Motorola 59T62BLUEPACKUK

Motorola Talkabout T62 PMR446 Walkie-Talkie User Manual

Model: 59T62BLUEPACKUK

1. Introduction

The Motorola Talkabout T62 is a robust and stylish PMR446 walkie-talkie radio designed for reliable communication. It operates on license-free frequencies, making it ideal for various activities such as camping, hiking, or general outdoor use. This manual provides essential information for setting up, operating, and maintaining your T62 radios.



Figure 1: Two Motorola Talkabout T62 radios, illustrating their compact design and user interface.

2. What's in the Box

Please check the contents of your package. It should include:

- 2 x Motorola T62 PMR446 Two-Way Radios
- 2 x AA Batteries (rechargeable NiMH battery packs)
- 1 x USB Charging Cable
- 1 x Dual-Power Charger
- 1 x Headset-Compatible Cable (2.5mm jack)
- 2 x Belt Clips
- User Manual (this document)

3. Setup

3.1. Battery Installation

Your T62 radios come with rechargeable NiMH 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 latch or press the release button to open the cover.
4. Insert the NiMH battery pack, ensuring the contacts align correctly.
5. Close the battery compartment cover securely until it clicks into place.

3.2. Charging the Batteries

Before first use, fully charge the batteries. The T62 supports USB charging.

1. Connect the USB charging cable to the radio's USB port.
2. Connect the other end of the USB cable to the dual-power charger or any compatible USB power source.
3. The battery indicator on the LCD will show charging status.
4. Charging typically takes several hours. Disconnect once fully charged.

3.3. Powering On/Off

Press and hold the **Power** button ( ) until the display lights up to turn the radio on. Repeat to turn off.



Figure 2: Close-up of the Motorola T62 radio, showing the power button and LCD display.

4. Operating Your Radio

4.1. Channel Selection

The T62 has 16 channels. To change the channel:

1. Press the **Menu** button until the channel number flashes.
2. Use the **Up** (**+**) or **Down** (**-**) buttons to select your desired channel.
3. Press **Menu** or **PTT** to confirm.

4.2. Privacy Codes (Sub-codes)

The T62 supports 121 privacy codes (CTCSS/DCS) to help reduce interference from other users on the same channel. Both radios must be on the same channel and privacy code to communicate.

1. Press the **Menu** button twice until the privacy code number flashes.
2. Use the **Up** (**+**) or **-**) buttons to select your desired code.
3. Press **Menu** or **PTT** to confirm.

4.3. Transmitting and Receiving

- **To Transmit:** Press and hold the **Push-To-Talk (PTT)** button on the side of the radio. Speak clearly into the microphone. Release the PTT button to listen.
- **To Receive:** Ensure the PTT button is not pressed. The radio will automatically receive signals on the selected channel and privacy code.

4.4. Volume Adjustment

Use the **Up** (**+**) and **Down** (**-**) buttons on the front panel to adjust the speaker volume when not in menu mode.

4.5. Easy Pairing

The easy pairing feature allows you to quickly set all radios in a group to the same channel and privacy code.

1. Turn on all radios you wish to pair.
2. On one radio (the "master"), select the desired channel and privacy code.
3. On all other radios (the "slaves"), press and hold the **Easy Pairing** button until you hear a tone.
4. On the master radio, press the **Easy Pairing** button. All slave radios will automatically adjust to the master's settings.

4.6. VOX/iVOX (Hands-Free Operation)

VOX (Voice Operated Transmit) allows you to transmit by speaking into the microphone without pressing the PTT button. iVOX is for use without an external headset.

1. Press the **Menu** button until the VOX/iVOX icon flashes.
2. Use **Up** (**+**) or **Down** (**-**) to select the sensitivity level (1-3, 3 being most sensitive) or turn it off.
3. Press **Menu** or **PTT** to confirm.

4.7. Scan Function

The scan function allows you to monitor all channels for activity.

1. Press the **Scan** button (often the **Monitor** button held down, or a dedicated button).
2. The radio will cycle through channels until it detects a signal.
3. It will pause on the active channel. To stop scanning, press the **Scan** button again.

4.8. Monitor Function

The monitor function allows you to listen to weak signals on the current channel by temporarily disabling the privacy code.

- Press and hold the **Monitor** button to listen to the channel. Release to return to normal operation.

4.9. Key Lock

The key lock prevents accidental changes to your settings.

- Press and hold the **Menu** button until the key lock icon appears on the display.
- To unlock, press and hold the **Menu** button again.

4.10. Ringtones and Key Tones

The T62 offers 20 ringtones and adjustable key tones.

- **Ringtone Selection:** Press **Menu** until the ringtone icon flashes. Use **Up** (**+**) or **Down** (**-**) to preview and select.
- **Key Tones:** Navigate through the menu to find the key tone setting. Use **Up** (**+**) or **-**) to enable or disable.

4.11. Talk Confirmation Tone (Roger Beep)

The Roger Beep is a short tone transmitted when you release the PTT button, signaling to other users that you have finished speaking.

- Navigate through the menu to find the Roger Beep setting. Use **Up** (**+**) or **-**) to enable or disable.

5. Maintenance

- **Cleaning:** Use a soft, damp cloth to clean the exterior of the radio. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** When not in use for extended periods, remove the batteries and store the radios in a cool, dry place.
- **Water Resistance:** The T62 is water-resistant, but not waterproof. Avoid submerging the radio in water.

6. Troubleshooting

Problem	Possible Cause	Solution
Radio does not turn on.	Low or dead batteries; incorrectly installed batteries.	Charge or replace batteries; ensure batteries are installed correctly.
Poor range or static.	Obstacles (buildings, hills); out of range; interference.	Move to an open area; reduce distance between radios; try a different channel.
Cannot communicate with other radios.	Different channel or privacy code; out of range; radio off.	Ensure all radios are on the same channel and privacy code; check range; turn on radio.
Keys are unresponsive.	Key lock is activated.	Deactivate key lock (refer to section 4.9).

7. Specifications

Brand	Motorola
Model Number	59T62BLUEPACKUK
Dimensions	3.1 x 5.4 x 16.5 cm
Weight	157 Grams
Channels	16 PMR446 Channels
Privacy Codes	121 (CTCSS/DCS)
Frequency Range	446 - 446.2 MHz
Max. Talk Range	Up to 8 km (dependent on terrain and weather conditions)

Battery Type	NiMH rechargeable (2 AA batteries included)
Water Resistance	Water-resistant
Special Features	Easy Pairing, Backlit LCD Display, USB Charging, Key Lock, Talk Confirmation Tone, Adjustable Receiver Sensitivity

8. Warranty and Support

Motorola products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Motorola support website. Keep your proof of purchase for warranty claims.
For further assistance, you may also contact your local retailer or the point of purchase.

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