

USER MANUAL



Model: G200

Ver.01 Rev.**/****

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 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.

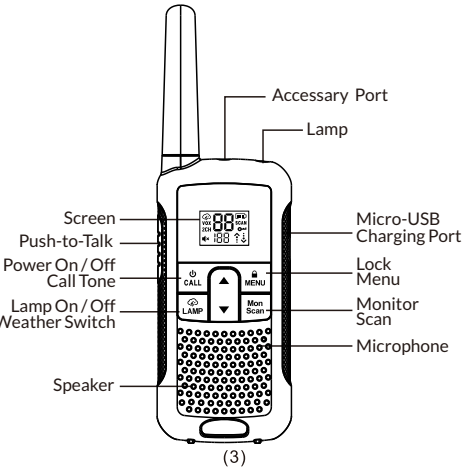
Two-way Radio Operation
• Use only approved supplied or replacement antennas and audio accessories.

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

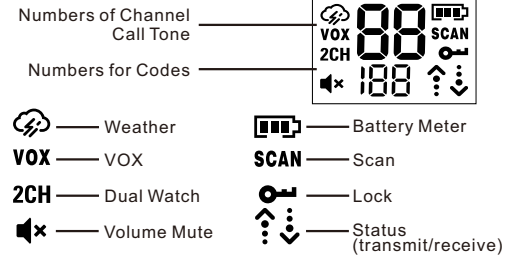


transmission.
3. To respond and talk to the person transmitting, press the **PTT** button within 5 seconds after the end of the transmission.
4. The radio will resume scrolling through the channels five seconds after the end of any received activity.
5. To stop scanning, briefly press the **SCAN** button.
Scanning Notes:
1. 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 **SCAN** button 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 **▼** button.
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 3 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 turn back on, or exit and re-enter the scanning mode by pressing **SCAN** button.
5. You cannot remove the home channel from the scan list.
LED Lamp
Your radio has a built-in-LED Lamp.
Briefly press the **SCAN** 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.

SPECIAL FEATURES

Keypad Tones
Your radio emits a beep each time one of the buttons is pressed (except the PTT and **SCAN** button).
Press and hold the **▼** 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 the **▲** 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:
1. To lock the radio, press and hold **▲** button until the key lock indicator **LOCK** icon on display appear.
2. To unlock the radio, press and hold **▲** button until key lock indicator **LOCK** icon on display disappear.
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:
1. Briefly press the **SCAN** button, the **SCAN** icon 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

DISPLAY SCREEN GUIDE



GETTING STARTED

Installing the Three AA NIMH Rechargeable Battery
1. Take the belt clip off.
2. With the back of the radio facing you, lift the battery cover latch up and remove the cover.
3. Insert the three AA NIMH battery with + and - polarity as shown inside.
4. 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 segments, 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
1. Turn the radio off.
2. With the back of the radio facing you, lift the battery cover latch up and remove the cover.
3. Remove each of the three AA NIMH rechargeable battery by pulling the ribbon attached to the radio.
4. Close the battery cover firmly.
Note:
• 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-nh, etc.) batteries.

Battery Capacity Maintenance
1. Charge the NIMH batteries once every 3 months when not in use.
2. Before placing the radio in storage, remove the battery.
3. 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 conveniently charge your NIMH battery. Use certified adaptor(5V, ≥1A). Do not attempt to charge alkaline batteries.
1. Make sure your radio is turned OFF.
2. 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.
3. The battery meter on LCD will move to indicate the battery is charging.
Note:
• 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
1. Press and hold on the **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 **SCAN** button for three seconds to listen to volume level.
1. First press either **▲** or **▼** to trigger volume change. You will see current volume level on screen.
2. Press **▲** to increase the volume. Press **▼** to decrease the volume.
3. When the volume reached level 0 the mute **LOCK** icon appears 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.
1. To talk, press and hold the **PTT** button. When transmitting, the **▲** icon is shown.
2. When you are finished talking, release the **PTT** button.
3. 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 **SCAN** 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 **SCAN** 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.
Mode Button
Press and hold **SCAN** button for 3 seconds, the user will be seamlessly switching between two-way and weather mode.

