

OLYMPIA®

Two-Way Radio R500 Series

Owner's Manual

Waterproof Radio



Olympia 2-Way radios are intended for recreational (consumer) use only and are not intended for business use. Olympia offers an alternate product designed specifically for business use - Olympia P324 Business radio. See below for contact information.

For a list of accessories sold, please contact us.

Contact Us

For further information, call Giant International Ltd. at 1-866-537-0384, e-mail us at support@giantintl.com or visit us on the Internet at www.olympiaproducts.com

Safety and General Information

Warning: This manual contains important safety and operating information.

Please read, understand, and follow the instructions in this manual. Failure to do so could result in personal injury, death, and/or damage to the radio, accessories and/or other property.

Transmit and Receive Procedure

The 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 receive calls, release the Push-to-Talk (PTT) button.
- To transmit (talk), press 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

The Olympia Two-Way radio complies with the following RF energy exposure standards and guidelines:

- United States Federal Communications Commission, Code of Federal Regulations; 47CFR part 2 sub-part J.
- American National Standards Institute (ANSI)/Institute of Electrical and Electronic Engineer (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 Radiofrequency Electromagnetic Fields in the Frequency Range from 3 KHz to 300 GHz, 1999.

To ensure 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 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.

Body-Worn Operation

To maintain compliances with FCC/Health Canada RF exposure guidelines, if you wear a radio on your body when transmitting, always place the radio in a Olympia-supplied or approved clip, holder, holster, case or body harness for this product. Use of non-Olympia-approved accessories may exceed FCC/Health Canada RF exposure guidelines.

If you do not use one of the Olympia-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 1 inch (2.5 cm) from your body when transmitting.**

Electromagnetic Interference/Compatibility

Note: Nearly every electronic device is susceptible to electromagnetic interference (EMI) if inadequately shielded, designed or otherwise configured for electromagnetic compatibility. This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

1. This device may not cause harmful interference; and
2. This device must accept any interference received, including interference that may cause undesired operation.

Facilities

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

Aircraft

When instructed to do so, turn off the radio when onboard on 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.

People 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 there is 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.

Medical Devices - Other

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 regarding the use of radios in the area where you drive, and always obey them. If you do use the 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

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 the radio prior to entering any area with a potentially explosive atmosphere. Only radio types that are especially qualified should be used 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 the radio when you are near electrical blasting caps, in a blasting area, or in areas posted "Turn off Two-Way radios." 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—like 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:

1. Do not expose the charging adaptor to rain or snow.
2. 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.
3. To reduce the risk of electric shock, unplug the charging adaptor from the outlet before attempting any maintenance or cleaning.
4. Use of an attachment not recommended or sold by Olympia may result in a risk of fire, electric shock or personal injury.
5. Make sure the cord is located so it will not be stepped on, tripped over or subjected to damage or stress.
6. The supply cord of the AC adaptor cannot be replaced. If the cord is damaged, call customer service at 1-866-537-0384 or e-mail us at support@giantintl.com.

FCC Licensing Information

The Olympia radio operates on General Mobile Radio Service (GMRS) frequencies and is subject to the Rules and Regulations of the Federal Communications Commission (FCC). The FCC requires that all operators using GMRS frequencies obtain a radio license before operating their equipment. To obtain the FCC forms, please visit the FCC's Web site at wireless.fcc.gov/uls/index.htm?job=home to source form 605 and 159, which includes all the instructions you will need.

