Setting a Channel

Your radio has 22 channels. 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, ⚡ displays. The High power icon will be turned off when the radio is on a 0.5 watt channel.

1. With the radio on, press **"MODE"**. The current channel flashes.

2. Press **–** or **+** to set the channel.

3. Press 🔘 to save the channel setting.

Channels and Frequencies

Channel	Frequency	Description	Channel	Frequency	Description
1	462.5625 MHz	GMRS/FRS	12	467.6625 MHz	FRS
2	462.5875 MHz	GMRS/FRS	13	467.6875 MHz	FRS
3	462.6125 MHz	GMRS/FRS	14	467.7125 MHz	FRS
4	462.6375 MHz	GMRS/FRS	15	462.5500 MHz	GMRS
5	462.6625 MHz	GMRS/FRS	16	462.5750 MHz	GMRS
6	462.6875 MHz	GMRS/FRS	17	462.6000 MHz	GMRS
7	462.7125 MHz	GMRS/FRS	18	462.6250 MHz	GMRS
8	467.5625 MHz	FRS	19	462.6500 MHz	GMRS
9	467.5875 MHz	FRS	20	462.6750 MHz	GMRS
10	467.6125 MHz	FRS	21	462.7000 MHz	GMRS
11	467.6375 MHz	FRS	22	462.7250 MHz	GMRS

16 Talking and Listening

To communicate, all radios in your group must be set to the same channel and Interference Eliminator Code.

To talk, press and hold ⓟ. Hold the radio 2 to 3 inches away from your mouth when talking.
When you finish talking, release ⓟ (press to talk, release to listen).

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 **"MON".** 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.

To set the code for a channel:

1. Press **"MODE"** twice until the code starts to flash.

2. Press **–** or **+** to select the code.

3. Press ⊕ 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 ⊕ for 60 continuous seconds.

Locking the Keypad

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

18 Special Features

Scanning Channels

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 "**MON**". The scan indicator displays ✔.

When the radio detects channel activity, it stops scanning and you can hear the transmission. To respond to the transmission, press (PTT) 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 $1-38$, the radio checks for activity only on channels using codes $1-38$ and ignores channels using code 0 .

Advanced Scan

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

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).

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.

To set a call tone:

1. With the radio on, press **"MODE"** 3 times. The current call tone setting flashes and $[R$ displays.
2. Press $\ominus$ or $\oplus$ to change and hear the call tone.
3. Press **"MODE"** or $\text{\tiny{PTT}}$ 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 and press **"CALL"**.

Notes

◆ The RT210 model has 10 call tones.

◆ Setting the call tone to $\square$ disables the call tone feature.

20 Alerts

Transmitting a Talk Confirmation Tone

You can set your radio to transmit an 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 (PTT) 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 ✚ .

Accessories

There is one audio accessory available for your radio.

Using Audio Accessories

1. Turn the radio off. Plug the accessory connector into the jack. See page 11 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 **"MON"** while rotating ⌂ to adjust the volume to a comfortable level.

4. To transmit, press ⓟ and speak into the accessory microphone, if any.

5. To receive, release ⓟ.

Handsfree (VOX)

Voice activation (VOX) allows you to talk handsfree when used with optional accessories connected to the radio.

1. Turn the radio off.

2. Insert the plug of the audio accessory firmly into the accessory jack.

3. Turn the radio on. 😼 displays.

4. Lower the radio volume before placing the accessory on your head or in your ear.

22 Accessories

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 (PTT) or remove the audio accessory.

Handsfree Use Without Accessories (iVOX)
You can use the iVox feature to transmit handsfree without the need for any voice activation (VOX) accessories. Once iVOX is turned on, the radio defects your voice and transmits when you speak.

1. Turn the radio off.
2. Turn the radio on while pressing (PTT). $\underset{\text{VOX}}{\rlap{\:\Longleftrightarrow}}$ displays.
3. To turn off iVox, turn the radio off.

Setting the Sensitivity Level
Adjusting the radio's sensitivity level helps minimize the possibility of unintended noises triggering a transmission and helps the radio pick up soft voices.

1. Press **"MODE"** until $\underset{\text{VOX}}{\rlap{\:\Longleftrightarrow}}$ displays.
2. Press **–** or **+** to select the sensitivity level.

$\exists$ **= High Sensitivity**
   for quiet environments

$\overline{c}$ **= Medium Sensitivity**
   for most environments

l **= Low Sensitivity**
   for noisy environments

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

Limited Warranty

Products Covered	Length of Coverage	Exclusions
A. **Products and Accessories** as defined above, unless otherwise provided for below.	A. One (1) year from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.	**Normal Wear and Tear.** Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage. **Batteries.** Only batteries whose fully charged capacity falls below 80% of their rated capacity and batteries that leak are covered by this limited warranty.

