



Walkie Talkie

Model: OZA19LT001

PRODUCT GUIDE

Ver.01 Rev.mms/dd/yy

SAFETY AND GENERAL INFORMATION

RF Exposure and Product Safety Instructions for Portable Two-Way Radios General Populated and Uncontrolled Environments.

ATTENTION:

Before using this radio, refer to the important operating instructions for safe usage and RF energy awareness and control for compliance with applicable Standards and Regulations.

Compliance with RF Exposure Standards.

Your Two-Way radio complies with the following RF energy exposure standard and guidelines:

- United States Federal Communications Commission, Code of Federal Regulations; 47 CFR et seq. & FCC.
- Institute of Electrical and Electronic Engineers (IEEE) C95.1.

Transmit and Receive Procedure

Your two-way radio contains a transmitter and a receiver. To control your exposure and ensure compliance with the general population /uncontrolled environment exposure limits, always adhere to the following procedure:

- Transmit no more than 50% of the time.
- To receive calls, release the PTT button.
- To transmit (talk), press the Push-to-Talk (PTT) button in front of the face.
- Hold the radio in a vertical position with the microphone (and

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other parts of the radio including the antenna) at least one inch (2.5 centimeters) away from the nose or lips. Keeping the radio at a proper distance is important to ensure compliance.

Note: RF exposure decreases with increasing distance from the antenna.

- Body Worn Operation. When worn on the body, always place the radio in a approved clip for this product.

Two-way Radio Operation

- Use only approved supplied or replacement antennas and audio accessories.

WARNING: 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.

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 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

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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.

Any changes or modifications 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 condition that this device does not cause harmful interference.

RF warning statement:

The device must be installed and operated in accordance with provided instructions and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance. The SAR limit adopted by US is 1.6 W/kg averaged over 1 grams of tissue. The highest SAR value for this device type when properly worn on the body is 0.77 W/kg.

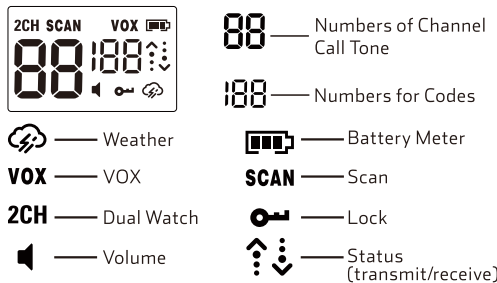
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CONTROL BUTTONS



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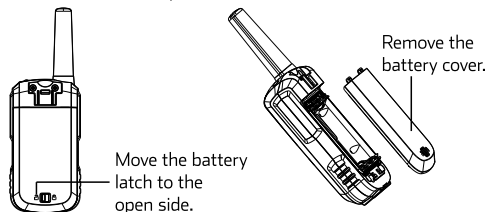
DISPLAY SCREEN GUIDE



GETTING STARTED

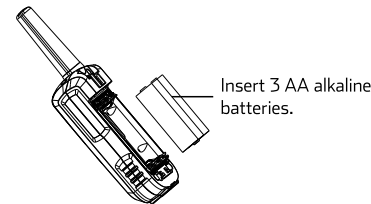
Installing the Batteries

1. Remove the battery cover.

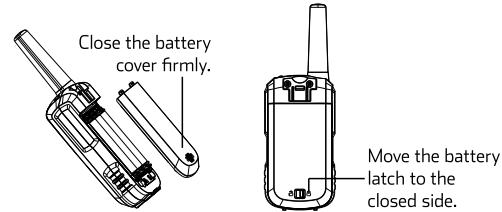


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2. Insert 3 AA alkaline batteries with + and - polarity as shown inside.



3. Close the battery cover firmly.



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Note:

- Be careful when removing batteries. Do not use sharp or conductive tools to remove either of these batteries.
- Remove the batteries before storing your radio for extended periods of time. Batteries corrode over time and may cause permanent damage to your radio.