If you wish to have the document faxed or mailed, or if you have questions, please use the following contact information:

Fax: 1-202-418-0177

For Mail services: 1-800-418-3676

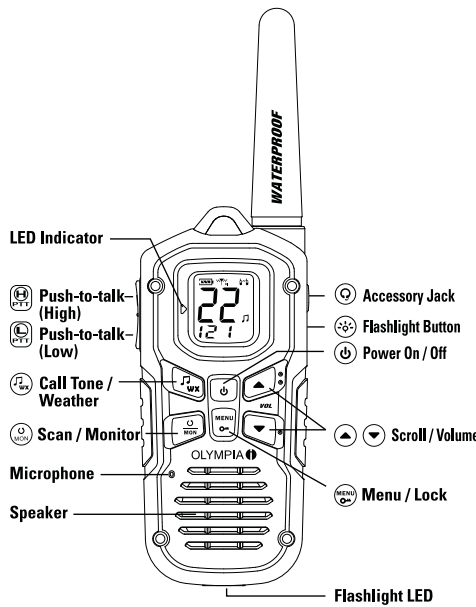
For FCC License Questions: 1-888-225-5322

Changes or modifications not expressly approved by Giant Intl. Ltd. may void the user's authority granted by the FCC to operate this radio and should not be made. To comply with FCC requirements, transmitter adjustments should be made only by or under the supervision of a person certified as technically qualified to perform transmitter maintenance and repairs in the private land mobile and fixed services as certified by an organization representative of the user of those services. Replacement of any transmitter component (crystal, semiconductor, etc.) not authorized by the FCC equipment authorization for this radio could violate FCC rules.

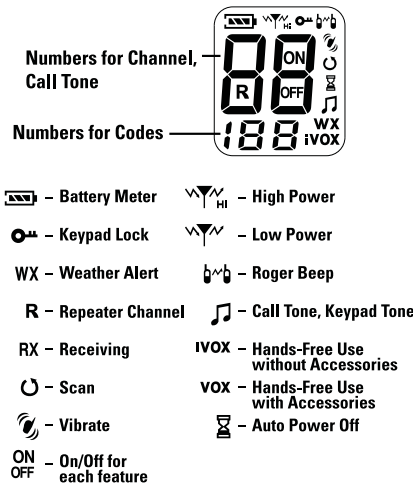
You can find the label with the FCC ID on the back of the radio.

Note: Use of this radio outside the country where it was intended to be distributed is subject to government regulations and may be prohibited.

Control Buttons



LCD Display Screen Guide



Getting Started

Waterproof

This radio is waterproof to IP-67 standards. It will withstand submersion under up to 1 meter of water for up to 30 minutes. The radio is resistant to water, rain, and splashes only when the battery cover and headset accessory port are sealed. Open the battery compartment door or headset port cover only when the radio is dry. Use of a headset accessory should be in dry environments only.

The charging base and AC adaptor are not waterproof. Do not expose the charger to rain or snow. Charge the radios only in a dry location. Do not place wet radios into the charging base.

Floats

This radio is designed to float with the NiMH batteries included. It may not float with some AA batteries. Each radio can use either 1 NiMH rechargeable battery pack or 3 AA alkaline batteries and beeps when the batteries are low.

Installing NiMH Rechargeable Battery Pack or AA Alkaline Batteries

1. With the radio off. Ensure that the belt clip is not attached to the radio.
2. With the back of the radio facing you, loosen the retaining screw on the battery door and open the cover.
3. Remove the NiMH battery pack from the clear plastic bag (do not disassemble or unwrap the battery pack) or remove AA batteries from its packaging.
4. Insert the NiMH battery pack with the diagram facing you or insert the three AA alkaline batteries with + and - polarity as shown inside the battery compartment.. (The ribbon should be underneath the battery pack and should wrap around the right side of the pack for easy removal.)
5. Close the battery cover and tighten the retaining screw on the battery door.

Radio Battery Meter

The radio battery icon shows the battery charge level, from full to empty . When the radio has one segment left , the radio chirps periodically or after releasing . (see Low Battery Alert section)

Removing the NiMH Battery Pack or AA Alkaline Batteries

1. With the radio off. Ensure that the belt clip is not attached to the radio
2. With the back of the radio facing you, loosen the retaining screw on the battery door to release the battery cover and open the cover.
3. Remove the NiMH battery pack or remove the AA batteries by gently pulling the ribbon attached to the radio.
4. Close the battery cover and tighten the retaining screw on the battery door.

