



MOTOROLA

TALKABOUT®

**TWO-WAY RADIO
RADIO BIDIRECTIONNELLE**

**User's Guide
Manuel de l'utilisateur**



**Models T5625 and T5725
Modèles T5625 et T5725**



6881042B61-O

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Introduction

Motorola Talkabout T5625 and T5725 radios operate on Family Radio Service (FRS) designated frequencies. This license-free, two-way radio service was established specifically for family and group recreational use. Use of this radio outside the country where it was intended to be distributed is subject to government regulations and may be prohibited. Read this manual carefully and make sure you know how to properly operate radio before use.

For product-related questions, please contact:

1-800-353-2729 in the USA

1-800-461-4575 in Canada

1-888-390-6456 TTY - Text Telephone

On the web, please refer to: www.motorola.com/talkabout

Congratulations on your purchase of a Motorola product!

Product registration is an important step toward enjoying your new Motorola product. Registering helps us facilitate warranty service, and permits us to contact you should your Motorola product require an update or other service. Registration is not required for warranty coverage.

Please retain your original dated sales receipt for your records. For warranty service of your Motorola Personal Communications Product you will need to provide a copy of your dated sales receipt to confirm warranty status.

Safety and General Information

Important Information on Safe and Efficient Operation Read This Information Before Using Your Radio

The information provided in this document supersedes the general safety information contained in user guides published prior to July 2000.

Transmit and Receive Procedure

Your two-way radio contains a transmitter and a receiver. To control your exposure and ensure compliance with the general population/uncontrolled environment exposure limits, always adhere to the following procedure:

- Transmit no more than 50% of the time.
- To transmit (talk), press the Push to Talk (PTT) button.
- To receive calls, release the PTT button.

Transmitting 50% of the time, or less, is important because the radio generates measurable RF energy exposure only when transmitting (in terms of measuring standards compliance).

Exposure to Radio Frequency Energy

Your Motorola radio is designed to comply with the following national and international standards and guidelines regarding exposure of human beings to radio frequency electromagnetic energy:

- United States Federal Communications Commission, Code of Federal Regulations; 47 CFR part 2 sub-part J

- American National Standards Institute (ANSI)/Institute of Electrical and Electronic Engineers (IEEE) C95. 1-1992
- Institute of Electrical and Electronic Engineers (IEEE) C95.1-1999 Edition
- International Commission on Non-ionizing Radiation Protection (ICNIRP) 1998
- Ministry of Health (Canada) Safety Code 6. Limits of Human Exposure to Radio Frequency Electromagnetic Fields in the Frequency Range from 3 kHz to 300 GHz, 1999
- Australian Communications Authority Radiocommunications (Electromagnetic Radiation - Human Exposure) Standard 2001 (applicable to wireless phones only)
- ANATEL, Brasil Regulatory Authority, Resolution 256 (April 11, 2002) "additional requirements for SMR, cellular, and PCS product certification."

To assure optimal radio performance and make sure human exposure to radio frequency electromagnetic energy is within the guidelines set forth in the above standards, always adhere to the following procedures.

Portable Radio Operation and EME Exposure Antenna Care

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the radio and may violate FCC regulations.

DO NOT hold the antenna when the radio is "IN USE." Holding the antenna affects the effective range.



Two-Way Radio Operation

When using your radio as a traditional two-way radio, **hold the radio in a vertical position with the microphone one to two inches (2.5 to 5 cm) away from the lips.**

Body-Worn Operation

To maintain compliance with FCC/Health Canada RF exposure guidelines, if you wear a radio on your body when transmitting, always place the radio in a Motorola-supplied or approved clip, holder, holster, case, or body harness for this product. Use of non-Motorola-approved accessories may exceed FCC/Health Canada RF exposure guidelines. If you do not use one of the Motorola-supplied or approved body-worn accessories, and are not using the radio held in the normal use position, **ensure the radio and its antenna are at least one inch (2.5 cm) from your body when transmitting.**

Data Operation

If applicable, when using any data feature of the radio with or without an accessory cable, **position the radio and its antenna at least one inch (2.5 cm) from the body.**

Approved Accessories

For a list of approved Motorola accessories visit our website at www.mot.com.

