MOTOROLA
TALKABOUT ®
TWO-WAY RADIO

- **No license fee or airtime charges!**

- **Audible Call Tone**
  Ringing option so your group can identify who's calling

- **Keypad Lock**
  Prevents your settings from being accidentally changed

- **Illuminated display**
  Easy to read your settings in dark places

- **Batteries (not included)**
  Requires 3 AA Alkaline batteries

- **Quick Release Swivel Belt Clip Included**

- **Durable, fixed antenna**
  Maximizes talk range

- **Up to 2 mile range**
  Depending on terrain and conditions

- **"Roger" Beep**
  Signals others you're done talking

- **Scan** (T5210 Only)
  Easily finds your group's channel and code by searching all combinations

- **Talk Hands-Free (VOX)** (T5220 **Only)**
  "Voice activation" (VOX) Lets you talk hands-free when used with optional accessories

- **1 Year Limited Warranty**
  For warranty details call 1-800-353-2729

- **Weather-resistant**

- **14 channels**
  Privacy feature that helps minimize interference from other groups

- **Call Button**
  Get others' attention before you start talking

- **Low Battery Alert**
  Audible tone and visual display tell you your battery is running down

- **User's Guide included**

Accessories for T5000 series - Convenient headphones, mesh and waterproof carry cases available from your retailer or www.motorola.com

⚠ WARNING
CHOKING HAZARD - SMALL PARTS
Not for children under 3 years.
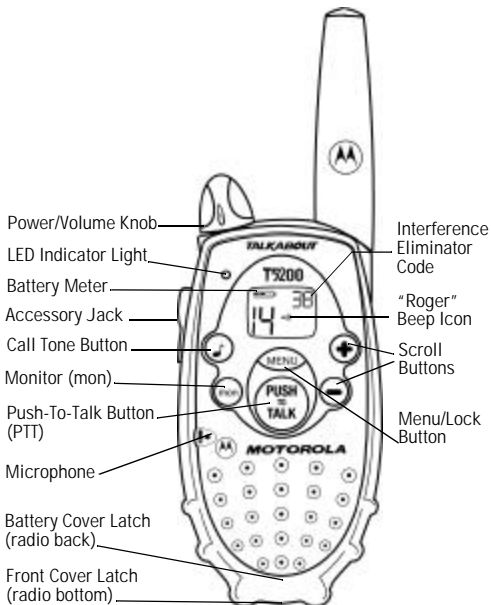This product is not intended to be used as a toy or plaything.

* 6 8 6 4 1 1 0 R 8 7 *

Models T5210 and T5220

Table of Contents

Your New Radio

Motorola Talkabout T5210 and T5220 radios operate on Family Radio Service (FRS) designated frequencies. This license-free, short range, 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.

Power/Volume Knob

LED Indicator Light

Battery Meter

Accessory Jack

Call Tone Button

Monitor (mon)

Push-To-Talk Button (PTT)

Microphone

Battery Cover Latch (radio back)

Front Cover Latch (radio bottom)

Interference Eliminator Code

"Roger" Beep Icon

Scroll Buttons

Menu/Lock Button

TALKABOUT

T5200

14 3B

MOTOROLA

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Batteries

T5210 and T5220 radios operate with 3 AA alkaline batteries providing approximately 30 hours of use. That is almost 3 hours of talk and over 27 hours of standby time.

To Install:
1. With back of radio facing you, flip Battery Cover Latch up to release. Lift cover off. Fig. 1.
2. Insert 3 AA batteries as shown. Fig. 2.
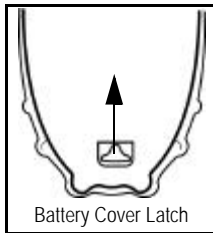3. Reposition Battery Cover, flip Battery Cover Latch down to secure.

Battery Cover Latch
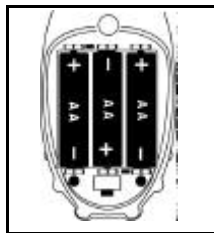
Figure 1

Figure 2

Radio Etiquette:
Your radio has multiple channels shared on a "take turns" basis. This means 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 the Monitor button to check for channel activity. If you hear static while holding down the Monitor button the channel is clear for use.

Note: Since the channels are shared, your conversations will not be private and you may hear others talking.

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Belt Clip

Motorola T5210 and T5220 radios come 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. Fig. 3.

