

Owner's Manual

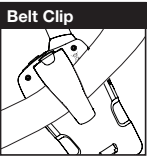
TWO-WAY RADIO MODEL  
R300

Printed in China  
Part No. XEM-ML37503A  
English

Introduction  
Making Life Easier and Safer

Staying in touch with your family and friends is convenient and easy when using your microTALK® radio. Some of the many uses you will discover include:

Communicating with others while hiking, biking, and working; keeping track of family and friends at a crowded public event; checking with travel companions in another car; talking with neighbors; arranging meeting spots with others while shopping at the mall.



**Secure your microTALK® radio while on the go.**  
Carrying your microTALK® radio with you is easy when using the belt clip or optional wrist strap.  
The belt clip easily attaches to your belt, purse, or backpack.

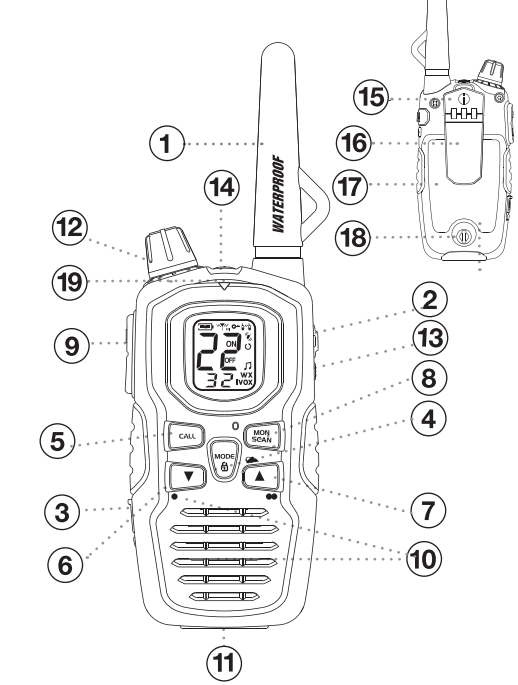
Customer Assistance  
Product Service & Support

For any questions about operating this new Olympia branded product, PLEASE CONTACT US FIRST... do not return this product to the retail store. The contact information for support will vary depending on the country in which you purchased and utilize the product.

To obtain warranty service or other information for products purchased from us itself or through its authorized reseller or agent and utilized in the U.S.A., please call our consumer support line at **(866) 721-3805**. You will receive instructions on how to ship the products at your expense to an our Authorized Service 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; and, most importantly; (c) your address and telephone number.

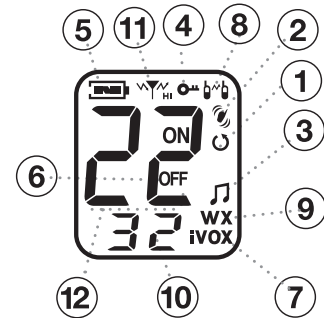
For warranty and customer service information outside the US, please contact your local dealer.

Introduction  
Product Features



- |                               |                            |
|-------------------------------|----------------------------|
| 1. Antenna                    | 10. Speaker/Microphone     |
| 2. Microphone Jack            | 11. Flashlight LED         |
| 3. Charge Jack                | 12. Volume/Power knob      |
| 4. Mode/Keypad Lock Button    | 13. Flashlight Button      |
| 5. Call Button                | 14. Emergency Alert Button |
| 6. Down Buttons               | 15. Wrist Strap Connection |
| 7. Weather/Up Button          | 16. Belt Clip              |
| 8. Monitor/Scan Button        | 17. Battery Compartment    |
| 9. Talk Buttons/Power Buttons | 18. Battery Door Screw     |
|                               | 19. LED Indicator          |

Backlit LCD Display



1. Scan Icon
2. Vibrate Icon
3. Call Tone/Keypad Tone Icon
4. Keypad Lock Icon
5. Battery Meter Icon
6. On/Off for each feature Icon
7. Hands-Free Use with/without Accessories Icon
8. Roger Beep Icon
9. Weather Alert Icon
10. Privacy Code Numbers
11. High/Low Power Icon
12. Channel Numbers

Maximum range may vary and is based on unobstructed line-of-sight communication under ideal conditions.