Notes:

- AA Alkaline batteries are optional accessories and are sold separately.
- Exercise care when removing NiMH or AA batteries. Do not use sharp or conductive tools to remove either of these batteries.
- Remove the batteries before storing the radio for extended periods of time. Batteries corrode over time and may cause permanent damage to the radio.
- The battery door must be tightly closed with the screw to maintain the waterproof seal of the radio.

Using the Battery Charger

The battery charger provides drop-in charging convenience for NiMH batteries and can be placed on any flat surface, such as a desk or workbench. Charge the NiMH 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. Follow the steps above to install a NiMH Battery Pack.
2. Plug the AC power supply cord into the jack on the desk stand.
3. Plug the AC power supply into a standard wall outlet.
4. With a radio facing forward, slide it into one of the charging pockets.
5. When charging in the battery charger, the red light on the charger base will glow continuously.

Notes

- The light will remain red after the NiMH battery pack is fully charged.
- When moving between hot and cold temperatures, do not charge the NiMH battery pack until the battery temperature acclimates (usually about 20 minutes).
- For optimal battery life, remove the radio from the charger within 16 hours. Do not store the radio while connected to the charger.
- If the radio is kept on while charging, the charging time will be extended.
- Even though the charger is connected, you may not be able to transmit a message if the battery is completely empty . Allow time for the battery to charge to 1 bar before attempting to transmit a message.
- When the radio is wet from rain or snow, thoroughly dry the surface before charging or removing the batteries.

Low Battery Alert

In addition to the battery meter which visually shows the current battery charge level, the Low Battery Alert feature produces an audible chirp when the batteries are low.

Attaching and Removing the Belt Clip

1. Align the belt clip post with the groove on the back of the radio and slide it into place.
2. Gently push until the clip clicks in place.

To remove:

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

Turning the Radio On and Off

In the ON position, the radio chirps and briefly shows all feature icons available on the radio. The display screen then shows the current channel, code and all features that are enabled.

1. To turn on, press and hold until a channel number appears and the radio beeps.
2. To turn off, press and hold until the display goes blank.

Setting the Volume

The R500 has 16 volume levels controlled by the or keys.

1. Press to increase volume.
2. Press to decrease volume.
3. Hold or to rapidly increase or decrease volume.

Do not hold the radio close to your ear. If the volume is set to an uncomfortable level, it could hurt your ear.

Transmitting and Receiving Calls

To communicate, all radios in your group must be set to the same channel and code setting.

1. To talk, press and hold .
2. When you are finished talking, release .

For maximum clarity, hold the radio two to three inches away from your mouth and speak directly into the microphone. Do not cover the microphone while talking.

Power Boost

To boost the radio's power up to high power, press the top portion of the button when talking. If you know your party is close by, you can conserve the battery's energy by pushing the lower part of the button to use less power.

Note: If you are on an FRS only channel (see **Channels and Frequencies** table located at the back of the manual.) the radio will only use low power when either portion of the is pressed.

Monitor Button

Use the Monitor function to check if a channel is currently in use by others. For maximum range performance, the Monitor function will also help you to hear signals that are weak.

To latch the Monitor function on, press and hold for three seconds. When an empty channel is located, you will hear continuous static and noise on that channel.

~~To turn the Monitor function off, tap a second time or press .~~

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 hold for more than 60 seconds.

Menu Options

There are 12 options you may set to your preferences. Each press of the MENU key advances you to the next option setting. Press the or keys to change the setting. The menu will automatically close 5 seconds after the last press of any button. After the last menu item, the radio exits MENU mode and returns to operation of the radio. A press of the button while setting any menu option will immediately save all your settings and return to operation of the radio.

All MENU settings will revert to the factory default values if the battery is fully discharged or removed for more than 5 minutes.