24 Warranty

Products Covered	Length of Coverage	Exclusions
1. <u>Decorative Accessories and Cases.</u> Decorative covers, bezels, PhoneWrap™ covers and cases.	**1. Limited lifetime warranty** for the lifetime of ownership by the first consumer purchaser of the product.	**<u>Abuse & Misuse.</u>** Defects or damage that result from: (**a**) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (**b**) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food; (**c**) use of the Products or Accessories for commercial purposes or subjecting the Product or Accessory to abnormal usage or conditions; or (d) other acts which are not the fault of Motorola or (Giant International Ltd.), are excluded from coverage.
2. <u>Monaural Headsets.</u> Ear buds and boom headsets that transmit mono sound through a wired connection.	**2. Limited lifetime warranty** for the lifetime of ownership by the first consumer purchaser of the product.	
3. <u>Consumer Two-Way Radio Accessories.</u>	**3. Ninety (90) days** from the date of purchase by the first consumer purchaser of the product.	
4. <u>Products and Accessories that are Repaired or Replaced.</u>	**4. The balance of the original warranty or for ninety (90) days** from the date returned to the consumer, whichever is longer.	

Products Covered	Length of Coverage	Exclusions
		Unauthorized Service or Modification. Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, or modification in any way by someone other than Giant International Ltd. or its authorized service centers, are excluded from coverage.
		Altered Products. Products or Accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched board serial numbers; or branded housings, or parts, are excluded from coverage.
		Communication Services. Defects, damages, or the failure of Products, Accessories or Software due to any communication service or signal you may subscribe to or use with the Products Accessories or Software is excluded from coverage.

26 Warranty

What will Giant International Ltd. Do? Giant International Ltd., at its option, will at no charge repair, replace or refund the purchase price of any Products, Accessories or Software that does not conform to this warranty. We may use functionally equivalent reconditioned/refurbished/pre-owned or new Products, Accessories or parts. No data, software or applications added to your Product, Accessory or Software, including but not limited to personal contacts, games and ringer tones, will be reinstalled. To avoid losing such data, software and applications please create a back up prior to requesting service.

How to Obtain Warranty Service or Other Information?
To obtain service or information, please call:

USA	Canada
Two-Way Radios 1-800-638-5156	**Two-Way radio 1-800-638-5156**

For **Accessories and Software,** please call the telephone number designated above for the product with which they are used.

You will receive instructions on how to ship the Products, Accessories or Software, at your expense, to a Giant International Ltd. Authorized Repair Center. To obtain service, you must include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; (c) the name of your service provider, if applicable; (d) the name and location of the installation facility (if applicable) and, most importantly; (e) your address and tele-phone number.

What Other Limitations Are There? ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND

FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, OTHERWISE THE REPAIR, REPLACEMENT, OR REFUND AS PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OF IMPLIED. IN NO EVENT SHALL MOTOROLA OR GIANT INTERNATIONAL LTD. BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, ACCESSORY OR SOFTWARE, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, SOFTWARE OR APPLICATIONS OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS, ACCESSORIES OR SOFTWARE TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

Some states and jurisdictions do not allow the limitation or exclusion of incidental or consequential damages, or limitation on the length of an implied warranty, 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 that vary from state to state or from one jurisdiction to another.

28 Copyright Information

Manufactured, distributed or sold by GIANT INTERNATIONAL official licensee for this product.

All other product or service names are the property of their respective owners. Please contact customer service at 800-638-5156 for questions/comments, warranty, support or service related to this product.

Realtree® and Advantage® are registered trademarks of and used under license by Jordan Outdoor Enterprises, Ltd.

© Jordan Outdoor Enterprises, Ltd.

◆ **22 Channels (8 GMRS, 7 GMRS/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.

◆ **Scanning**
Easily finds channel and code by searching all combinations.

◆ **Call Tones**
10 call tones.

◆ **Talk Handsfree**
With Voice Activation (VOX/iVOX) when used with accessory.

◆ **Talk Confirmation Tones**
Signals others you are finished talking.

◆ **NiMH Batteries and Charger Included**

◆ **Low Battery Alert**
Audible tone and visual display tell you when the battery is running down.

◆ **Illuminated Display**
Easy to read your settings in dark places.

◆ **Belt Clip Included**

◆ **1 Year Limited Warranty**
For warranty details, please ask your retailer.

◆ **User's Guide Included**

FRS/GMRS use approved in the US only; GMRS License Required.

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

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 6 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 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.