To Remove:
1. Push release tab on top of belt clip down to release catch.
2. Pull belt clip from the radio back.
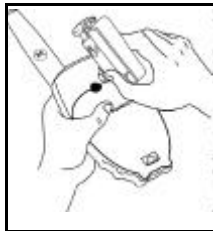
Front Cover

The T5210 and T5220 radios have a removable front cover that allows you to customize your radio to your lifestyle. Do not operate the radio without the cover.

To Remove:
1. With a coin or screwdriver, push down and towards you in between the top of the front cover and the radio. Fig. 4.
2. Pull the sides of the removable cover away from the radio.

To Attach:
1. Reinsert housing tabs.
2. Press down to snap cover into place.

Figure 3

Figure 4

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To Communicate

Read this manual carefully and make sure you know how to properly operate radio before use.
Motorola Talkabout two-way radios have 14 channels. To communicate with others, all radios in your group must be set to the same channel and Interference Eliminator Code.

Turn The Radio On:

1. Rotate Power/Volume knob clockwise until you hear a click. Radio will beep and LED Indicator Light will flash to confirm.The display will show current channel and code. LED will flash every three seconds.
2. To turn radio off, rotate Power/Volume knob counter clockwise until you hear a click and display disappears.

Note: All icons on the display will light up briefly, some of which may not be supported by your radio.

Monitor Button:

The Monitor/Scan 🔊 button 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.

Channel Busy Indicator:

The radio also has a Channel Busy Indicator where the LED will also flash twice per second to indicate the channel frequency is in use.

Adjust The Volume:

Rotate Power/Volume knob while holding down the Monitor/Scan 🔊 button until you reach a comfortable listening level. Rotate knob clockwise to increase and counter clockwise to decrease volume.

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 the Push-To-Talk button is pressed for 60 continuous seconds and will stop transmitting.

Menu/Lock Button:

You can be sure your menu settings won't be changed accidentally. Just turn on the menu lock by pressing the Menu button for three seconds. Now you'll see a lock on the display. You can turn off the menu lock by pressing the Menu button for three seconds again. The lock icon disappears from your display when it's turned off.

Set The Channel:

1. With radio on, press Menu button, Current channel will begin to flash. Fig. 5.
2. Use Scroll buttons to change channel while flashing.
3. Press Menu or Push-To-Talk button to set new channel.

Set The Code:

1. With radio on, press Menu button twice. Fig. 5.
   Current code will begin to flash.
2. Use Scroll buttons to change code while flashing.
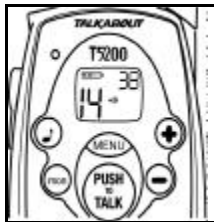3. Press Menu or Push-To-Talk button to set new code.

Note: Radio automatically saves channel and code after 5 seconds.

Figure 5

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Call Tone:

The Call Tone gets others' attention before you start talking. Press Call 🎵 button and users on your channel will hear your Call Tone. T5210 and T5220 have 5 Call Tones.

Set The Call Tone:

1. With the radio on, press Menu button three times. Current Call Tone will begin to flash.Fig. 6.
2. Use Scroll buttons to change and hear Call Tone while flashing.
3. Press Menu or Push-To-Talk button to set new Call Tone.
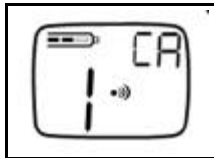
Figure 6

"Roger" Beep:

Whenever you turn on the "Roger" Beep 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. If you don't hear the tone, you can enable it by pressing and holding Scroll + button as you turn on your radio. Now, whenever you release the Push-To-Talk button, you let your friends know you're finished talking by transmitting a tone. To disable the "Roger" Beep feature, turn your radio off and then back on while pressing and holding Scroll + button. The "Roger" Beep icon will not appear on the display.

Scan (T5210 Only)

By using Scanning $\rightleftarrows$, you can monitor channels and codes for transmissions and lock in on the one that interests you. More importantly, you can find someone in your group who has accidentally changed channels and is talking during your scan. You don't have to set a new channel or code, the radio just resets itself temorarily to that channel and code and you can start talking.

To start scanning, briefly press (Scan/Monitor). Your channel/code screen displays $\rightleftarrows$ and begins to scroll through channels. When the radio detects channel activity, it stops on that channel and displays its channel and code. You can talk to the person(s) transmitting without having to switch channels by pressing PTT.

To stop scanning, briefly press . If you press PTT while the radio is scanning, the radio will transmit on the channel you selected before you activated Scan. If no transmission occurs within five seconds, scanning will resume.

If you want to scan channels without interference eliminator codes, change the code for your set channel to 0 before you briefly press .