Electromagnetic Interference/Compatibility

Note: Nearly every electronic device is susceptible to electromagnetic interference (EMI) if inadequately shielded, designed, or otherwise configured for electromagnetic compatibility.

Facilities

To avoid electromagnetic interference and/or compatibility conflicts, turn off your radio in any facility where posted notices instruct you to do so. Hospitals or health care facilities may be using equipment that is sensitive to external RF energy.

Aircraft

When instructed to do so, turn off your radio when on board an aircraft. Any use of a radio must be in accordance with applicable regulations per airline crew instructions.

Medical Devices - Pacemakers

The Advanced Medical Technology Association recommends that a minimum separation of six inches (15 cm) be maintained between a handheld wireless radio and a pacemaker. These recommendations are consistent with the independent research by, and recommendations of the U.S. Food and Drug Administration.

Persons with pacemakers should:

- ALWAYS keep the radio more than six inches (15 cm) from their pacemaker when the radio is turned ON.
- Not carry the radio in the breast pocket.
- Use the ear opposite the pacemaker to minimize the potential for interference.
- Turn the radio OFF immediately if you have any reason to suspect that interference is taking place.

Medical Devices - Hearing Aids

Some digital wireless radios may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information.

Safety and General Use While Driving

Check the laws and regulations on the use of radios in the area where you drive. Always obey them. When using your radio while driving, please:

- Give full attention to driving and to the road.
- Use hands-free operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

Operational Warnings For Vehicles with an Air Bag

Do not place a portable radio in the area over an air bag or in the air bag deployment area. Air bags inflate with great force. If a portable radio is placed in the air bag deployment area and the air bag inflates, the radio may be propelled with great force and cause serious injury to occupants of the vehicle.

Potentially Explosive Atmospheres

Turn off your radio prior to entering any area with a potentially explosive atmosphere, unless it is a radio type especially qualified for use in such areas as "Intrinsically Safe." Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

Note: The areas with potentially explosive atmospheres referred to above include fueling areas such as below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine. Areas with potentially explosive atmospheres are often but not always posted.

Blasting Caps and Areas

To avoid possible interference with blasting operations, turn off your radio when you are near electrical blasting caps, in a blasting area, or in areas posted: "Turn off two-way radio." Obey all signs and instructions.

Operational Cautions Antennas

Do not use any portable radio that has a damaged antenna. If a damaged antenna comes into contact with your skin, a minor burn can result.

Batteries

All batteries can cause property damage and/or bodily injury such as burns if a conductive material such as jewelry, keys, or beaded chains touch exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects.

Battery Charger Safety Instructions Save these Instructions

1. Do not expose the charger to rain or snow.
2. Do not operate or disassemble the charger if it has received a sharp blow, or has been dropped or damaged in any way.
3. Never alter the AC cord or plug provided with the unit. If the plug will not fit the outlet, have the proper outlet installed by a qualified electrician. An improper condition can result in a risk of electric shock.
4. To reduce the risk of damage to the cord or plug, pull the plug rather than the cord when disconnecting the charger from the AC receptacle.
5. To reduce the risk of electric shock, unplug the charger from the outlet before attempting any maintenance or cleaning.
6. Use of an attachment not recommended or sold by Motorola may result in a risk of fire, electric shock, or personal injury.
7. Make sure the cord is located so it will not be stepped on, tripped over, or subjected to damage or stress.

8. An extension cord should not be used unless absolutely necessary. Use of an improper extension cord could result in a risk of fire and/or electric shock. If an extension cord must be used, make sure that:
 - The pins on the plug of the extension cord are the same number, size, and shape as those on the plug of the charger.
 - The extension cord is properly wired and in good electrical condition.
 - The cord size is 18 AWG for lengths up to 100 feet, and 16 AWG for lengths up to 150 feet.
9. The supply cord of this charger cannot be replaced. If the cord is damaged, call Motorola Product Services at 1-800-353-2729 in the USA, 1-800-461-4575 in Canada, 1-888-390-6456 TTY (Text Telephone).

