

USER MANUAL



Model: ONA19WT001
ONA19WT002
ONA19WT003

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.
- Ministry of Health (Canada) Safety Code 6 & Industry Canada RSS-102.

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 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.

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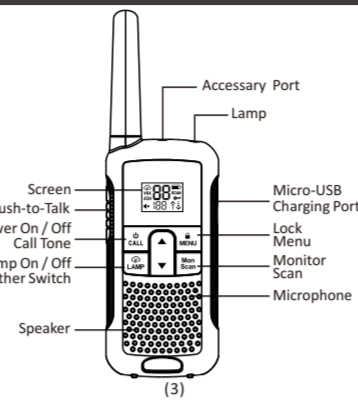
- Consult the dealer or an experienced radio/TV technician for help.

RF warning statement:

The device has been evaluated to meet general RF exposure requirement.

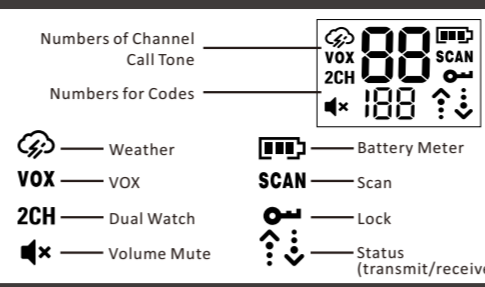
The device can be used in portable exposure condition without restriction.

CONTROL BUTTONS



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DISPLAY SCREEN GUIDE



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GETTING STARTED

Installing the Three AA NiMH Rechargeable Battery

- Take the belt clip off.
- With the back of the radio facing you, lift the battery cover latch up and remove the cover.
- Insert the three AA NiMH battery with + and - polarity as shown inside.
- Close the battery cover firmly.

Radio Battery Meter

The number of bars (■ ■ ■) on the radio battery icon shown indicates the charge remaining in the battery. 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.

Removing the Three AA NiMH Rechargeable Battery

- Turn the radio off.
- With the back of the radio facing you, lift the battery cover latch up and remove the cover.
- Remove each of the three AA NiMH rechargeable battery by pulling the ribbon attached to the radio.
- Close the battery cover firmly.

Notes:

- Be careful when removing NiMH 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.

Battery Capacity Maintenance

- Charge the NiMH batteries once every 3 months when not in use.
- Before placing the radio in storage, remove the battery.
- Store the NiMH batteries in temperature between -20 °C to 35 °C and in low humidity. Avoid damp conditions and corrosive materials.

Using the Micro-USB Charger

The micro-USB charger is a handy port that allows you to

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- Press (▲) or (▼) button to select the appropriate channel with good reception in your area.
- Press the PTT button to set and exit menu.

WEATHER CHANNELS AND FREQUENCIES

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

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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). When you listen to a weather channel, you cannot use your radio in scan mode or for two-way communications.

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.

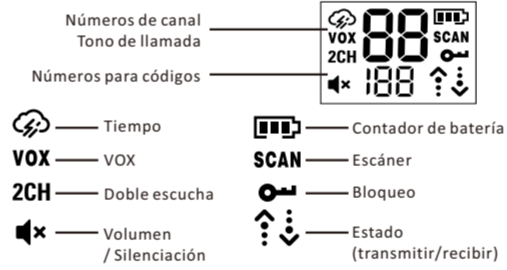
Setting the Weather Channel

Your radio receives weather frequencies:

- In weather mode, press the (■) button until weather channel number flashes.

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GUÍA DE PANTALLA DE VISUALIZACIÓN



CÓMO EMPEZAR

Instalación de la batería recargable NiMH de tres AA

- Retirar el broche.
- Con la parte posterior de la radio hacia usted, levantar la tapa que cubre la batería y retirarla.
- Poner las tres pilas AA NiMH con polaridad + y - como se muestra en el interior.
- Cerrar la tapa de la batería firmemente.

Medidor de batería de radio

El número de barras (■ ■ ■) en el icono que se muestra de la batería de la radio indica la carga restante en la batería. Cuando el medidor de batería de radio muestra un segmento, la radio emite sonidos de manera regular (Alerta de batería baja). Cuando la batería está baja,

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la radio emitirá un sonido de alerta cada 10 minutos o después de soltar el botón PTT.

Cuando el medidor de batería de radio muestra un segmento, la radio emite sonidos de manera regular (Alerta de batería baja). Cuando la batería está baja, la radio emitirá un sonido de alerta cada 10 minutos o después de soltar el botón PTT.

Nota: Retirar la batería de la radio para guardarla.

Extracción de las tres pilas recargables de NiMH AA

- Apagar la radio.
- Con la parte posterior de la radio hacia usted, levantar la tapa que cubre la batería y retirarla.
- Retirar cada una de las tres pilas baterías recargables de NiMH AA tirando de la cinta adjunta.
- Cerrar la tapa de la batería firmemente.

Nota:

- Tener cuidado al retirar las pilas NiMH. No usar herramientas afiladas o conductores al retirar cualquiera de estas pilas.
- Retirar las pilas antes de guardar su radio por largos periodos de tiempo. Las pilas se corroen con el tiempo y pueden causar daños permanentes en su radio.
- No mezcle pilas viejas y nuevas y no mezcle pilas alcalinas, estándar (carbónico-zinc) o recargables (ni-cad, ni-mh, etc.).

