store radios in a cool, dry place when not in use for extended periods.

3. Water and Dust Protection

The DXFRS800 is IP67 rated, meaning it is protected from dust ingress and can withstand immersion in water up to 1 meter for 30 minutes. Always ensure all port covers are sealed tightly to maintain this protection.

Troubleshooting

If you experience issues with your DEWALT DXFRS800 walkie talkies, consider the following common solutions:

- **No Power:** Ensure batteries are fully charged and correctly installed. Check the power/volume knob is turned on.
- **Cannot Communicate:** Verify both radios are on the same channel and privacy code. Ensure you are within range. Check battery levels.
- **Poor Audio Quality:** Check for obstructions between radios. Ensure the microphone and speaker are clear of debris. Adjust volume levels.
- **Limited Range:** Obstacles like buildings, hills, or dense foliage can reduce range. Try moving to an open area.

For more detailed troubleshooting or persistent issues, please refer to the complete user guide or contact DEWALT customer support.

Specifications

Feature	Specification
Model Number	DXFRS800
Frequency Range	UHF/FM FRS 462/467MHz
Number of Channels	22
Privacy Codes	121
Talking Range Maximum	300,000 sq.ft (or 25 floors)
Runtime	Up to 18 Hours
Water Resistance Level	IP67 (Waterproof)
Shock Resistance	Withstands drops up to 2M
Battery Type	Li-Polymer (included)
Charging Method	Micro-USB Charger / USB-C
Product Dimensions	2.17 x 2.58 x 7.27 inches
Item Weight	1.83 pounds



Figure 10: Key specifications of the DXFRS800.

Warranty and Support

Limited Lifetime Warranty

DEWALT pledges to replace any product that is defective in material or workmanship as long as you are the original purchaser. 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 does not apply to accessories and consumables.

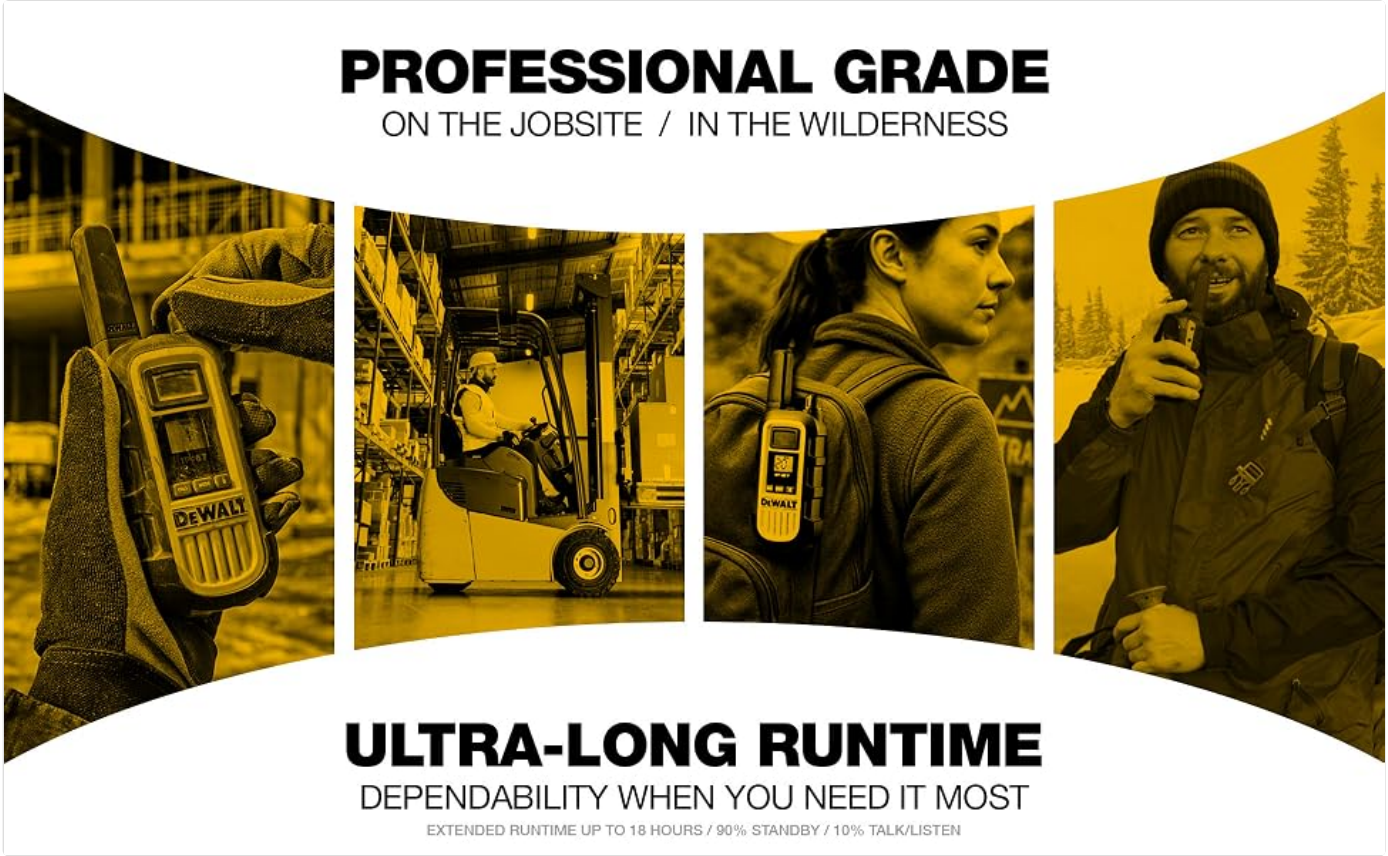


Figure 11: DEWALT Limited Lifetime Warranty information.

Customer Support

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

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For the most up-to-date information, please refer to the official DEWALT website or the included user guide.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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.

Submit question