Use  to:

- Turn power on/off
- Adjust volume

LED Indicator Light

Use  to:

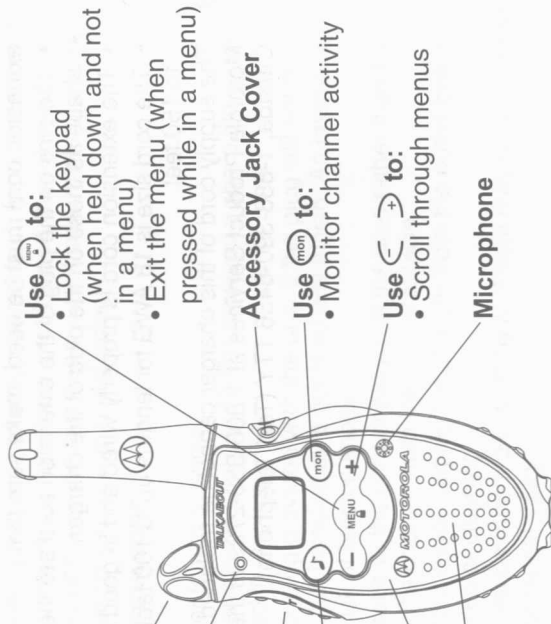
- Talk on the radio
- Save a setting

Use  to:

- Transmit call tone

Removable Front Cover

Speaker




Use  to:

- Lock the keypad (when held down and not in a menu)
- Exit the menu (when pressed while in a menu)

Accessory Jack Cover

Use  to:

- Monitor channel activity

Use  to:

- Scroll through menus

Microphone

Installing the AA Batteries

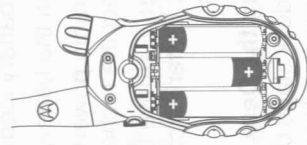
Your radio uses 3 AA alkaline batteries.

1. With the back of the radio facing you, lift the battery latch up to release the battery cover and remove the cover.
2. Insert 3 AA alkaline batteries as shown on the inside of the battery compartment.
3. Reposition the battery cover and press down to secure.

Note: The T5725 model radios can use a NiCd rechargeable battery instead of 3 AA alkaline batteries. A rechargeable battery upgrade kit, model number 53614, is available for these radios. For the dealer nearest you, call 1-800-353-2729 in the USA, or visit our website at www.motorola.com/talkabout.

Installing the NiCd Battery Pack

1. Follow step 1 above to remove the battery cover.
2. Remove the battery pack from the clear plastic bag. **Do not disassemble or unwrap the battery pack.**
3. Insert the NiCd battery pack so the metal contacts on the side of the battery are facing outward from the radio to connect with the contacts on the battery door.
4. Reposition the battery cover and press down to secure.



Battery Meter

The battery icon shows the battery charge level, from full  to empty . When the battery is empty, the radio chirps periodically after releasing .

The radio powers off when the voltage drops below a predetermined level to protect the rechargeable battery.

Note: Remove the batteries before storing your radio for extended periods of time. Batteries corrode over time and may cause permanent damage to your radio.

Using the Desk Stand Charger (Optional Accessory)

The desk stand charger provides drop-in charging convenience for NiCd batteries and can be placed on any flat surface, such as a desk or workbench. Charge the NiCd battery overnight (at least 16 hours) before using it for the first time. After the initial charge, an empty battery is fully charged within 14 hours.

1. Turn the radio off and remove the battery cover.
2. Remove the battery pack from the clear plastic bag. **Do not disassemble or unwrap the battery pack.**
3. Insert the NiCd battery pack so the metal contacts on the side of the battery are facing outward from the radio to connect with the contacts on the battery door.
4. Reposition the battery cover and press down to secure.
5. Plug the AC power supply into the plug on the desk stand.

