Topsung M920b

Topsung M920b Rechargeable Long Range Walkie Talkie User Manual

Model: M920b | Brand: Topsung

INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Topsung M920b rechargeable long-range walkie talkie. Please read it thoroughly before using the device to ensure proper functionality and to understand all features, including NOAA weather alerts and privacy codes. This portable two-way radio is designed for reliable communication in various outdoor and indoor environments.

Figure 1: Topsung M920b Walkie Talkies (Blue and Orange) with accessories.

SETUP

1. Battery Installation

Each walkie talkie requires 3 AA rechargeable Ni-MH batteries (included). To install, locate the battery compartment on the back of the unit. Remove the belt clip by pinching the release tab, then open the battery cover. Insert the batteries according to the polarity markings inside the compartment. Close the cover and reattach the belt clip.

2. Charging

Use the provided micro-USB cable to charge the walkie talkies. The cable allows for charging via a power bank or vehicle adapter, offering flexibility for outdoor use. The radios feature overcharge protection. Charging for approximately 3 hours provides up to 63 hours of standby time.
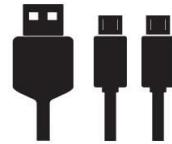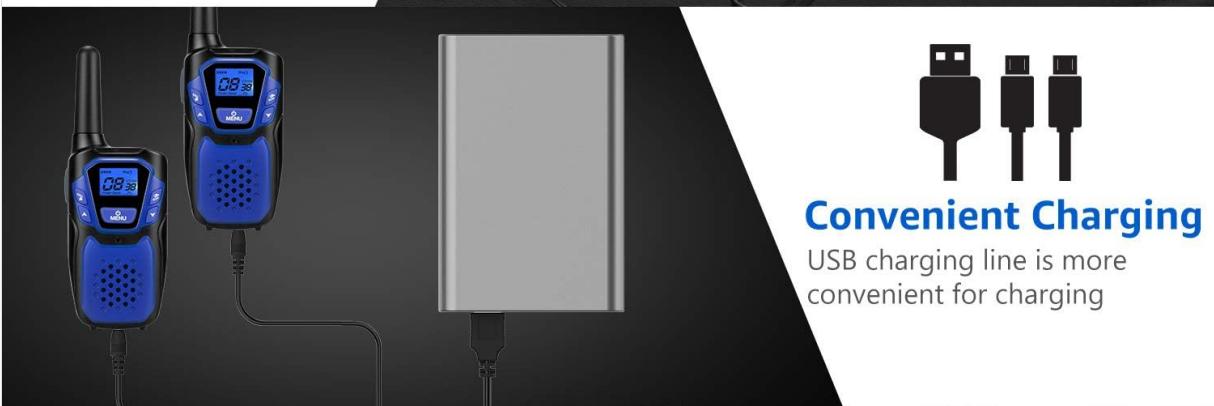
Figure 2: Convenient USB charging and battery compartment access.

3. Power On/Off

Press and hold the **MENU/Power** button to turn the walkie talkie on or off. The backlit LCD display will illuminate upon power-on.

OPERATING INSTRUCTIONS

1. Channel Selection

Your Topsung M920b radio offers 22 FRS channels. To select a channel, press the **MENU** button once. The channel number on the display will flash. Use the **Up** or **Down** buttons to navigate through the channels. Press **MENU** again to confirm your selection.

2. Privacy Codes (CTCSS/DCS)

The radio supports 38 CTCSS privacy codes and 98 DCS privacy codes. These codes help reduce interference from other users on the same channel. To set a privacy code, press the **MENU** button twice (for CTCSS) or three times (for DCS). Use the **Up** or **Down** buttons to select your desired code. Press **MENU** to confirm. For effective communication, all radios in your group must be on the same channel and privacy code.

3. Push-to-Talk (PTT)

To transmit, press and hold the **PTT** button located on the left side of the radio. Speak clearly into the microphone. Release the **PTT** button to listen.

4. Volume Adjustment

Use the **Up** and **Down** buttons (when not in menu mode) to adjust the listening volume. There are 8 adjustable volume levels.