Menus and Values

1. Channel (1-50 and 15R-22R)
2. Code (1-121 or OFF)
3. Call Tone (1-10 or OFF)
4. iVOX (ON/OFF)
5. VOX sensitivity (1-3)
6. Vibrate (ON/OFF)
7. Keypad Tones (ON/OFF)
8. Roger Beep (ON/OFF)
9. Auto Power Off (30/60/90 minutes or OFF)
10. Repeater Channel Enable (ON/OFF)
11. Repeater Transmitted Code

Selecting the Channel

The radio has 50 simplex channels plus 8 repeater duplex channels. The channel is the frequency the radio uses to transmit. (See the **Channels and Frequencies** table located at the back of the manual.) Channels are shared by other radio users and channel selection will vary based on your location. Select a channel that is not being used from the 50 available simplex channels. Channels 8-14 and channels 34-37 are low power (FRS 0.5 watt). All other channels are GMRS.

When the radio is on a FRS 0.5 watt channel, displays. When the radio is on a GMRS 1.5 watt channel, displays.

The 8 GMRS repeater duplex channels 15R – 22R are disabled by default. See **Enabling Repeater Channels** on overleaf in order to select a repeater channel.

1. Press . The current channel setting flashes.
2. Press or and select the channel.
3. Press to save the channel setting or to continue set up.

Selecting the Tone/Code

This radio has 121 code settings. When a channel is in use by 2 or more groups, this feature blocks the reception of signals that do not carry the matching tone or code. There are 121 codes. 0 is the off position, no analog or digital codes are enabled and all users of that channel will be heard. Codes 1 – 38 are the standard analog (CTCSS) codes that appear on other FRS/GMRS radios. Codes 39 – 121 are additional digital (CDCSS) codes added for superior interference protection. 0 is the off position.

See the **Tone/Code Setting Frequency** table located at the back of the manual for details on tone frequencies and code values.

To set the code for a channel:

- Press twice until the code starts to flash.
- Press or to select the code.
- Press to save the code setting or to continue set up.

You can set a different code for each channel using this procedure. An extended press of or allows you to scroll rapidly so you can quickly reach the code you want.

This menu setting for repeater channels 15R-22R is used for receiving only. The value must match with the repeater output. Many repeaters will require a value of 0 or OFF. The transmitted code is set separately and is often required for repeater access. See **“Selecting the Repeater Access (TX) Code”** section for additional information.

Note: You must set the code to 0 to communicate with radios that do not have codes.

Setting and Transmitting Call Tones

The radio can transmit different call tones to other radios in your group so you can alert them that you want to talk. The radio has 10 call tones from which to choose.

To set a call tone:

- With the radio on, briefly press until appears. The current call tone setting flashes.
- Press or to change and hear the call tone.
- Press to set the new call tone or to continue set up.

To transmit your call tone to other radios, set to the same channel and code as the radio, press .

Note: Setting the call tone to 0 disables the call tone feature.

Hands-Free Use Without Accessories (iVOX)

You can use the iVOX feature to transmit hands-free without the need for any headset accessories. Once iVOX is turned on, the radio detects your voice and transmits when you speak into the internal microphone.

- Press until **VOX** appears on the display. The current setting On/Off will flash.
- Press or to select On or Off.
- Press to set or to continue set up.

Hands-Free Use With Accessories (VOX)

You can transmit hands-free more reliably with the use of optional headset accessories. Once VOX is turned on, the radio detects your voice and transmits when you speak.

- Turn the radio off and plug the **VOX** accessory into the accessory port.
- Turn the radio on. **VOX** will show on the display.
- Adjust the volume appropriately by pressing or . Lower the volume before placing the accessory on your head or in your ear.
- To turn off, simply remove accessory.

Notes:

- There is a short delay between the time you start talking and when the radio transmits. There is a short delay before the transmission is completed.
- The accessory port cover must be tightly in place to maintain the water tight seal of the radio.

