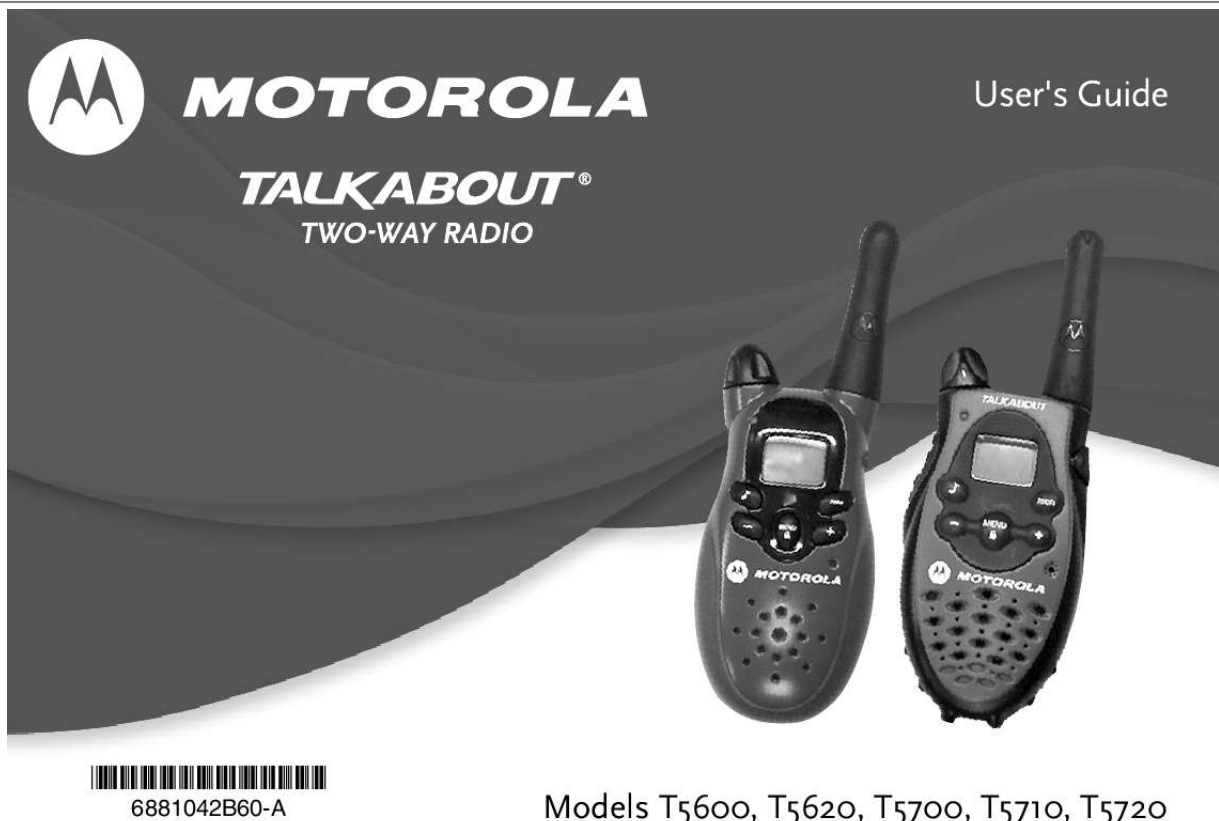




# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for MOTOROLA T5720. You'll find the answers to all your questions on the MOTOROLA T5720 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual MOTOROLA T5720  
User guide MOTOROLA T5720  
Operating instructions MOTOROLA T5720  
Instructions for use MOTOROLA T5720  
Instruction manual MOTOROLA T5720



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**Manual abstract:**

@@@Please retain your original dated sales receipt for your records. @@Registration is not required for warranty coverage. For a copy of a large-print version of this guide, or for product-related questions, call: 1-800-353-2729 in the USA 1-888-390-6456 TTY (Text Telephone) On the web, please refer to [www.motorola.com/talkabout](http://www.motorola.com/talkabout) 1 Introduction Contents Introduction . . . . .

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. 29 Contents 2 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 Safety and General Information 3 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. · Safety and General Information 4 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 nonMotorola-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](http://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. Safety and General Information 5 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.



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*Safety and General Information 6 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. *Safety and General Information 7 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. *Safety and General Information 8 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.

@@@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 or 1-888-390-6456 TTY (Text Telephone). 10 FCC Licensing Information Your Motorola radio operates on General Mobile Radio Service (GMRS) frequencies and is subject to the Rules before storing your radio for extended periods of time. @@@@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. @@4.

