

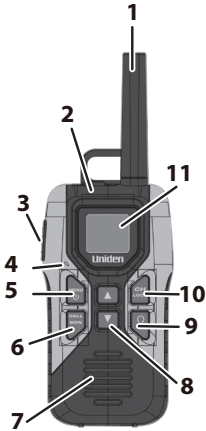
GMR3050-2C

Congratulations on your purchase of a Uniden FRS radio. This lightweight, palm-sized radio is a state-of-the-art device, equipped with many valuable features. Use it at sporting events, to stay in contact with family and friends, hiking, skiing, outdoors, or in a neighborhood watch for vital communication.

- 22 FRS Channels
- 121 Privacy Codes
- Up to 30-Mile Range*
- Channel Scan
- VOX Headset Jack
- Roger Beep
- Battery Charger
- Silent Mode
- microUSB charging jack
- 10 Selectable Call Tone Alerts
- Auto Squelch

* Range may vary depending on environmental and/or topographical conditions.

GMR3050-2C HARDWARE



1	Antenna	7	Speaker
2	USB Charge Port/Headphone Jack	8	Channel and Volume
3	Push to Talk	9	Backlight
4	Microphone	10	CH/LOCK
5	MENU/Power	11	Screen
6	CALL/MON		

WHAT'S IN THE BOX

Your package contains 2 radios, 6 AA rechargeable NiMH batteries, one AC adapter/Y-Split microUSB charge cable, 2 belt clips, and this reference guide.

Visit our web site at www.uniden.com to order accessories.

Use only Uniden accessories.

INSTALL THE BATTERIES

Each radio uses 3 AA rechargeable NiMH batteries (included).

To install the batteries:

1. If installed, remove the belt clip.
2. Remove the battery compartment door by pressing on the latch and releasing the cover. Remove it.
3. Install the supplied 3 AA NiMH batteries into the battery compartment. Be certain to follow the + and – symbols in the compartment. Installing the batteries incorrectly will prevent the unit from operating.
4. Replace the battery compartment door.
5. Replace the belt clip if necessary.
6. Repeat for each radio.

Note: You may also use 3 AA non-rechargeable alkaline batteries in each radio.

However, do not mix NiMH and alkaline batteries in the same radio.

CHARGING THE RADIO

Review the following tips before charging your radios:

CAUTION: Do not attempt to recharge alkaline batteries. Doing so can create a safety hazard or damage the radio.

- Install the batteries before connecting the AC adapter to the radio and power source.
- The battery icon flashes while the radio charges, whether the radio is turned on or not. The charge stops after 14 hours of continuous charging. If there is a power interruption, the charging timer resets to 14 hours. If the radio is off and charging stops, the battery icon stops flashing.
- Charge time may vary depending on the battery life remaining. For fastest charging, turn off the radio before charging.
- If battery power is low, you cannot operate the radio even using external power. If you try to transmit while power is low, the radio will automatically turn off. Recharge the batteries.

GMR3050-2C charges through a microUSB Y-branch cable (provided) with an AC adapter end that plugs into an AC power source.

1. Plug one branch of the microUSB Y-Cable into each radio's microUSB charge port.
2. Insert the AC adapter end into an AC power source (wall plug).

3. The radio is fully charged when the battery charging icon stops flashing.

USING THE RADIO

Turning the Radio On and Adjusting the Volume

1. Press and hold the **MENU/** key to turn the radio ON.
2. To change the volume level, press the **▲** or **▼** key to increase or decrease the volume level. There are 8 volume levels (**L1** - **L8**) plus volume off (**L0**).
3. Press and hold the **MENU/** key to turn the radio OFF.

Using Headphones

Your radio has a headphone jack to support earphones/earbuds (not included). Using the earbuds lets you have more private communications. To use headphones/earbuds, lift the rubber cover from the headset jack, then plug in the headphones/earbuds.

Important: Your radio is not weather resistant when using the headset jack. When you remove the headphones/earbuds, be sure to fully press the cover into place to restore the radio's weather resistant capability.

Using the Menu

Press **MENU/** to access the three menu options:

- Privacy Code (121 codes). The privacy codes display underneath the channel number on the screen.
- Call Tone (10 call tone options plus Off)
- VOX (5 levels plus Off)

Each menu option is discussed later in the manual with the feature that uses it.

Choosing a Channel

Your radio has 22 channels you can use to talk to others. In order to speak to someone, each of you must be set to the same channel and privacy code.

Each of the channels 1-22 may have any one of the privacy codes, 0 (OFF), or 1-121 selected. Code **oF** (OFF) indicates no privacy code selected and your radio can receive a signal regardless of the code settings of the transmitting radio.

To choose a privacy code:

1. Press **MENU/** until the privacy code number flashes below the channel number.
2. Press **▲** or **▼** to cycle through the privacy codes.
3. The radio returns to its normal state after about 5 seconds.

To choose a channel:

1. Press the **CH/LOCK** key to access the channel function; the channel number flashes.

2. Press **▲** or **▼** to manually cycle through the channels.

You can only manually cycle through channels when the channel numbers are flashing.

3. Press **CH/LOCK** to set the channel.

VOX Feature

CAUTION: Insert headphones into the radio BEFORE turning on the radio.

Your radio is equipped with a user selectable Voice Operated Transmitter (VOX) that can be used for automatic voice transmissions. The VOX feature is designed to be used with or without a headset with a microphone. Transmission is initiated by speaking into the microphone instead of pressing **PTT**.