Setting the Sensitivity Level When in VOX Mode

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

- Press until **VOX** and the level setting (1 - 3) appear on the display.
- Press or to select the sensitivity level.
- Press to set or to continue set up.

3 = High Sensitivity for quiet environments

2 = Medium Sensitivity for most environments

1 = Low Sensitivity for noisy environments

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

Vibrate

Vibrate is a vibrating alert that notifies that the radio is receiving a message. This is useful in noisy environments. When the alert is on, the radio vibrates once every 30 seconds when you receive a message on the channel and code you set.

- To turn vibrating alerts on, press until is displayed. The current setting will flash.
- Press or to change the setting to On/Off.
- Press to set or to continue set up.

Keypad Tones

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

- Press until appears. The current setting On/Off will flash.
- Press or to turn On or Off.
- Press to confirm or to continue set up.

Note: When the key tone feature is off, the following are not disabled:

- Transmit timeout alert tone
- Call tone
- Low battery alert tone or
- The transmitted talk confirmation tone

Roger Beep Setting

You can set the radio to transmit a unique tone when you finish transmitting. It is like saying “Roger” or “Over” to let others know you are finished talking.

- With the radio on, briefly press until appears. The current setting On/Off flashes.
- Press or to turn On or Off.
- Press to set the talk confirmation tone or to continue set up.

Auto Power Off

The radio will save power by automatically turning itself off if unused after a predetermined amount of time.

- Activate this setting by pressing until displays. The current setting (0, 30, 60 or 90) will flash.
- Press or to set the time to 30 minutes, 60 minutes or 90 minutes. When this feature is activated, the will remain on the display.
- When you exit the Menu mode, the timer will begin. If a button is pressed, or if there is an incoming signal, the timer will restart.
- The screen will show .
- Press to confirm or to continue set up.

Enabling Repeater Channels

Use of a repeater can greatly increase the radio range and coverage area. Repeater use must be coordinated with the owner of the repeater. Be sure to understand and follow the sharing and usage rules for each repeater system.

- Press until the **R** appears. The current setting ON/OFF will flash.
- Press or to select ON or OFF.
- Press to save the setting or to continue set up.

After enabling the repeater channels, you will be able to select channels 15R-22R. Refer to the “Selecting the Channel” section on page one.

Selecting the Repeater Access (TX) Code

When a repeater channel is selected, an additional menu option is available for setting the transmitted code. Many repeaters will require a specific value setting to activate the repeater on your transmissions. See the **Tone/Code Setting Frequency** table for detailed information.

- Press repeatedly until the , the **R**, and the current setting flash.
- Press or to select the code.
- Pressor to exit menu mode.

You can set a different code for each channel using this procedure. An extended press of or allows you to scroll through the Interference Code rapidly so you can quickly reach the code you want. 0 is the off position.

Special Features

LED Flashlight

Press and hold the LED flashlight button to turn and keep the light on. The switch functions as a momentary control for the light.

Note: Turn off the flashlight when not in use to conserve battery power.

Keypad Lock

To avoid accidentally changing the radio settings, a keypad lock feature may be enabled. When in lock mode, you can only turn the radio OFF, Receive, Transmit, send a call tone, and use the monitor function. All other functions are locked.

- Press and hold until icon displays.
- To unlock the radio, press and hold until the icon is no longer displayed.

Scanning Channels

Use scan to search all 58 channels for transmissions from unknown parties, to find someone in your group who has accidentally changed channels, or to quickly find unused channels for your own use.

There is a priority feature and 2 modes of scanning (basic and advanced) to make your search more effective. The basic scan mode uses the channel and code combinations for each of the 58 channels as you have set them (or with the default code value of 1). The “Advanced Scan” mode will scan all channels for any and all codes, detect any code in use, and use that code value temporarily for that channel.