Mantenimiento de la capacidad de la pila

- Cargar las pilas de NiMH una vez cada 3 meses cuando no se usen.
- Antes de guardar la radio, retirar la batería.
- Guardar las pilas de NiMH a una temperatura de entre -20 °C y 35 °C y con poca humedad. Evitar condiciones de humedad y materiales corrosivos.

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convenientemente cargar su NiMH batería. Use certified adaptor (5V, ≥1A). Do not attempt to charge alkaline batteries.

- Make sure your radio is turned OFF.
- Plug the micro-USB cable into the micro-USB charging port on your radio. Connect the other end of the micro-USB charger to wall power outlet.
- The battery meter on LCD will move to indicate the battery is charging.

Nota:

- It is recommended to power OFF your radio while charging.
- When moving between hot and cold temperatures, do not charge the NiMH batteries 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.

Turning your Radio On and Off

- Press and hold on the (■) button to turn your radio ON/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. The radio is in Two-Way mode.

Setting the Volume

Press and hold (■) button for three seconds to listen to volume level.

- First press either (▲) or (▼) to trigger volume change. You will see current volume level on screen.
- Press (▲) to increase the volume. Press (▼) to decrease the volume.
- When the volume reached level 0 the mute (■) icon appears

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

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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CHANNEL AND FREQUENCIES

Model WT001
This FRS device is approved for USA and Canada

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

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CHANNEL AND FREQUENCIES

Model WT002 / WT003
This FRS device is approved for USA and Canada

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

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MANUAL DEL USUARIO DE LA



Modelo: ONA19WT001
ONA19WT002
ONA19WT003

SEGURIDAD E INFORMACIÓN GENERAL

Exposición a radiofrecuencias e instrucciones de seguridad del producto para radios portátiles de dos vías Entornos generales poblados y no controlados.

ATENCIÓN:

Antes de usar esta radio, consultar las instrucciones de uso importantes para un uso seguro y conciencia y control de la energía RF para cumplir con las normas y regulaciones aplicables.

Cumplimiento de los estándares de exposición a RF

Su radio bidireccional cumple con las siguientes normas y pautas de exposición a la energía de RF:

- Comisión Federal de Comunicaciones de los Estados Unidos, Código de Regulaciones Federales; 47 CFR et seq. & FCC.
- Instituto de Ingenieros Eléctricos y Electrónicos (IEEE) C95.1.
- Código 6 de seguridad del Ministerio de Salud (Canadá) y RSS-102 de Industria de Canadá.

Procedimiento de transmisión y recepción

Su radio bidireccional contiene un transmisor y un receptor. Para controlar su exposición y garantizar el cumplimiento de los límites de exposición de la población general/ambiente no controlado, seguir siempre este procedimiento:

- No transmitir más del 50% del tiempo.
- Para recibir llamadas, soltar el botón PTT.
- Para transmitir (hablar), pulsar el botón Push-to-Talk (PTT) frente a la cara.
- Sostener la radio en posición vertical con el micrófono (y otras partes de la radio, incluida la antena) a una distancia de al menos una pulgada (2,5

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centímetros) de la nariz o los labios. Para garantizar el cumplimiento es importante mantener la radio a una distancia adecuada.

Nota: La exposición a RF disminuye al aumentar la distancia de la antena.

- Funcionamiento junto al cuerpo. Cuando el dispositivo se lleva cerca del cuerpo, colocar siempre la radio en un broche aprobado para este producto.

Funcionamiento de radio bidireccional

- Usar únicamente antenas y accesorios de audio aprobados o reemplazados.

ADVERTENCIA: Los cambios o modificaciones de esta unidad que no hayan sido aprobados expresamente por la parte responsable del cumplimiento, podrían anular la autoridad del usuario para operar el equipo.

NOTA: Este equipo ha sido probado y cumple los límites establecidos para un dispositivo digital de Clase B, de conformidad con la Parte 15 de las Normas de la FCC. Dichos límites están diseñados para proporcionar una protección razonable contra interferencias perjudiciales en una instalación residencial. Este equipo genera, utiliza y puede emitir energía de radiofrecuencia. Si no se instala y utiliza de acuerdo con las instrucciones,

puede causar interferencias perjudiciales en las comunicaciones de radio. Sin embargo, no hay garantía de que no se produzcan interferencias en una instalación en particular. Si este equipo causa interferencias perjudiciales en la recepción de radio o televisión - lo cual puede determinarse durante el encendido y apagado el equipo - se recomienda al usuario que intente corregir la interferencia realizando una de las siguientes acciones:

- Reorientar o reubicar la antena receptora.
- Aumentar la separación entre el equipo y el receptor.
- Conectar el equipo a una toma de corriente en un circuito diferente al que está conectado el receptor.

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- Consulte con el distribuidor o con un técnico de radio/TV experimentado para obtener ayuda.

Declaración de advertencia de radiofrecuencia:
El dispositivo ha sido evaluado para cumplir con el requisito general de exposición a radiofrecuencia.
El dispositivo se puede utilizar en condiciones de exposición portátil sin restricciones.

BOTONES DE CONTROL



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说明书尺寸: 592*297mm

纸张尺寸(A2): 594*420mm 需要印刷厂拆切成说明书的尺寸。

单色印刷

