



Talkabout T42 Owner's Manual



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Talkabout T42 Owner's Manual en-US

RF Energy Exposure and Product Safety Guide for Portable Two-Way Radios

Attention!

Before using this product, read the RF Energy Exposure and Product Safety Guide that ships with the radio which contains instructions for safe usage and RF energy awareness and control for compliance with applicable standards and regulation.

T42 Twin Pack

Package Content	T42
Radio	2
Belt clip	2
Stickersheet (16 pieces)	1
Owner's manual	1

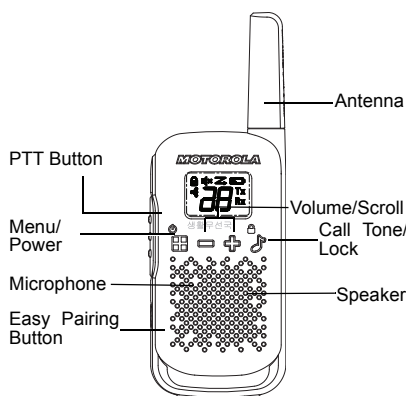
Personalization Stickers:

Stickers are provided in order to personalize and keep track of radios. Use permanent marker for the blank stickers.

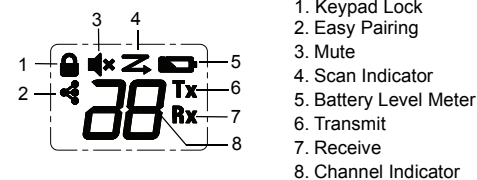
Frequency Chart

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	448.7500	10	448.8625	19	449.1875
2	448.7625	11	448.8750	20	449.2000
3	448.7750	12	448.8875	21	449.2125
4	448.7875	13	448.9000	22	449.2250
5	448.8000	14	448.9125	23	449.2375
6	448.8125	15	448.9250	24	449.2500
7	448.8250	16	449.1500	25	449.2625
8	448.8375	17	449.1625	26	448.7375
9	448.8500	18	449.1750	27	449.1375

Radio Control Buttons



Radio Display

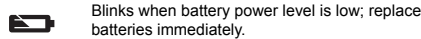


- Keypad Lock
- Easy Pairing
- Mute
- Scan Indicator
- Battery Level Meter
- Transmit
- Receive
- Channel Indicator

Installing the Batteries

- Make sure your radio is OFF.
- To remove the battery compartment door, press the tab at the bottom of the compartment door. Remove the door. Insert three AAA batteries into the battery compartment.
- Replace the battery compartment door.

Battery Level and Low Battery Alert



Turning Your Radio On/Off

Press and hold the **MENU/** button to turn your radio ON/OFF.

Adjusting the Volume

Adjust the volume by pressing the **+** and **=** buttons.

Talking and Listening

All radios in your group must be set to the same channel in order to communicate.

- Hold your radio 2 to 3 cm from your mouth.
- Press and hold the **PTT** button while speaking. The Transmit **Tx** icon appears on the display.
- Release the **PTT** button. You can now receive incoming calls. When you do, the Receive **Rx** icon appears on the display.

For maximum clarity, hold the radio 2 to 3 cm away and avoid covering the microphone while talking.

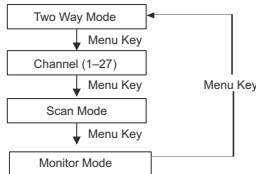
Talk Range

Your radio is designed to maximize performance and improve transmission range. Ensure the radios are at least 5 feet apart when in use.

Push-to-Talk Time-Out Timer

To prevent accidental transmissions and save battery life, the radio emits a continuous warning tone and stops transmitting if you press the **PTT** button for 60 seconds continuously.

Menu Options



Selecting the Channel

The radio uses channel as the frequency to transmit.

- Press **Menu** until the channel number starts to flash.
- Press **+** or **=** to change the channel. Long press on these keys allow you to scroll through the channels rapidly to browse the codes.
- Press **PTT** button to exit menu or **Menu** to continue set up.

Sub-Code

This radio does not have sub-code feature. When using this radio with radio models that use sub-code, please make sure the radios with sub-code have their sub-code disabled. Set sub-code to Zero.

Call Tones

Your radio is equipped with a call tone. To transmit a call tone, press **Call Tone** button.

Keypad Tones

You may enable or disable the keypad tones. You will hear the keypad each time a button is pushed.

- Press and hold the **=** button, while turning the radio ON, it turns the keypad tone OFF.
- To turn the Keypad Tone ON, turn the radio OFF and ON again without pressing the **=** button.

Roger Tone

You can set your radio to transmit a unique tone when you finish transmitting. It is like saying "Roger" or "Over" to let others know you have finished talking.

- Press and hold **Call Tone** button while turning the radio ON, it turns the Roger Tone OFF.
- Turn the radio OFF and ON again without pressing the **Call Tone** button to turn the Roger Tone ON.