Operation  
Using Your Radio



Quick Start

1. Turn clockwise to turn the radio on.
2. Press once on the mode button to change channels



Both radios must be tuned to the same channel/privacy code to communicate.

3. Press and hold the **Talk** button while speaking into the microphone.
4. When finished talking, release the **Talk** button and listen for a response.

Getting Started

Waterproof

This radio is waterproof to IP54 standards. It is dust / splashproof from any direction. The radio is resistant to water and rain splashes only when the battery cover, headset accessory and micro-USB ports 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 micro-USB cable and plug is not waterproof. Do not expose the charger to rain or snow. Charge the radios only in a dry location. The battery door must be tightly closed with the screw to maintain the weatherproof seal of the radio.

A-3



Operation  
Mode Functions

There are 9 options you may set to your preferences. Each press of the mode 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.

- |                            |                          |
|----------------------------|--------------------------|
| 1. Channel (1-22)          | 6. Extended Battery Save |
| 2. Codes                   | 7. Vibrate               |
| 3. Call Tone (1-20 or OFF) | 8. Keypad Tones (ON/OFF) |
| 4. iVOX (ON/OFF)           | 9. Roger Beep (ON/OFF)   |
| 5. VOX                     |                          |

Selecting the Channel

The radio has 22 channels that are compatible with all brands of 2-Way radios. 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 22 available simplex channels.

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

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

1. Briefly press and release . The channel number flashes.
2. Press or to select a channel.
3. Press to confirm or to continue set up.

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Installing NiMH Rechargeable Batteries

1. Turn 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 batteries from its packaging.
4. Insert the NiMH batteries with + and - polarity as shown inside the battery compartment. (The ribbon should be underneath the batteries and should wrap around the right side of the batteries 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 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 battery door and open the cover.
3. Remove the NiMH or remove the alkaline batteries by gently pulling the ribbon attached to the radio.
4. Reposition the battery door onto the radio and tighten the screw.

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.

1. Press until **iVOX** appears on the display. The current setting On/Off will flash.
2. Press or to select On or Off.
3. 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.

1. Turn the radio off and plug the **VOX** accessory into the accessory port.
2. Turn the radio on. **VOX** will show on the display.
3. Adjust the volume appropriately by adjusting **Volume** Knob  
Lower the volume before placing the accessory on your head or in your ear.
4. To turn off, simply remove accessory.

Notes:

- Non-rechargeable alkaline batteries can also be used in your radio.
- 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.
- Do not attempt to charge alkaline batteries.
- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc), or rechargeable (Ni-Cd, Ni-MH, etc.) Batteries
- Use only supplied rechargeable batteries and charger for recharging your Olympia microTALK® radio.
- 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 water resistant seal of the radio.

Using the micro-USB Charging Connector

The micro-USB charging connector is a handy port that allows you to conveniently charge the rechargeable NiMH batteries. If using a computer, the computer must be turned on.

1. Plug the micro-USB cable or charger into a power source as is appropriate for your accessory.
2. Plug the cable into the micro-USB port on the bottom of the radio.
3. An empty battery will be fully charged in 14 hours.
4. The battery icon will scroll as the battery is being charged. The scrolling icon will stop when the battery is fully charged.

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 or iVOX 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.

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

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Extended Battery Save Mode

This feature puts the radio into a low power “sleep” mode for cycle periods of 1, 2, or 3 seconds. The radio will briefly check for any channel activity after each sleep cycle. The sleep cycle repeats until a key is pressed or a call is received.