Hands-Free Use (VOX) (T5220 Only)

Hands-Free Use With Accessories
VOX allows you to transmit "hands-free" by talking while using VOX accessories connected to the radio.

To set VOX, plug in your accessory before you turn on your radio. When you turn on your radio, a flashing VOX symbol displays. Your radio will now detect your voice and transmit every time you talk. When you transmit using a VOX headset, you will hear yourself talking through the accessory speaker. This lets you know VOX is working.

Press PTT to turn off VOX and return to the regular way of transmitting. The VOX symbol will disappear. To reset VOX use, turn your radio off and then back on with your accessory plugged in.

Note: When using accessories, ensure that they are plugged in before you turn on the radio.

Note: There is a short delay when you start talking before the transmitter turns on.

Sending Messages:
1. To maximize clarity, hold radio 2 to 3 inches from mouth.
2. Press and hold Push-To-Talk button and speak into microphone.
   LED Indicator Light glows continuously when transmitting.
To receive messages, release Push-To-Talk button.

Battery Meter:
The Battery Meter, located on the front display, is divided into three bars. As power is used, the bars will disappear. Fig. 7.

Note: To ensure proper functioning of the battery meter use only alkaline batteries. The meter will not work accurately with rechargeable batteries.

Figure 7

Low Battery Alert:
When batteries are low, radio will beep:
• 3 to 4 seconds after turning power on
• Every 10 minutes in standby mode
• After releasing PTT or Call button
Replace batteries immediately to avoid interrupted use.

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

Accessories
There are many accessories (sold separately) available for T5210 and T5220 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   1-800-739-7834 (TTY)

To Use Audio Accessories:
1. Make sure radio is off. Open accessory jack cover and plug accessory connector into jack.
2. Turn radio on and lower volume before placing accessory on head or in ear.
3. Press Monitor button while rotating Volume knob to adjust volume to a comfortable listening level.
4. To transmit, press Push-To-Talk on radio or accessory and speak into accessory microphone.
5. To receive, release Push-To-Talk.

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Talk Range

Motorola T5210 and T5220 radios have been designed to maximize performance and improve transmission range in the field. It is recommended that you do not use the radios closer than 5 feet apart.
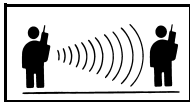
Optimal Range
Maximum talk range in flat, open areas, is up to 2 (two) miles.

Medium Range
Range is decreased when buildings and trees are in the way.

Minimal Range
Dense foliage and mountains can limit range.

Care of Your Radio

To clean the radio, wipe with a soft cloth dampened with water. Do not use cleaners or solvents on the radio; they can harm the radio body and leak inside, causing permanent damage. Battery contacts may be wiped with a dry, lint-free cloth.

If radio gets wet, turn it off and remove batteries immediately. Dry battery compartment with a soft cloth to minimize potential water damage. Leave cover off battery compartment overnight or until completely dry. Do not use radio until completely dry.

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 October 2000. For information regarding radio use in a hazardous atmosphere please refer to the Factory Mutual (FM) Approval Manual Supplement or Instruction Card, which is included with radio models that offer this capability.

RF Operational Characteristics
Your radio contains a transmitter and a receiver. When it is ON, it receives and transmits radio frequency (RF) energy. That radio operates in the frequency range of 450 MHz to 470 MHz.

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 (EME):

- 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
- National Council on Radiation Protection and Measurements (NCRP) of the United States, Report 86, 1986
- International Commission on Non- Ionizing Radiation Protection (ICNIRP) 1998
- National Radiological Protection Board of the United Kingdom 1995
- Ministry of Health (Canada) Safety Code 6. Limits of Human Exposure to Radiofrequency Electromagnetic Fields in the Frequency Range from 3 kHz to 300 GHz, 1999

To assure optimal radio performance and to 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 2 to 3 inches (5.0 to 7.5 cm) away from your lips.**

Body-worn Operation
To maintain compliance with FCC 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.** Use of non-Motorola approved accessories may exceed FCC RF exposure guidelines. **If you do not use a body-worn accessory, ensure the antenna is at least 1 inch (2.5 cm) from your body when transmitting.**

Approved Accessories
For a list of approved Motorola accessories refer to the two-way radio section of **www.motorola.com/store.**

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 Health Industry Manufacturers Association recommends that a minimum separation of 6 inches (15 cm) be maintained between a hand-held wireless radio and a pacemaker. These recommendations are consistent with the independent research by, and recommendations of, Wireless Technology Research.