MENU OPTIONS

Selecting the Channel
The channel is the frequency of the radio uses to transmit.
1. Press the **▲** button until the channel number starts to flash.
2. Press **▲** or **▼** button to change the channel number.
3. Press the **PTT** button to exit menu or **SCAN** button to continue setup.
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:
1. Press the **▲** button until the code number starts to flash.
2. Press **▲** or **▼** button to select code number.
3. Press the **PTT** button to exit menu or **SCAN** 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 **SCAN** button. The radio has 10 call tones.
To set a call tone:
1. Press **SCAN** button until call tone "CA" appears. The current call tone setting flash.
2. Press **▲** or **▼** button to change and listen to the call tone.
3. Press the **PTT** button to exit menu or **SCAN** 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.

1. To activate VOX, press **SCAN** button until "VOX" appears on the display. The current setting (0, 1-3) will flash.
2. Press **▲** or **▼** button to select the sensitivity level.
3. Press the PTT button to exit menu.

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.
1. Press **SCAN** button until "2CH" appears on the display. The current setting (OF, 1-22) will flash.
2. Press **▲** or **▼** to select channels.
3. Press the **PTT** button to exit menu or **SCAN** button to continue setup.
4. Press the **PTT** button or wait until the time out menu to 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.

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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 **SCAN** button for 3 seconds to enter weather mode.
Setting the Weather Channel
Your radio receives weather frequencies:
1. In weather mode, press the **SCAN** button until weather channel number flashes.
2. Press **▲** or **▼** button to select the appropriate channel with good reception in your area.
3. Press the **PTT** button to set and exit menu.

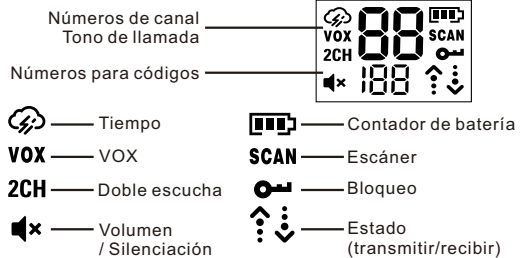
WEATHER CHANNELS AND FREQUENCIES

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		

CHANNEL AND FREQUENCIES

Model G200 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

GUÍA DE PANTALLA DE VISUALIZACIÓN



CÓMO EMPEZAR

Instalación de la batería recargable NIMH de tres AA
1. Retirar el broche.
2. Con la parte posterior de la radio hacia usted, levantar la tapa que cubre la batería y retirarla.
3. Poner las tres pilas AA NIMH con polaridad + y - como se muestra en el interior.
4. 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, la radio emitirá un sonido de alerta cada 10 minutos o

después de soltar el botón **PTT**.
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Note: Retirar la batería de la radio para guardarla.
Extracción de las tres pilas recargables de NIMH AA
1. Apagar la radio.
2. Con la parte posterior de la radio hacia usted, levantar la tapa que cubre la batería y retirarla.
3. Retirar cada una de las tres pilas baterías recargables de NIMH AA tirando de la cinta adjunta.
4. Cerrar la tapa de la batería firmemente.
Note:
• 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 corrompen con el tiempo y pueden causar daños permanentes en su radio.
• No mezcle pilas viejas y nuevas y no mezcle pilas alcalinas, estándar (carbono-zinc) o recargables (ni-cad, ni-nh, etc.).
Mantenimiento de la capacidad de la pila
1. Cargar las pilas de NIMH una vez cada 3 meses cuando no se usen.
2. Antes de guardar la radio, retirar la batería.
3. 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.