Installing the AA Batteries

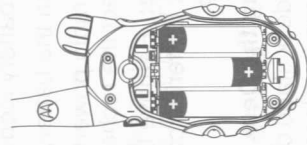
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5. Plug the AC power supply into the plug on the desk stand.

Installing the AA Batteries

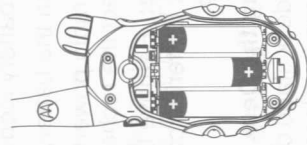
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4. Reposition the battery cover and press down to secure.
5. Plug the AC power supply into the plug on the desk stand.

Installing the AA Batteries

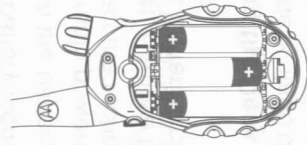
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4. Reposition the battery cover and press down to secure.



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4. Reposition the battery cover and press down to secure.
5. Plug the AC power supply into the plug on the desk stand.

Belt-clip (Included)

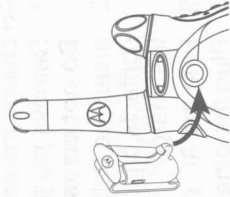
Your radio comes with a swivel belt-clip.

To Attach

1. Align belt-clip post with hole in the radio back.
2. Gently push until it clicks into place.

To Remove

1. Push release tab on top of belt clip down to release catch.
2. Pull belt clip from radio back.



Turning On/Off Your Radio

Turn **[M]** clockwise to turn on the radio. Turn **[M]** counterclockwise to turn the radio off.

The radio chirps and the display briefly shows all feature icons that your radio has available.

T5625 will have channel 1-14 on display. Model T5725 display includes the interference eliminator code (**[J-3B]**) as well as the channel.

Volume

Rotate **[M]** while holding down **[MON]** until you reach a comfortable listening level. Rotate **[M]** clockwise to increase and counterclockwise to decrease volume.

Channel

1. With radio on, press **[MON]**. Current channel flashes.
2. Use **[<]** and **[>]** to change channel while flashing.
3. Press **[ENT]** to set new channel.

Radio Etiquette

Your radio has multiple channels shared on a “take turns” basis; other groups may be talking on the channels. For uninterrupted communications, do not talk over someone who is already using the channel — your message may not be completely heard. Try changing the channel to avoid channel congestion or use **[MON]** to check for channel activity. If you hear static while holding down **[MON]**, channel is clear to use.

Talking and Listening

To communicate, all radios in your group must be set to the same channel (1-14) and interference eliminator code (**[J-3B]**). T5625 models do not have interference eliminator codes. You must set the interference eliminator code to **[J]** on a T5725 to communicate with a T5625.

- To maximize clarity, hold radio 5 to 7 cm (2 to 3 inches) from mouth.
- Press and hold **[ENT]** and speak into the microphone. LED indicator light glows continuously when transmitting.
- To receive messages, release **[ENT]**.

Interference Eliminator Code (T5725)

The interference eliminator codes help minimize interference by providing you with a choice of code combinations.

1. To set the code, press **[MON]** until the code display begins to blink.
2. Then press **[<]** or **[>]** to set the code.
3. Press **[ENT]** to save the code setting.

You can specify a different code for each channel. To set a channel and code combination, press **[>]** and then press **[<]** or **[>]** to select the channel. Press **[MON]** again and then press **[<]** or **[>]** to select a code. Press **[ENT]** to exit the menu and to save the channel and code combination. To set another channel and code combination, repeat these steps.

Monitor Button

Pressing and holding **[MON]** lets you hear the radio's volume level when you are not receiving so you can adjust the volume. It is also used to check activity on current channel before transmitting.

Time-out Timer

The time-out timer feature helps extend battery life by preventing accidental transmission. The radio will emit a continuous warning tone after **[ENT]** is pressed for 60 continuous seconds and will stop transmitting.