Persons with pacemakers should:
- ALWAYS keep the radio more than 6 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.

• Hearing Aids
Some 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.

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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" (for example, Factory Mutual, CSA, or UL Approved). 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.

Troubleshooting

Problem	Solution
No Power	Reposition or replace batteries.
Erratic Display	Reposition or replace batteries.
Message Not Transmitted	Make sure the Push-To-Talk button is completely pressed as you transmit.
	Reposition or replace batteries.
	Shared Channel may be in use, try another.
Message Not Received	Confirm radios have same Channel settings and/or Interference Eliminator Code is inactive.
	Make sure Push-To-Talk is not inadvertently being pressed.
	Reposition or replace batteries.
	Obstructions, operating indoors or in vehicles may interfere with communication. Change your location.
	Check to make sure volume is turned up.
Hearing Other Conversation or Noise on a Channel	Shared Channel may be in use, try changing channels.
	Radios with Interference Eliminator Codes, must have codes off or set to zero to communicate with other FRS radios without Interference Eliminator Codes.

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Troubleshooting

Problem	Solution
Limited Talk Range	Steel/concrete structures, heavy foliage and use in buildings and in vehicles will decrease range, check for clear line of sight to improve transmission.
	Wearing radio close to body such as in a pocket or on a belt will decrease range, change location of radio.
Heavy Static or Interference	Radios too close. Radios must be at least 5 feet apart, increase your distance.
	Radios too far apart. Obstacles interfere with transmission. Talk range is up to 2 miles in clear, unobstructed conditions.
	Shared Channel may be in use, try another.

Motorola Product Services

If the radio still doesn't work properly, contact your place of purchase or call Motorola Product Services.

1-800-353-2729 USA   1-800-461-4575 Canada   1-800-739-7834 (TTY)

Motorola Limited Warranty

Motorola Limited Warranty For Two-Way Family Radios

I. What this Warranty Covers and for How Long

The Motorola company listed below ("Motorola") warrants its Two-Way Family Radios (the "Products") against defects in materials and workmanship under normal use for a period of one year from the date of purchase. This warranty extends to the first end-user purchaser only, and is not transferable. Motorola, at its option, will at no charge either repair, replace or refund the purchase price of any Products that do not conform with this warranty. Repair may include the replacement of parts with functionally equivalent reconditioned or new parts. Replacement may include providing a functionally equivalent "Motorola Certified Reconditioned" or a new Product. Products that have been repaired or replaced are warranted for the balance of the original warranty period or for 90 days from the date that the repaired or replaced Product is received by you, whichever is longer. All Products for which replacements have been provided will become Motorola's property.

II. Other Warranty Conditions

This warranty is valid only in the United States and Canada, and is Motorola's complete warranty for the Products. Motorola assumes no obligation or liability for changes to this warranty unless made in writing and signed by an officer of Motorola. Motorola does not warrant any installation, maintenance, or service that it did not perform. SERVICE WORK PERFORMED BY SERVICE CENTERS NOT AUTHORIZED BY MOTOROLA TO PERFORM SUCH WORK WILL VOID THIS WARRANTY.

III. What This Warranty Does Not Cover

  a. Defects or damage resulting from: use of the Products in any manner not normal or customary; misuse, accident or neglect such as dropping the Products onto hard surfaces, contact with water, rain or extreme humidity, contact with sand, dirt or the like, contact with extreme heat, spills of food or liquid; improper testing, operation, maintenance, installation, adjustment; or any alteration or modification of any kind.
  b. Scratches or other damage to plastic surfaces, cracked displays, or other externally exposed parts caused by use of the Products.
  c. Products disassembled or repaired in such a manner as to adversely affect performance or prevent adequate inspection and testing to verify any warranty claim.
  d. Products on which serial numbers or date tags have been removed, altered or obliterated.

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IV. How to Get Warranty Service

To get warranty service, please call: 1- 800- 353- 2729 USA   1- 800- 461- 4575 Canada

You will receive directions on how to mail the Products to Motorola. All Products shipped to Motorola Service Centers must be shipped with freight and insurance prepaid. Along with the Products you must include a receipt, bill of sale, or some other comparable proof of purchase, a written description of the problem and, most importantly, your address, and telephone number. Products that are repaired or replaced under this warranty will be shipped you at Motorola's expense for the freight and insurance. If additional information is needed, please contact Motorola at the address at the bottom of this document.