Uso del cargador Micro USB
El cargador Micro USB es un puerto práctico que le permite cargar cómodamente sus pilas NIMH. Use adaptador certificado(5V, ≥1A). No intente cargar pilas alcalinas.
1. Asegurarse de que su radio esté apagada.
2. Enchufar el cable Micro USB en el puerto de carga Micro USB de su radio. Conectar el otro extremo del cargador Micro USB al enchufe de la pared.
3. El medidor de la batería en la pantalla LCD se moverá para indicar que la batería se está cargando.
Note:
• Se recomienda APAGAR la radio mientras se está cargando.
• Al moverse entre temperaturas altas y bajas, no cargar las baterías de NIMH hasta que la temperatura de la batería se aclimate (por lo general, alrededor de 20 minutos).
• Para una vida útil óptima de la batería, retirar la radio del cargador en 16 horas. No guardar la radio mientras esté conectada al cargador.
Encender y apagar la radio
1. Mantener pulsado el botón **SCAN** para encender o apagar su radio. En la posición ON, la radio emite un sonido y muestra brevemente todos los iconos de funciones disponibles en la radio.
2. La pantalla de visualización muestra el canal actual, el código y todas las funciones que están habilitadas. La radio está en modo bidireccional.
Ajuste de volumen
Mantener pulsado el botón **SCAN** durante tres segundos para escuchar el nivel de volumen.
1. Primero, pulsar **▲** o **▼** para activar el cambio de volumen. Podrá ver el nivel de volumen actual en la pantalla.

2. Pulsar **▲** para subir el volumen. Pulsar **▼** para bajar el volumen.
3. Cuando el volumen alcanza el nivel 0, el icono de silencio **LOCK** aparece permanentemente en la pantalla.
No colocar la radio pegada a la oreja. Si el volumen está ajustado en un nivel incómodo, podría dañar el oído.
HABLAR Y ESCUCHAR
Para comunicarse, todas las radios de su grupo deben configurarse en el mismo canal y código de eliminador de interferencias.
1. Para hablar, pulsar el botón **PTT**. Al transmitir, se muestra el icono **▲**.
2. Cuando haya terminado de hablar, soltar el botón **PTT**.
3. Al recibir, se muestra el icono **▼**.
Para mayor claridad, sostener la radio a una distancia de 2 a 3 centímetros de su boca y hablar directamente al micrófono. No tapar el micrófono al hablar.
Alcance de habla
Su radio está diseñada para maximizar el rendimiento y mejorar el alcance de la transmisión. No usar las radios a una distancia inferior de cinco pies.
Botón del monitor
Mantener pulsado el botón **SCAN** durante 3 segundos para activar el modo monitor y oír señales débiles en el canal actual. También puede escuchar el nivel de volumen de la radio cuando no está recibiendo. Esto permite ajustar el volumen, si es necesario. También se puede pulsar el botón **SCAN** para verificar la actividad en el canal actual antes de hablar.

MANUAL DEL USUARIO DE LA



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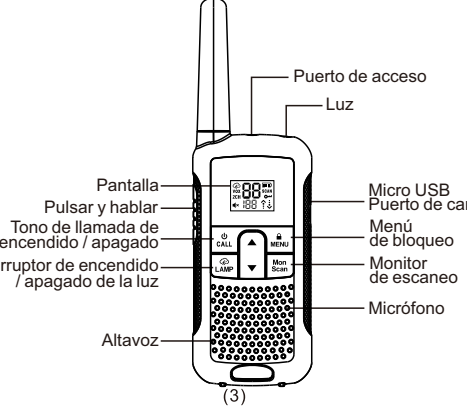
SEGURIDAD E INFORMACIÓN GENERAL

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

Este dispositivo cumple con la Parte 15 de las Reglas de la FCC. El correcto funcionamiento depende de las siguientes dos condiciones:
(1) este dispositivo no puede causar interferencias perjudiciales, y
(2) este dispositivo debe aceptar cualquier interferencia recibida, incluidas las interferencias que puedan causar un funcionamiento indeseado.
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



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