1. Signals received during the sleep period will not be heard until after the timer period expires. The first 1-3 seconds of speech can be missed. Do not use (battery save) 1, 2, or 3 settings when immediate response may be required.
2. SCAN, VOX, and iVOX modes are not available with extended battery save modes. Using SCAN, VOX, or enabling iVOX will necessarily disable the extended sleep cycle battery settings.
3. Maximum battery life savings may be achieved only when usage is primarily in standby mode and very little TX or RX (talking or listening) use occurs. When RX or TX are often used, little or no battery life extension will occur.

| Feature  | Description                                            |
|----------|--------------------------------------------------------|
| <b>0</b> | <b>Normal battery save mode</b>                        |
| <b>1</b> | <b>1 sec. extended battery save mode (low setting)</b> |
| <b>2</b> | <b>2 sec. extended battery save mode (mid setting)</b> |
| <b>3</b> | <b>3 sec. extended battery save mode (max setting)</b> |

VibrAlert®

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.

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

Weather Channels and Frequencies

| CHANNEL | RX (MHz) | CHANNEL | RX (MHz) | CHANNEL | RX (MHz) |
|---------|----------|---------|----------|---------|----------|
| WX1     | 162.550  | WX5     | 162.450  | WX9     | 161.775  |
| WX2     | 162.400  | WX6     | 162.500  | WX10    | 161.750  |
| WX3     | 162.475  | WX7     | 162.525  | WX11    | 162.000  |
| WX4     | 162.425  | WX8     | 161.650  |         |          |

Setting the Weather Channel Manually

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

1. After turning weather reception on, press . The current Channel flashes.
2. Press or to select the appropriate channel with good reception in your area.
3. 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.

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

Keypad Tones

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

1. Press until appears. The current setting On/Off will flash.
2. Press or to turn On or Off.
3. 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.

1. With the radio on, bridfly press until appears. The current setting On/Off flashes.
2. Press or to turn On or Off.
3. Press to set the talk confirmation tone or to exit menu mode.

Special Features

Emergency Alert Mode

The Emergency Alert feature can be used to signal members in your group of your need for urgent help. R300 series radios will operate in an automatic “hands-free” emergency control mode for a total of 30 seconds after activating the Emergency Alert.R300 series radios in your group will automatically advance the speaker volume to the maximum setting and sound a warbling alert tone for 8 seconds. The alert tone is emitted from your own radio speaker and the receiving radios in your group. After the 8 second alert, any spoken words or incidental sounds at your end will be transmitted to the group for 22 seconds. For the 30 second duration of Emergency Alert mode, R300 series radio controls and buttons will be locked to maximize reception of the emergency message.

1. Press and hold the Emergency Alert button for 3 seconds.
2. Release the button after the LED Indicator glows red and the alert tone begins to sound. There is no need to continue to hold the Emergency Alert button or use PTT for your message to be transmitted.
3. After the alert tone ends you may speak into the microphone. Your voice or incidental sounds will be transmitted. The LED indicator will continue to glow for the duration of the 22 second period.
4. After 30 seconds your radio speaker will emit a Talk Confirmation Tone and the LED Indicator will extinguish. Operation then returns to normal two-way mode.

**Note:** All Olympia R300 series radios are fully compatible with the Emergency Alert feature. Radio brands other than Olympia R300 series can receive the emergency alert signal, but may not respond with adjusted volume settings, locked controls, or a warbling alert tone. Users of other radio models set to the same channel and code will hear a steady tone for 8 seconds followed by the voice transmission for 22 seconds.

residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Safety Information For microTALK® Radios

Your wireless handheld portable transeceiver contains a low power transmitter. When the Talk button is pushed, it sends out radio frequency (RF) signals. The device is authorized to operate at a duty factor not to exceed 50%. In August 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless devices.

Important:

FCC RF Exposure Requirements: For body-worn operation, this radio has been tested and meets the FCC RF exposure guidelines when used with Olympia accessories supplied or designated for this product. Use of other accessories may no ensure compliance with FCC RF exposure guidelines. Use only the supplied antenna. Unauthorized antennas, modifications, or attachments could damage the transmitter and may violate FCC regulations.

Normal Position:

Hold the transmitter approximately 25 mm from your face and speak in a normal voice, with the antenna pointed up and away.

ISED C WARNING

This device complies with ISED license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference received,including interference that may cause undesired operation of the device.