- Do not mix old and new batteries and Do not mix alkaline, standard (carbon-zinc) or rechargeable (ni-cad, ni-mh, etc.) batteries.
- This product contains small parts such as (batteries, battery cover and screws) that may cause suffocation if swallowed by children.

Radio Battery Meter

The number of bars on the radio battery icon shown indicates the battery level. When the radio battery meter shows one segment, the radio chirps periodically (Low Battery Alert). In battery low status, the radio will sound the alert every 10 minutes or after releasing the PTT button.

Note: Remove the battery from radio for storage purposes.

Turning your Radio On and Off

1. Press and hold on the (MON/SCAN) button to turn your radio ON/OFF. In the ON position, the radio chirps and briefly shows all feature icons available on the radio.
2. The display screen then shows the current channel, code and all features that are enabled. The radio is in Two-Way mode.

Setting the Volume

Press and hold (MON/SCAN) button for three seconds to listen to volume level.



1. First press either (VOL+) or (VOL-) to trigger volume change. You will see current volume level on screen.
2. Press (VOL+) to increase the volume. Press (VOL-) to decrease the volume.

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

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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 the PTT button. When transmitting, the  icon is shown.
- When you are finished talking, release the PTT button.
- When receiving, the  icon is shown.

For maximum clarity, hold the radio 2 to 3 centimeters away from your mouth and speak directly into the microphone. Do not cover the microphone while talking.

Talk Range

Your radio is designed to maximize performance and improve transmission range. Do not use the radios closer than five feet apart.

Monitor Button


Press and hold  button for 3 seconds to enter monitor mode and listen for weak signals on the current channel. You can also listen to the volume level of the radio when you are not receiving. This allows you to adjust the volume, if necessary. You can also press  button to check for activity on the current channel before you talk.

Push-to-Talk Timeout Timer

To prevent accidental transmissions and save battery life, radio will stop transmitting if you press PTT button for 60 seconds continuously.





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Mode Button

Press and hold  button for 3 seconds, the user will be seamlessly switching between two-way and weather mode.

Selecting the Channel

The channel is the frequency of the radio uses to transmit.

- In two-way standby mode, press  or  button to select the desired channel.
- If you press and hold  or  button the channel numbers will scroll rapidly.

MENU OPTIONS

Selecting the Interference Eliminator Code

Sub-Codes help minimize interference by blocking transmission from unknown sources. Your radio has 121 Sub-Codes.

To set the code for a channel:


- Press the  button until the code number starts to flash.
- Press  /  or  /  button to select code number.
- Press the PTT button to exit menu or  button to continue setup.

Setting and Transmitting Call Tones

Your radio can transmit different call tones to other radios in your group when you pressed  button.

The radio has 10 call tones ('0' = 'tone off').

To set a call tone:

- Press  button until call tone 'CA' appears. The current call







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tone setting flash.

- Press  /  or  /  button to change and listen to the call tone.
- Press the PTT button to exit menu or  button to continue setup.

Voice Operated Transmission (VOX)

Transmission is initiated by speaking into the microphone of the radio instead of pushing the PTT button.






- To activate VOX, press  button until 'VOX' appears on the display. The current setting (0, 1-3) will flash.
- Press  /  or  /  button to select the sensitivity level.
- Press the PTT button to exit menu or  button to continue setup.

L3=High Sensitivity for quiet environments
L2=Medium Sensitivity for most environments
L1=Low Sensitivity for noisy environments
L0=Turn Off VOX function

Dual Channel Monitor

Enable you to scan current channel and another channel alternately.


To set another channel and start Dual Watch.

- Press  button until '2CH' appears on the display. The current setting (OF, 1-22) will flash.
- Press  /  or  /  button to select channels.
- Press the PTT button or wait until the time out menu to

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Both NOAA and Environment Canada have transmitters located throughout the United States and Canada, respectively. These transmitters broadcast watches, forecasts and other information 24 hours a day.