Priority is given to the “home channel,” i.e., the channel (and code) the radio is set to when you start the scan. This means the initial channel (and code setting) is scanned more often than the other channels, and the radio will respond quickly to any activity occurring on the home channel as a priority.

To start Basic Scanning:

- Briefly press the key. The scan will appear in the display, and the radio will begin to scroll through the channel and code combinations.
- When the radio detects channel activity matching the channel and code combination, it stops scrolling and you can hear the transmission.
- To respond and talk to the person transmitting, press within five seconds after the end of the transmission.
- The radio will resume scrolling through the channels five seconds after the end of any received activity.
- To stop scanning, briefly press the key.

To start Advanced Scanning:

Advanced Scanning is only available on channels 1-22.

- Set the code to “zero” or OFF. (the default code is set at 1)
- Briefly press the key. The scan will appear in the display, and the radio will begin to scroll through the channels. No codes will filter what is heard.
- When the radio detects channel activity with ANY code (or NO code), it stops scrolling and you can hear the transmission. Any code that may be in use by that party will be detected and displayed.
- To respond and talk to the person transmitting, press within five seconds of the end of the transmission. The radio will transmit using the newly detected code.
- The radio will resume scrolling through the channels five seconds after the end of any received activity.
- To stop scanning, briefly press the key.

Scanning Notes:

- If you press while the radio is scrolling through inactive channels, the transmission will be on the “home channel”. Scanning will resume five seconds after the end of the transmission. You may press the key to stop scanning at any time.
- If the radio stops on an undesired transmission, you may immediately resume the scan by briefly pressing or .
- If the radio repeatedly stops on an undesired transmission, you may temporarily remove that channel from the scan list by pressing and holding or for three seconds. You may remove more than one channel in this way.
- To restore the removed channel(s) to the scan list, turn the radio off and then back on, or exit and re-enter the scanning mode by pressing .
- You cannot remove the home channel from the scan list.
- In Advanced Scan, the detected code will only be used for one transmission. You must note the code, exit scan, and set that detected code on that channel to permanently use the detected code.

Weather Receiver

This radio can tune in to broadcasts by the United States National Oceanic and Atmospheric Administration (NOAA) Weather Radio.

You can listen to a weather channel (see “Weather Channels and Frequencies” table for details) or set the radio to alert you to emergency weather broadcasts that interrupt routine broadcasts.

When you listen to a weather channel, you cannot use the radio in scan mode or for two-way communications. NOAA has transmitters located throughout the United States. These transmitters broadcast watches, forecasts, and other information

24 hours a day.

Note: NOAA weather radio stations are assigned to cover specific areas and service may be limited. Please check with your local weather office for frequency and details, or visit www.weather.gov/nwr in the US to view the appropriate transmitter for your area. The use of the NOAA logo does not provide an endorsement or implied endorsement by NOAA’s National Weather Service.

Turning Weather Channel Reception On and Off

- To turn weather reception on, press and hold for 3 seconds.
- To turn off, press or turn the radio off and then back on.

Scanning for Weather Channel

The radio can scan for an active NOAA transmission automatically.

- After turning weather reception on, briefly press the key.
- The scan icon will appear in the display, and the channel will scroll through the NOAA channels 1-7.
- When the radio detects channel activity, it stops scanning and you can hear the transmission.
- You may resume the scan by briefly pressing or .
- To stop scanning, briefly press the key. The scan icon will disappear.

Setting the Weather Channel Manually

If you know which frequency is correct for your location, refer to the **Weather Channels and Frequencies** table located at the back of the manual to manually set the radio to the appropriate weather channel.

- After turning weather reception on, press . The current channel flashes.
- Press or to select the appropriate channel with good reception in your area.
- Press to save the weather channel setting.

Setting the Weather Alert

The radio can be set to respond to NOAA Weather Radio emergency messages. A special alarm tone sounds an alert and turns on the weather receiver to give you immediate weather and emergency information.