Under ISED regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by ISED.C. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication. The applicant is responsible for providing proper instructions to the user of the radio device, and any usage restrictions, including limits of exposure durations. The user manual shall provide installation and operation instructions, as well as any special usage conditions, to ensure compliance with SAR and/or RF field strength limits. For instance, compliance distance shall be clearly stated in the user manual.

IMPORTANT NOTICE: FCC LICENSE REQUIRED

**WARNING:** Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

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.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a

**Warning:** The Emergency Alert feature should only be used in the event of an actual emergency. Olympia is not responsible if there is no response to the emergency alert from the receiving group.

LED Flashlight

Press and hold the LED flashlight vutton 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, adjust volume and use the monitor function. All other functions are locked.

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

Scanning Channels

Use scan to search all 22 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 22 channels as you have set them (or with the default code value of 0). 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:

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

To start Advanced Scanning:

1. Set the code to “zero” or OFF.
2. 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.
3. 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.
4. To respond and talk to the person transmitting, press within five seconds at the end of the transmission. The radio will transmit using the newly detected code.
5. The radio will resume scrolling through the channels five seconds after the end of any received activity.
6. To stop scanning, briefly press the key.

**Scanning Notes:**

1. If you press while the radio is scrolling through inactive channels, the transmission will be on the “home channel”. Scanning will resume fice seconds after the end of the transmission. You may press the key to stop scanning at any time.
2. If the radio stops on an undesired transmission, you may immediately resume the scan by briefly pressing or .
3. 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.
4. 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 .
5. You cannot remove the home channel from the scan list.
6. 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](http://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

1. To turn weather reception on, press and hold **Weather** Button for 3 seconds.
2. To turn off, press **Weather** Button or turn the radio off and then back on.

Scanning for Weather Channel

The radio can scan for an active NOAA transmission automatically.

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

LIMITATION OF REMEDIES AND DAMAGES. REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. WE SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO ATTORNEYS’ FEES AND/OR COSTS OF LITIGATION, FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. WE ARE NOT LIABLE FOR ANY DAMAGES CAUSED BY THE PRODUCT OR BY THE PRODUCT TO PERFORM, INCLUDING ANY LOST PROFITS, LOST SAVINGS, INCIDENTAL DAMAGES, OR CONSEQUENTIAL DAMAGES. WE IS NOT LIABLE FOR ANY CLAIM MADE BY A THIRD PARTY OR MADE BY YOU FOR A THIRD PARTY. THIS LIMITATION APPLIES WHETHER DAMAGES ARE SOUGHT, OR A CLAIM MADE, UNDER THIS WARRANTY OR AS A TORT CLAIM (INCLUDING NEGLIGENCE OR STRICT PRODUCT LIABILITY), A CONTRACT CLAIM, OR ANY OTHER CLAIM. THIS LIMITATION CANNOT BE WAIVED OR AMENDED BY ANY PERSON. THIS LIMITATION OF LIABILITY WILL BE EFFECTIVE EVEN IF WE OR AN AUTHORIZED REPRESENTATIVE OF WE HAS BEEN ADVISED BY YOU OF THE POSSIBILITY OF ANY SUCH DAMAGES.

Some states and countries do not allow limitations on how long an implied warranty lasts and do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations 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 and country to country.

Provided that the product was purchased from us itself or through its authorized reseller or agent and utilized in the U.S.A., We will, without charge, repair or replace, at its option, defective products, products or component parts upon delivery to the authorized Service Center, accompanied by proof of the date of first customer purchase, such as a duplicated copy of a sales receipt.

You must pay any initial shipping charges required to ship the product for warranty service, but the return charges, to an address in the U.S.A, will be at us’ expense, if the product is under warranty.

For Products Purchased Outside the U.S.A.

Please contact your authorized local reseller or agent for warranty information.

**MODEL R300:**  
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.

FCC Warnings: Replacement or substitution of transistors, regular diodes or other parts of a unique nature, with parts other than those recommended by Olympia may cause a violation of the technical regulations of part 95 of the FCC rules, or violation of type acceptance requirements of part 2 of the rules.