V. General Provisions:

THIS IS THE COMPLETE WARRANTY FOR THIS PRODUCT BY MOTOROLA AND SETS FORTH YOUR EXCLUSIVE REMEDIES. THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHER EXPRESS WARRANTIES. IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE GIVEN ONLY IF SPECIFICALLY REQUIRED BY APPLICABLE LAW. OTHERWISE, THEY ARE SPECIFICALLY EXCLUDED. IN NO EVENT SHALL MOTOROLA BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE ACCESSORY, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PRODUCT, TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

VI. Patent and Software Provisions

Motorola will defend at its own expense, any suit brought against you to the extent that it is based on a claim that the Products infringe a United States patent. Motorola will pay those costs and damages finally awarded against you in any such suit which is attributable to any such claim.The defense and payments by Motorola are conditioned on the following:

(a) that you will notify Motorola promptly in writing any notice of the claim; and

(b) that Motorola will have sole control of the defense of the suit and all negotiations for its settlement or compromise; and

(c) should the Products become, or in Motorola's opinion be likely to become, the subject of a claim of infringement of a United States patent, that you will permit Motorola, at its option and expense, either: to procure for you the right to continue using the Products or parts; to replace or modify them so that they become non- infringing; or to grant you a credit for such Products or parts as depreciated and accept their return.

The depreciation will be an equal amount per year over the lifetime of the Products, accessories, battery or parts as established by Motorola. Motorola will have no liability to you with respect to any claim of patent infringement which is based upon the combination of the Products or parts furnished under this limited warranty with software, apparatus or devices not furnished by Motorola. Motorola will have no liability for the use of ancillary or peripheral equipment or software not furnished by Motorola which is attached to or used in connection with the Products. The foregoing states the entire liability of Motorola with respect to infringement of patents by the Products, accessories, batteries or any parts of them.

Laws in the United States and other countries preserve for Motorola certain exclusive rights for copyrighted Motorola software such as the exclusive rights to reproduce in copies and distribute copies of the Motorola software. Motorola software may be copied into, used in and redistributed with only the Products associated with such Motorola software. No other use, including without limitation disassembly, of such Motorola software or exercise of exclusive rights in such Motorola software is permitted.

VII. State and Jurisdiction Law Rights
Some states and jurisdictions do not allow the limitation or exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state or from one jurisdiction to another.

Motorola:

In the USA:	In Canada:
Motorola, Inc.	Motorola Canada Limited
600 North U.S. Highway 45	5875 Whittle Road
Libertyville, IL 60048	Mississauga, ON L4Z 2H4

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

Channel Frequency Chart

Channel	MHz	Channel	MHz
1	462.5625	8	467.5625
2	462.5875	9	467.5875
3	462.6125	10	467.6125
4	462.6375	11	467.6375
5	462.6625	12	467.6625
6	462.6875	13	467.6875
7	462.7125	14	467.7125

Interference Eliminator Code Chart

Talkabout Code	Hz Freq	7/7x Code	Talkabout Code	Hz Freq	7/7x Code
1	67.0		20	131.8	
2	71.9		21	136.5	G
3	74.4		22	141.3	
4	77.0	A	23	146.2	
5	79.7		24	151.4	
6	82.5		25	156.7	
7	85.4		26	162.2	
8	88.5	B	27	167.9	
9	91.5		28	173.8	
10	94.8		29	179.9	
11	97.4	C	30	186.2	
12	100.0		31	192.8	
13	103.5		32	203.5	
14	107.2	D	33	210.7	
15	110.9		34	218.1	
16	114.8		35	225.7	
17	118.8	E	36	233.6	
18	123.0		37	241.8	
19	127.3	F	38	250.3	

Note: Carrier Squelch (**0**) disables Interference Eliminator Codes.

This allows you to monitor all activity on the channel you are using.

For Talkabout compatibility information with other Motorola two-way radios, please call 1-800-353-2729.

Specifications

Description	T5210 Specs	T5220 Specs
Channels	14	14
Codes	38	38
Operating Frequency	UHF-462.550 to 467.725 MHz	UHF-462.550 to 467.725 MHz
Talk Range	Up to 2 Miles	Up to 2 Miles
Power Source	3 AA Alkaline Batteries	3 AA Alkaline Batteries
Battery Life (talk time)	30 Hours*	30 Hours*
Bandwidth	12.5 kHz	12.5 kHz

*Two-way use is defined as 90% standby time, 5% talk time, and 5% receive time.

Visit our website at: http://www.motorola.com

Consumer Products Division
1125 Satellite Road, Suite 101
Suwanee, GA 30024-2880

www.motorola.com