- After turning weather reception on, press twice. ON or OFF flashes.
- Press or to select ON to activate. If you activate the Weather Alert and return to two-way mode, **WX** will display.
- Press to save the Weather Alert setting.
- Press and hold for 3 seconds to return to two-way mode.

Package Includes

2 Olympia R500 2-Way radios, an owner’s manual as well as the following accessories:

- 1 Desktop Dual Charging Base
- 1 Wall Adaptor
- 2 NiMH (Rechargeable) Battery Packs
- 2 Belt Clips
- 1 Owner’s Manual

Warranty

Consumer 2-Way Radio Products and Accessories purchased in the United States.

What Does this Warranty Cover?

Subject to the exclusions contained to the right, Giant International Ltd. warrants the Olympia branded consumer 2-Way radios that operate via Family Radio Service or General Mobile Radio Service that it manufactures (“Products”), the Olympia branded or certified accessories sold for use with these products that it manufactures to be free from defects in materials and workmanship under normal consumer usage for the period(s) outlined below. This limited warranty is a consumer’s exclusive remedy, and applies as follows to new Olympia branded Products and accessories manufactured by Giant International Ltd., and purchased by consumers in the United States, which are accompanied by this written warranty:

Products and Accessories as defined above, unless otherwise provided for below:

2-Way Radios: Length of Coverage: Three (3) years from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.

Accessories as defined above: Ninety (90) days from the date of purchase by the first consumer purchaser of the product.

Products and Accessories that are repaired or replaced: The balance of the original warranty or for ninety (90) days from the date returned to the consumer, whichever is longer.

EXCLUSIONS

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.

Abuse & Misuse. 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) exposure to extreme heat and cold; (c) exposure beyond the IP ratings to liquid, water, rain, sand, dirt, dust, food, or the like, when the battery door or accessory port seals are not closed; (d) use of the Products or Accessories for business purposes or subjecting the Product or Accessory to abnormal usage or conditions; or (e) other acts which are not the fault of Giant International Ltd., are excluded from coverage.

Use of Non-Olympia branded Products and Accessories. Defects or damage that result from the use of Non-Olympia branded or certified Products, Accessories, or other peripheral equipment are excluded from coverage.

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 (d) nonconforming or non-Olympia branded housings, or parts, are excluded from coverage.

Who is covered?

This warranty extends only to the first consumer purchaser, and is not transferable.

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 or Accessories that does not conform to this warranty. We may use functionally equivalent reconditioned/refurbished/ pre-owned or new Products, Accessories or parts.

How to Obtain Warranty Service or Other Information?

To obtain service, information or to obtain a Return Authorization (RMA) #, please call:

USA Two-Way Radios

1-866-537-0384

support@giantintl.com

You will receive instructions on how to ship the Products or Accessories at your expense, to a GIANT INTERNATIONAL LTD. Authorized Repair Center. To obtain service, you must include:

- A copy of your receipt, bill of sale or other comparable proof of purchase
- A written description of the problem
- RMA #
- Your address and telephone 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 OR IMPLIED. IN NO EVENT SHALL GIANT INTERNATIONAL LTD. BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT OR ACCESSORY, 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 OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS OR ACCESSORIES 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.

General Mobile Radio Service (GMRS) Channels Along the Canadian Border, GMRS applicants must certify that they will comply with the requirement that use of frequencies 462.650, 467.6500, 462.7000and 467.7000 MHz is not permitted near the Canadian border North of Line A and East of Line C. These frequencies are used throughout Canada and harmful interference is anticipated{}