Keypad Lock

To avoid accidentally changing your radio settings:

- Press and hold **Keypad Lock** until the Key Lock Indicator icon displays.
- You can turn the radio on and off, adjust the volume, receive, transmit, send a call tone, when in the lock mode. All other functions remain locked.
- Press **Keypad Lock** and hold until the **Keypad Lock** Indicator is no longer displayed to unlock the radio.

Channel Scan Mode

Enables your radio to scan for active channels. When an activity is detected, your radio lands (stays) on that channel for 2 seconds. To transmit on that channel, press the **PTT** button. When an activity on the landed channel ends, your radio continues scanning other channels.

To turn the channel scan ON:

- MENU/** to enter menu. Advance until **=** blinks.
- Call Tone** button to turn ON channel scan.

MENU/ or **PTT** to turn OFF Scan mode.

Monitor Mode

Enables you to listen for weak signals on the current channel. To turn the Monitor Mode ON:

- MENU/** button to enter menu. Advance through the menu until **Rx** icon blinks.
- Press the **Call Tone** button for continuous listening. The **Rx** icon continues to blink.

To turn the Monitor Mode OFF:

Press the **MENU/** button to return to "Normal" mode. The **Rx** icon stops blinking.

Easy Pairing

This feature allows a group of radio users to program all their radios to the same Channel and Sub-Code settings quickly and simultaneously. Any one radio within the group can be designated as the "Leader's radio" and have its Channel and Sub-Code settings transmitted to and copied by all the other radios in the group (Members' radios).

Note:

•When the leader radio has no sub-code feature, such as this radio (T42), all radios in the group will have their sub-code set to 0 (Disable). When the sub-code is set to 0, all transmissions on the selected channel will be heard, regardless of the transmitting radio sub-code setting.

- Pick any one of the radios as the "Leader's radio". On this radio, program the Channel and Sub-Code to the desired settings. See "Selecting the Channel" and "Selecting the Sub-Code" sections in this user manual. The sub-code for T42 radio is fixed at zero and cannot be programmed.
- To copy the channel and Sub-Code combination to all the other "Members' radios", press and hold the **Call Tone** button on the Members' radios until you hear a beep. Release the button after the beep, and wait for the transmission from the Leader's radio.

Note:

- Icon **Call Tone** blinks on the display. This confirms that the radio is in Easy Pairing mode waiting to receive the Channel and Sub-Code settings from the Leader's radio. All Members' radios remain in this mode for 3 minutes.
- A group with many radios should have all users take this step at the same time, so all radios can be programmed in one go.

- On the Leader's radio, press and hold down the **Call Tone** button until you hear a double beep.

Note:

- At the double beep, this radio's Channel and Sub-Code settings will be transmitted, which will be received and copied by all the other (Members') radios.
- The Leader's radio must make this transmission when all the Members' radios are still in the Easy Pairing mode, otherwise the transmission will not be picked up.
- On the Leader's radio, user must remember not to release the button on the first (single) beep, otherwise this radio will become another Member's radio. If that happens, you can press **PTT** to escape, and retry the steps described in #3 again.
- When the Leader's radio does not have sub-code feature, all members' radios will have their sub-code set to zero (Disable). When a radio sub-code is set to zero, all transmissions received on the channel will be sent to the speaker, regardless of the sub-code embedded in the transmission.
- This radio (T42) does not have sub-code feature and is not compatible with radios with sub-code enabled. Please ensure all radios in the group have their sub-code disabled (Sub-code is set to Zero). With Easy pairing, either use T42 as the leader, or ask the Leader to set sub-code to zero before performing easy pairing.

Warranty Information

The authorized Motorola Solutions dealer or retailer where you purchased your Motorola Solutions two-way radio and/or original accessories will honour a warranty claim and/or provide warranty service.

Please return your radio to your dealer or retailer to claim your warranty service. Do not return your radio to Motorola Solutions.

In order to be eligible to receive warranty service, you must present your receipt of purchase or a comparable substitute proof of purchase bearing the date of purchase. The two-way radio should also clearly display the serial number. The warranty will not apply if the type or serial numbers on the product have been altered, deleted, removed, or made illegible.

What Is Not Covered By The Warranty

- Defects or damage resulting from use of the Product in other than its normal and customary manner or by not following the instructions in this user manual.
- Defects of damage from misuse, accident or neglect.
- Defects of damage from improper testing, operation, maintenance, adjustment, or any alteration or modification of any kind.
- Breakage or damage to aerials unless caused directly by defects in material or workmanship.
- Products disassembled or repaired in such a manner as to adversely affect performance or prevent adequate inspection and testing to verify any warranty claim.
- Defects or damage due to range.
- Defects or damage due to moisture, liquid or spills.
- All plastic surfaces and all other externally exposed parts that are scratched or damaged due to normal use.
- Products rented on a temporary basis.
- Periodic maintenance and repair or replacement of parts due to normal usage, wear and tear.

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