Reposition the battery cover and press down to secure. 5. Plug the AC power supply into the plug on the desk stand. 6. Plug the AC power supply into a standard wall outlet. 7. Slide the radio into one of the charging pockets facing forward. @@Remove the battery pack from the clear plastic bag. Do not disassemble or unwrap the battery pack. 2.

Insert the battery pack into the charging pocket. @@3. Plug the AC power supply into the plug on the desk stand. 4. Plug the AC power supply into a standard wall outlet.

@@@Do not store the radio in the charger. *Attaching the Belt Clip* 1. Align the belt clip post with the hole in the back of the radio. 2. Gently push until the clip clicks into place.

*Removing the Belt Clip* 1. @@2. Pull the belt clip away from the back of the radio. @@@@Channels 1-7 and 15-22 are 1 watt. Channels 8-14 are 0.5 watt. When the radio is on a 1 watt channel, z displays. When the radio is on a 0.5 watt channel, y displays. 1.

With the radio on, press \ The current channel flashes. 2. Press ] or [ to set the channel. 3. @@To talk, press and hold M. Hold the radio 2 to 3 inches away from your mouth when talking. @@Talk Range Your radio is designed to maximize performance and improve transmission range. Do not use the radios closer than 5 feet apart. *Checking the Channel Before Transmitting* Your radio has multiple channels shared on a "take turns" basis.

For uninterrupted communication, do not talk on a channel if someone else is currently talking on it. To check for activity on a channel before you talk, press and hold Q or J. If you hear static, the channel is clear to use. *Special Features Interference Eliminator Code* Interference Eliminator Codes help minimize interference by providing you with a choice of code combinations. *Special Features 21* To set the code for a channel: 1.

Press \ until the code starts to flash. 2. Press ] or [ to select the code. 3. Press M to save the code setting.

You can set a different code for each channel using this procedure. *Note:* You must set the Interference Eliminator Code to 0 on an FRS radio that uses Interference Eliminator Codes to communicate with other FRS radios that do not have Interference Eliminator Codes. Push to Talk Timeout Timer To prevent accidental transmissions and save battery life, the radio emits a continuous warning tone and stops transmitting if you press M for 60 continuous seconds.

*Locking the Keypad* To avoid accidentally changing your radio settings, press and hold \ for 3 seconds or until f displays. You can turn the radio on and off, adjust the volume, receive, transmit, send a call tone, and monitor channels. All other functions are locked. *Special Features* To unlock the radio, press and hold \ for 3 seconds or until f is no longer displayed.



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*Scanning Channels (Models T5620, T5700, T5710 Only) Use scanning to monitor channels and codes for transmissions or to find someone in your group who has accidentally changed channels. To start scanning, briefly press and release Q or J. The scan indicator h displays.*

*When the radio detects channel activity, it stops scanning and you can hear the transmission. To respond to the transmission, press M within 5 seconds. Note:*

*If your radio's Interference Eliminator Code is set to 0 while scanning, the radio checks for activity on each channel regardless of the code used on the channel. If your radio's Interference Eliminator Code is set to 138, the radio checks for activity only on channels using codes 138 and ignores channels 22 using code 0. Scan Advance If the radio stops scanning on a channel you do not want to listen to, briefly press and release ] or [ to resume scanning for the next active channel. Removing Channels from the Scan List (Nuisance Delete Feature) To remove a channel so the radio does not stop on it while scanning, press and hold ] or [ for at least 3 seconds, then release. This temporarily removes the channel from the scan list. To restore the channel, turn the radio off and then back on. Note: You cannot remove the channel your radio was set to when you started the scan (called your home channel). 23 Special Features*

*Alerts Channel Busy Indicator When a channel is busy, the LED flashes twice per second.*

*Setting and Transmitting Call Tones Your radio can transmit different call tones to other radios in your group so you can alert them that you want to talk.*

*Alerts To set a call tone: 1. With the radio on, press \ 3 times. The current call tone setting flashes and E displays. 2.*

*Press ] or [ to change and hear the call tone. 3. Press \ or M to set the new call tone. To transmit your call tone to other radios set to the same channel and Interference Eliminator Code as your radio, press ^. Notes · 24 · The T5600, T5620, and T5700 models have 5 call tones.*