Channels and Frequencies

CH #	FREQ (MHz)	CODE	TYPE	CH #	FREQ (MHz)	CODE	TYPE
1	462.5625	ANY	GMRS	34	467.5625	48	FRS
2	462.5875	ANY	GMRS	35	467.6125	51	FRS
3	462.6125	ANY	GMRS	36	467.6625	54	FRS
4	462.6375	ANY	GMRS	37	467.7125	57	FRS
5	462.6625	ANY	GMRS	38	462.5750	60	GMRS
6	462.6875	ANY	GMRS	39	462.6250	63	GMRS
7	462.7125	ANY	GMRS	40	462.6750	66	GMRS
8	467.5625	ANY	FRS	41	462.7250	69	GMRS
9	467.5875	ANY	FRS	42	462.5625	14	GMRS
10	467.6125	ANY	FRS	43	462.6125	11	GMRS
11	467.6375	ANY	FRS	44	462.6625	8	GMRS
12	467.6625	ANY	FRS	45	462.7125	5	GMRS
13	467.6875	ANY	FRS	46	462.5500	2	GMRS
14	467.7125	ANY	FRS	47	462.6000	37	GMRS
15	462.5500	ANY	GMRS	48	462.6500	34	GMRS
16	462.5750	ANY	GMRS	49	462.7000	31	GMRS
17	462.6000	ANY	GMRS	50	462.5875	40	GMRS
18	462.6250	ANY	GMRS	15R	462.5500	ANY	RX GMRS
19	462.6500	ANY	GMRS		467.5500	ANY	TX GMRS
20	462.6750	ANY	GMRS	16R	462.5750	ANY	RX GMRS
21	462.7000	ANY	GMRS		467.5750	ANY	TX GMRS
22	462.7250	ANY	GMRS	17R	462.6000	ANY	RX GMRS
23	462.5625	38	GMRS		467.6000	ANY	TX GMRS
24	462.6125	35	GMRS	18R	462.6250	ANY	RX GMRS
25	462.6625	32	GMRS		467.6250	ANY	TX GMRS
26	462.7125	29	GMRS	19R	462.6500	ANY	RX GMRS
27	462.5500	26	GMRS		467.6500	ANY	TX GMRS
28	462.6000	23	GMRS	20R	462.6750	ANY	RX GMRS
29	462.6500	20	GMRS		467.6750	ANY	TX GMRS
30	462.7000	17	GMRS	21R	462.7000	ANY	RX GMRS
31	462.5875	39	GMRS		467.7000	ANY	TX GMRS
32	462.6375	42	GMRS	22R	462.7250	ANY	RX GMRS
33	462.6875	45	GMRS		467.7250	ANY	TX GMRS

Tone/Code Setting Frequency (Hz)

CODE	CTCSS (Hz)	CODE	CDCSS (Octal)	CODE	CDCSS (Octal)
1	67.0	39	023	81	315
2	71.9	40	025	82	331
3	74.4	41	026	83	343
4	77.0	42	031	84	346
5	79.7	43	032	85	351
6	82.5	44	043	86	364
7	85.4	45	047	87	365
8	88.5	46	051	88	371
9	91.5	47	054	89	411
10	94.8	48	065	90	412
11	97.4	49	071	91	413
12	100.0	50	072	92	423
13	103.5	51	073	93	431
14	107.2	52	074	94	432
15	110.9	53	114	95	445
16	114.8	54	115	96	464
17	118.8	55	116	97	465
18	123.0	56	125	98	466
19	127.3	57	131	99	503
20	131.8	58	132	100	506
21	136.5	59	134	101	516
22	141.3	60	143	102	532
23	146.2	61	152	103	545
24	151.4	62	155	104	565
25	156.7	63	156	105	606
26	162.2	64	162	106	612
27	167.9	65	165	107	624
28	173.8	66	172	108	627
29	179.5	67	174	109	631
30	186.2	68	205	110	632
31	192.8	69	223	111	654
32	203.5	70	226	112	662
33	210.7	71	243	113	664
34	218.1	72	244	114	703
35	225.7	73	245	115	712
36	233.6	74	251	116	723
37	241.8	75	261	117	731
38	250.3	76	263	118	732
		77	265	119	734
		78	271	120	743
		79	306	121	754
		80	311		