5. Call Tone

The radio offers 10 call tone settings. To send a call tone to other radios in your group, briefly press the **CALL** button.

6. Keypad Lock

To prevent accidental changes to your settings, press and hold the **MENU**/**Power** button until a key icon appears on the display. In keypad lock mode, only the **PTT** button remains active. To unlock, press and hold the **MENU**/**Power** button again until the key icon disappears.

7. NOAA Weather Alert

The NOAA Weather Scan feature automatically scans through 25 available weather (WX) band channels and locks onto the strongest weather channel to alert you of severe weather updates. NOAA Weather Alert will sound an alarm indicating a risk of severe weather in your area. To activate, press and hold the **W/A** button.

Figure 3: NOAA Weather Alert feature for outdoor safety.

8. VOX Function

The Easy Voice and Sound Activation Transmission (eVOX) function allows for hands-free operation with 18 sensitivity levels. This feature enables transmission when your voice is detected, eliminating the need to press the PTT button.

9. Flashlight

A built-in LED flashlight is located at the top of the radio. To activate, briefly press the **Light** button (often combined with the **W/A** button). Press again to turn off.

Figure 4: Key controls and features of the Topsung M920b.

MAINTENANCE

1. Battery Care

To maximize battery life, fully charge the batteries before first use and whenever the low battery alert is indicated. Avoid completely draining the batteries regularly. The radio includes overcharge protection.

2. Cleaning

Clean the radio with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure all ports are closed when not in use to prevent dust and moisture ingress.

3. Storage

Store the radio in a cool, dry place away from direct sunlight and extreme temperatures. If storing for extended periods, remove the batteries.

TROUBLESHOOTING

- **No Power:** Ensure batteries are correctly installed and fully charged.

- **Poor Reception/Range:** Check for obstructions (buildings, trees, terrain). Ensure all radios are on the same channel and privacy code. Battery level can also affect range.

- **Cannot Communicate with Other Radios:** Verify that all radios are set to the exact same channel and privacy code.

- **Static or Interference:** Change to a different channel and/or privacy code.

For more detailed troubleshooting, please refer to the comprehensive user manual included with your product.

SPECIFICATIONS
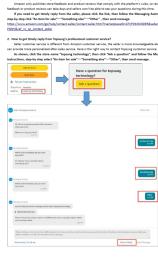
- **Model Number:** M920b

- **Product Dimensions:** 2.2 x 1.3 x 6.1 inches

- **Item Weight:** 1.1 pounds

- **Batteries:** 6 AA batteries required (included), 3*1000MAh NI-MH AA rechargeable batteries per radio.

- **Battery Life:** Up to 63 hours (standby)

- **Number of Channels:** 22 FRS Channels

- **Frequency Range:** 462 MHz - 467 MHz

- **Privacy Codes:** 38 CTCSS, 83 DCS

- **Special Features:** Emergency Alarm, Noise Reduction, NOAA Weather Alert, VOX Function, Keypad Lock, Scanning Function, Flashlight.

- **Water Resistance Level:** Not Water Resistant

WARRANTY AND SUPPORT

Your Topsung M920b walkie talkie is covered by the manufacturer's standard warranty. For specific warranty details, product support, or technical assistance, please refer to the warranty card included in your product packaging or contact Topsung customer service directly. Contact information can typically be found on the manufacturer's official website or on the product packaging.

Related Documents - M920b

Topsung Walkie Talkie User Guide
A comprehensive user guide for the Topsung Walkie Talkie, covering features, operation, and safety information. Learn how to use channels, privacy codes, VOX, and other functions.

Walkie Talkie
User Guide

US

[TOPSUNG M920 Walkie Talkie User Guide](#)

Comprehensive user guide for the TOPSUNG M920 Rechargeable Walkie Talkie Radio, covering features, operation, and safety information.

[Topsung Walkie Talkie Quick Start Guide & Troubleshooting](#)

This Quick Start Guide provides essential instructions for Topsung walkie-talkies, including battery installation, device operation, channel settings, and troubleshooting common issues like communication problems or power failures. Find tips for models K10, K12, M880, and T388, along with accessory links.