Keypad Lock

To avoid accidentally changing radio operation, press **[MON]** for 3 seconds. Now you will see the **[L]** icon. This sequence locks the menu, **[<]** and **[>]** functions. Once locked, you will be able to turn the radio off and on, increase or decrease volume, transmit, send a call tone and monitor.

To unlock, press and hold **[MON]** for 3 seconds.

Alerts

Channel Busy Indicator

The radio also has a channel busy indicator where the LED will also flash twice per second to indicate the channel is in use.

Call Tone

The call tone obtains others' attention before you start talking. Press **[J]** to allow users using the same channel and code will hear your call tone. T5625 and T5725 have 5 call tones from which to choose. Setting the call tone to **[J]** disables **[J]**.

To Set the Call Tone

1. With the radio on, press **[MON]** until **[R]** appears. Current call tone setting **[J-5]** begins to flash.
2. Press **[<]** and **[>]** to change and hear call tone while flashing.
3. Press **[MON]** or **[ENT]** to set new call tone.

Roger Beep/Talk Confirmation Tone

When you turn on this feature, your two-way radio transmits a unique tone when you finish transmitting. It's like saying "Roger" or "over" and lets others know you're finished talking.

- To enable the tone, press and hold P as you turn your radio on. Now, when you release the PTT button, your set tone lets your friends know you're finished talking and PTT displays.
- To disable the tone, turn your radio off and then back on while pressing and holding P .

Accessories

There are many accessories (sold separately) available for T5625 and T5725 radios. For more information refer to the brochure we've included with your radio, contact place of purchase or call Motorola at: 1-800-353-2729 (USA), 1-800-461-4575 (Canada), or 1-800-739-7834 (TTY).

To Use Audio Accessories

- Make sure radio is off. Open cover and plug accessory connector into jack.
- Turn radio on and lower volume before placing accessory on head or in ear.
- Press MON or MON while rotating Δ to adjust volume for comfort level.
- To transmit, press PTT and speak into accessory microphone (if any).
- To receive, release PTT .

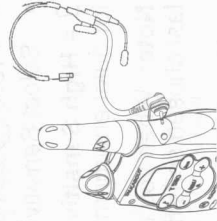
Hands-Free Use/VOX With Compatible VOX Accessories (T5725 only)

VOX allows you to transmit "hands-free" by talking while using VOX accessories connected to the radio. See the Motorola Talkabout Accessory Brochure for the available VOX accessories.

- Turn radio off.
- Insert plug of audio accessory firmly into accessory jack.
- Turn radio on. Radio displays E .
- Lower radio volume **before** placing accessory on head or in ear.
- To transmit, speak into accessory microphone and to receive, stop talking.
- VOX operation can be disabled by pressing PTT or removing audio accessory.

There is a short delay between when you start talking and the radio transmits.

Note: To order accessories, please refer to www.motorola.com/talkabout



Setting Sensitivity Level

Adjusting your radio's sensitivity level helps to minimize the possibility of unintended noises triggering a transmission, or enhances the ability to pick up quiet voices.

- Press MON as needed to display E .
- Select Sensitivity Level of 1 , 2 , or 3 by using C or P :

3 = High Sensitivity, 2 = Medium Sensitivity, 1 = Low Sensitivity, for quiet environments for most environments for noisy environments

Note: When you connect a VOX accessory, the radio is automatically set to the last chosen sensitivity level.

Patent Information

This product is manufactured under one or more of the following United States patents.

5896277 5894292 5864752 5699006 5742484 D408396 D399821 D387758
D389158 5894592 5893027 5789098 5734975 5861850 D395882 D383745
D389827 D389139 5929825 5926514 5953640 6071640 D413022 D416252
D416893 D433001

Export Law Assurances

This product is controlled under the export regulations of the United States of America and Canada. The Governments of the United States of America and Canada may restrict the exportation or re-exportation of this product to certain destinations. For further information contact the U.S. Department of Commerce or the Canadian Department of Foreign Affairs and International Trade.