*The T5710 and T5720 models have 10 call tones. Setting the call tone to 0 disables the call tone feature. Transmitting a Talk Confirmation Tone You can set your radio to transmit a unique tone when you finish transmitting. It's like saying Roger or Over to let others know you are finished talking. · To turn talk confirmation on, press and hold ] while you turn the radio on. When you release M after transmitting, your call tone transmits and ! displays. · To turn talk confirmation off, turn your radio off and then back on while pressing and holding ]. QT Noise Filtering (Models T5700, T5710, T5720 Only) The QT noise filtering feature helps ensure uninterrupted communication with other Motorola T5000 Series radios that have this feature. This feature filters out unwanted transmissions from other radios. It is useful in places where there is heavy radio traffic, such as at an amusement park or ski resort.*

*Note: QT noise filtering is not available while the radio is scanning. To turn QT noise filtering on or off: 1. Press \ until F displays. 2. @ @ 3. @ @ @ @ 2. Press ^ to send a call tone. @ @ 3. Press M and speak normally. Note: If you skip step 2, the beginning of your message may not be heard on the receiving radio.*

*For a 30-second period, starting after the last transmission, all transmissions received on the selected channel and code will pass through the QT noise filter. 26 Alerts Accessories There are many accessories (sold separately) available for your radio. For more information, refer to the brochure included with your radio, contact the place of purchase, call Motorola at 1-800-353-2729 in the USA or 1-800-739-7834 (TTY), or visit our website at*

*www.motorola.com/talkabout.*

*Using Audio Accessories 1. Turn the radio off. Plug the accessory connector into the jack. See page 12 and 13 for the location of the accessory jack on your radio. 2.*

*Turn the radio on. Lower the volume before placing the accessory on your head or in your ear. 3. Press Q or J while rotating P to adjust the volume to a comfortable level. 4. To transmit, press M and speak into the accessory microphone, if any. 5. To receive, release M. Voice Activation (VOX) Accessories (Models T5710, T5720 Only) Voice activation (VOX) allows you to talk handsfree when used with optional accessories connected to the radio. See the Motorola Talkabout accessory brochure for available VOX accessories.*

*1. Turn the radio off. 27 Accessories 2. Insert the plug of the audio accessory firmly into the accessory jack (see page 13). 3. Turn the radio on. g displays. 4. Lower the radio volume before placing the accessory on your head or in your ear. 5.*

*To transmit, speak into accessory microphone. There is a short delay between the time you start talking and when the radio transmits. 6. To receive, stop talking. To turn VOX off, press Mor remove the audio accessory.*

*Setting the Sensitivity Level (Models T5710, T5720 Only) Adjusting your radio's sensitivity level helps minimize the possibility of unintended noises triggering a transmission and helps the radio pick up soft voices. 1. Press \ until g displays. 2. Press ] or [ to select the sensitivity level: 3 = High Sensitivity 2 = Medium Sensitivity 1 = Low Sensitivity Accessories for quiet environments for most environments for noisy environments Note: When you connect a VOX accessory, the radio is automatically set to the 28 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. Patent Information 29 · 22 Channels (8 GMRS, 7 GMSR/FRS, 7 FRS) with 38 Interference Eliminator Codes GMRS channels feature increased power for longer range. 14 channels ensure backward compatibility with FRS two-way radios. Eliminator Codes minimize interference from other groups. · Audible Call Tones 5 call tones (Models T5600, T5620, T5700) 10 call tones (Models T5710, T5720) · Weather-resistant Helps protect radios against the elements.*

*· 1 Year Limited Warranty For warranty details, call 1-800-353-2729. · Talk Handsfree with Voice Activation (VOX) when used with optional accessories (Models T5710, T5720 only) · Low Battery Alert Audible tone and visual display tell you when the battery is running down. · Motorola Quality Shock, drop, and temperature tested to meet Motorola's high quality standards.*



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· *Illuminated Display Easy to read your settings in dark places.* · *Scanning* · *QT Noise Filter Easily finds channel and code by searching all combinations* · *Talk Confirmation Tones (Models T5620, T5700, Signals others you are finished T5710 only) talking.* · *Quick Release Swivel Belt Clip Included* · *User's Guide Included* · *Durable, Fixed Antenna Filters out unwanted Maximizes talk range. transmissions in heavy radio traffic areas (Models T5700, FCC GMRS LICENSE T5710, T5720 only) REQUIRED PWARNING CHOKING HAZARD SMALL PARTS Not for children under 3 years. This product is not intended to be used as a toy or plaything. MOTOROLA and the Stylized M Logo are registered in the US Patent & Trademark Office. All other product or service names are the property of their respective owners.*

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