Entering Weather Mode

From two-way mode, press and hold  button for 3 seconds to enter weather mode.

Setting the Weather Channel

Your radio receives weather frequencies:

- In weather mode, press  or  button to select the appropriate channel with good reception in your area.
- Press  or  button to adjust the weather receive volume.

WEATHER CHANNELS AND FREQUENCIES

Weather Channel	Frequency (MHz)	Weather Channel	Frequency (MHz)
WX1	162.550	WX7	162.525
WX2	162.400	WX8	161.650
WX3	162.475	WX9	161.775
WX4	162.425	WX10	161.750
WX5	162.450	WX11	162.000
WX6	162.500		

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
activate Dual Watch. The screen will alternate between Home Channel and Dual Watch Channel.


To end Dual Watch mode, re-enter Dual Watch menu to select the OFF setting.

Note: If you set the same channel and code as current channel, Dual Watch does not work.

SPECIAL FEATURES


Keypad Tones

Your radio emits a beep each time one of the buttons is pressed (except the PTT and  button).

Press and hold  button while turning the radio ON to switch the keypad tone ON/OFF.





Roger Tone

You can set your radio to transmit a unique tone when you finish transmitting.

Press and hold  button while turning the radio ON to turn the Roger Beep ON. Repeat the step to turn Roger Beep OFF.

Keypad Lock

To avoid accidentally changing your radio settings:



- To lock the radio, press and hold  button until the key lock indicator  icon on display appear.
- To unlock the radio, press and hold  button until key lock indicator  icon on display disappear.

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Scanning Channels

Use scan to search all 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.




To Start Scanning:

- Briefly press the  button, the **SCAN** icon 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 the PTT button within 5 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  button.

Scanning Notes:


- If you press the PTT button while the radio is scrolling through inactive channels, the transmission will be on the "home channel". Scanning will resume 5 seconds after the end of your transmission. You may press the  button to stop scanning at any time.
- If the radio stops on an undesired transmission, you may immediately resume the scan by briefly pressing  or  button.
- If the radio repeatedly stops on an undesired transmission, you may temporarily remove that channel from the scan list

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- by pressing and holding  for  3 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 turn back on, or exit and re-enter the scanning mode by pressing  button.
- You cannot remove the home channel from the scan list.

LED Lamp

Your radio has a built-in-LED Lamp.

Briefly press the  button once to ON the lamp, press again to OFF the lamp.

Automatic Power Save

For better battery life, your radio is designed to switch to Power Save mode when it has been no transmissions after 5 seconds. The radio can receive transmissions in this mode.

WEATHER RECEIVE

Weather feature is available designed for use in USA and Canada. Your radio can tune in to broadcasts by the United States National Oceanic and Atmospheric Administration (NOAA) Weather Radio and Environment Canada Weather Radio.

You can listen to a weather channel (see "Weather Channels and Frequencies" table for details) or set your radio to alert you to emergency weather broadcasts that interrupt routine broadcasts. When you listen to a weather channel, you cannot use your radio in scan mode or for two-way communications.

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FRS CHANNEL AND FREQUENCIES

Model OZA19LT001
This FRS device is approved for USA.

Channel	Frequency (MHz)	Max Power Output	Channel	Frequency (MHz)	Max Power Output
1	462.5625	0.5W	12	467.6625	0.5W
2	462.5875	0.5W	13	467.6875	0.5W
3	462.6125	0.5W	14	467.7125	0.5W
4	462.6375	0.5W	15	462.5500	0.5W
5	462.6625	0.5W	16	462.5750	0.5W
6	462.6875	0.5W	17	462.6000	0.5W
7	462.7125	0.5W	18	462.6250	0.5W
8	467.5625	0.5W	19	462.6500	0.5W
9	467.5875	0.5W	20	462.6750	0.5W
10	467.6125	0.5W	21	462.7000	0.5W
11	467.6375	0.5W	22	462.7250	0.5W

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