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Model: T51VP3 | **Brand:** Midland

1. INTRODUCTION AND OVERVIEW

The Midland T51VP3 X-TALKER FRS Two-Way Radio offers reliable, license-free communication with advanced features designed for various outdoor and indoor activities. This manual provides essential information for setting up, operating, and maintaining your radios to ensure optimal performance.

Key features include:

- **22 FRS Channels:** Experience clear, license-free connectivity.
- **38 CTCSS Privacy Codes:** Enhance communication privacy with up to 836 channel options.
- **NOAA Weather Scan + Alert:** Automatically scans for weather alerts and locks onto the strongest weather channel.
- **eVOX Hands-Free Operation:** Easy Voice and Sound Activation Transmission with 3 sensitivity levels for convenient use.
- **Compact and Portable Design:** Lightweight and easy to carry with included belt clips.



Figure 1.1: Two Midland T51VP3 X-TALKER Two-Way Radios. These radios are designed for clear and reliable communication.

2. WHAT'S IN THE BOX

Your Midland T51VP3 X-TALKER package includes the following components:

- Two Midland T51VP3 X-TALKER Radios
- Two Rechargeable Battery Packs
- One Desktop Charger
- One Micro USB Charging Cable
- Two Belt Clips

- Owner's Manual (this document)



Figure 2.1: All components included in the Midland T51VP3 X-TALKER package.

3. SETUP

3.1. Battery Installation

The T51VP3 radios use rechargeable battery packs. To install:

1. Ensure the radio is turned off.
2. Locate the battery compartment cover on the back of the radio.
3. Slide the cover down and lift to remove.
4. Insert the rechargeable battery pack into the compartment, ensuring the contacts align correctly.
5. Replace the battery compartment cover and slide it up until it clicks into place.

3.2. Charging the Batteries

Before first use, fully charge the battery packs. There are two methods for charging:

Using the Desktop Charger:

1. Connect the Micro USB Charging Cable to the desktop charger.
2. Plug the USB cable into a compatible USB power source (e.g., wall adapter, computer USB port).
3. Place the radios into the charging slots on the desktop charger. Ensure the radios are seated properly.
4. The battery indicator on the radio display will show charging status.

Direct Micro USB Charging:

1. Locate the Micro USB charging port on the side of the radio (covered by a rubber flap).
2. Open the rubber flap.
3. Connect the Micro USB Charging Cable directly to the radio's port.
4. Plug the USB cable into a compatible USB power source.

Note: The radios can also operate using 3 AAA alkaline batteries (not included) if rechargeable packs are not available or charged.

4. OPERATING INSTRUCTIONS

4.1. Power On/Off and Volume

1. To turn the radio **ON**, rotate the power/volume knob clockwise until you hear a click and the display illuminates.
2. To turn the radio **OFF**, rotate the power/volume knob counter-clockwise until you hear a click.
3. To adjust the **VOLUME**, rotate the power/volume knob clockwise to increase and counter-clockwise to decrease.



RAPID RECHARGE MULTIPLE POWER SOURCES

Figure 4.1: Front panel controls and display of the Midland T51VP3 radio.

4.2. Channel Selection

To select a communication channel:

1. Press the **MENU** button once. The channel number on the display will flash.
2. Use the **UP** (▲) or **DOWN** (▼) buttons to select your desired channel (1-22).
3. Press the **MENU** button again to confirm your selection, or wait 5 seconds for the setting to automatically save.

4.3. Transmitting and Receiving (PTT)

To communicate with another radio:

1. Ensure both radios are on the same channel and privacy code.
2. Press and hold the **PTT (Push-To-Talk)** button located on the side of the radio.
3. Speak clearly into the microphone. The TX icon will appear on the display.
4. Release the **PTT** button to listen for a response. The RX icon will appear when receiving a signal.

4.4. Channel Scan

The Channel Scan feature allows you to automatically scan all 22 channels for activity:

1. Press the **MON/SCAN** button once. The radio will begin scanning through channels.
2. When activity is detected on a channel, the scan will pause on that channel.
3. To transmit on the detected channel, press the **PTT** button.
4. To resume scanning, press the **MON/SCAN** button again.

4.5. NOAA Weather Scan + Alert

Stay informed about weather conditions with the NOAA Weather Scan and Alert features:

1. Press the **WX** button. The radio will enter NOAA Weather Scan mode.
2. The radio will automatically scan through 10 available weather (WX) band channels and lock onto the strongest weather channel.
3. If a severe weather alert is broadcast, the NOAA Weather Alert will sound an alarm.
4. To exit Weather Scan mode, press the **WX** button again.

5. MAINTENANCE

Proper care ensures the longevity and performance of your Midland T51VP3 radios:

- **Cleaning:** Use a soft, damp cloth to clean the exterior of the radios. Do not use abrasive cleaners or solvents.
- **Battery Care:** Fully charge batteries before extended storage. If not used for long periods, remove alkaline batteries to prevent leakage.
- **Storage:** Store radios in a cool, dry place away from extreme temperatures and direct sunlight.
- **Water Resistance:** The radios are water-resistant, but not waterproof. Avoid submerging them in water. Ensure the USB port cover is securely closed when not charging.

6. TROUBLESHOOTING

Problem	Possible Solution
No Power	Check battery installation. Ensure batteries are charged or replace with fresh alkaline batteries.
Poor Reception/Static	Ensure both radios are on the same channel and privacy code. Move to an open area away from obstructions. Check battery level.
Cannot Transmit	Check if the PTT button is fully pressed. Ensure battery is charged. Verify channel and privacy code settings.
Cannot Change Settings	The keypad lock may be activated. Press and hold the MENU button to unlock.

If the problem persists after trying these steps, please contact Midland customer support.

7. SPECIFICATIONS

- **Item Weight:** 15.8 ounces
- **Product Dimensions:** 2.2 x 1.3 x 6.1 inches
- **Item Model Number:** T51VP3
- **Batteries:** 1 AAA batteries required (included for rechargeable pack). Compatible with 3 AAA alkaline batteries.
- **Display Type:** LCD
- **Color:** Black/Orange
- **Number of Channels:** 22
- **Frequency Range:** 462.550 - 462.725 MHz
- **Talking Range Maximum:** Up to 28 Miles (in optimal conditions)
- **Water Resistance Level:** Water Resistant

8. WARRANTY & SUPPORT

Midland offers a comprehensive warranty for your product:

- **Radios:** 3-Year Warranty
- **Accessories:** 90 Days Warranty

For detailed warranty information, technical support, or service inquiries, please refer to the official Midland website or the user guide PDF provided with your purchase. You can also find the user guide online at:

[Midland T51VP3 User Guide \(PDF\)](#)