To select a VOX level:

1. Press **MENU/** repeatedly until the vox icon and the VOX sensitivity level (**OFF**, **1-5**) blink.
2. Press **▲** or **▼** to change the VOX sensitivity levels. Use level 5 for increased sensitivity to voice in normally quiet environments, and use a higher level to reduce undesired activation in very noisy environments.

Channel Scan Feature

Your radio has a channel scan feature that allows you to easily scan all 22 channels. When an active channel is detected, the unit pauses on that channel until the channel is clear. Then, after a 2 second delay, the radio continues scanning. Press **CH/LOCK** to resume scanning while the radio is stopped on an active channel.

When it stops on an active channel, press the **PTT** button to transmit on that channel.

Using channel scan

Press **CH/LOCK** then hold **▼** or **▲** for 3 seconds. The radio will repeatedly cycle through all 22 channels. To reverse scan direction, press the other directional icon. Press **MENU/** or **CALL/MON** to stop scanning.

Silent Mode

Silent mode turns off all key beeps when it is turned on. It does NOT mute call or voice signals received.

Change Silent mode status (OFF or ON) by first turning OFF the radio.

- Turn Silent mode off by pressing the **MENU/** key to turn the radio ON. Silent mode is off and key beeps sound. (Default)
- Turn Silent mode on by pressing the **CALL/MON** and **MENU/** keys to turn the radio back ON. Silent mode turns on and no key beeps sound.

Talking on Your Radio

When the radio stops on a channel that is transmitting, you can talk to others on that channel:

Transmitting

1. Press and hold the **PTT** button and speak in a clear, normal voice about 2-3 inches away from the microphone on the earbud cord. (The **tx** icon displays while you are transmitting. Pause slightly after pressing the **PTT** button before you start talking to prevent cutting off your transmission.)
2. When you are finished speaking, release the **PTT** button. You can now receive incoming calls. While receiving, the **rx** icon displays.

Transmitting a Call Alert Tone

Your radio is equipped with a call tone that will be transmitted when the **CALL/MON** key is pressed. You can select from 10 call tones.

1. Press **MENU/** until **call** displays on the screen and the call tone number displays.
2. Press **▲** or **▼** to cycle through the call tones. A sample of the tone sounds as you move through them
3. The radio returns to its normal state after about 5 seconds.

To transmit the call tone, press the **CALL/MON** key.

Auto Squelch Feature

The radio is equipped with an automatic squelch system which shuts off weak transmissions and unwanted noise due to terrain conditions or range limitations.

Monitor Mode Feature

Your radio allows you to listen for weak signals on the current channel at the press of a key.


To turn ON Monitor Mode:

Press and hold **CALL/MON** for 2 seconds. On a channel that does not have activity, you will hear only an open-squelch hissing noise and **rx** displays.



To turn OFF Monitor Mode:

Press the **CALL/MON** key for 2 seconds again. **rx** does not display.

Backlight

Press and hold  to turn on the LCD backlight. The screen stays illuminated for 10 seconds before the backlight turns off.

Key Lock

1. Press and hold **CH/LOCK**;  displays. The following functions are not affected by Key Lock:
 - Volume adjust
 - Enter monitor mode
 - PTT transmission
 - Backlight
 - Power off
2. Press and hold **CH/LOCK** again;  disappears.

SPECIFICATIONS

Channels	22 FRS
Privacy Codes	38 Sub-Codes
	83 DCS Codes

Operating Frequency	UHF 462.5500 - 467.7125 MHz
Power Source	3 AA NiMH Batteries per radio

FREQUENCY CHART

CH	Freq.[MHz] - Cross Ref.	CH	Freq.[MHz] - Cross Ref.
1	462.5625 - FRS & GMRS 1	12	467.6625 - FRS 12
2	462.5875 - FRS & GMRS 2	13	467.6875 - FRS 13
3	462.6125 - FRS & GMRS 3	14	467.7125 - FRS 14
4	462.6375 - FRS & GMRS 4	15	462.5500 - GMRS 11
5	462.6625 - FRS & GMRS 5	16	462.5750 - GMRS 8
6	462.6875- FRS & GMRS 6	17	462.6000 - GMRS 12
7	462.7125 - FRS & GMRS 7	18	462.6250 - GMRS 9
8	467.5625 - FRS 8	19	462.6500 - GMRS 13
9	467.5875 - FRS 9	20	462.6750 - GMRS 10
10	467.6125 - FRS 10	21	462.7000 - GMRS 14
11	467.6375 - FRS 11	22	462.7250 - GMRS 15

Note: This product is considered FRS only with 22 FRS channels in the US market. It is considered a GMRS product in the Canadian market.

RBRC INFORMATION

As part of our commitment to protect the environment and conserve natural resources, Uniden voluntarily participates in an RBRC® industry program to collect and recycle used Ni-MH batteries within the US.



Please call 1-800-8-BATTERY for information on Ni-MH battery recycling in your area. (RBRC® is a registered trademark of the Rechargeable Battery Recycling Corporation.)

MAINTENANCE

To be safe and sure:

- Never open your radio's case.
- Never change or replace anything in your radio except the batteries.

Care and Safety

To clean the radio, use a soft cloth dampened with water. Do not use cleaners or solvents because they can harm the body of the unit and leak inside, causing permanent damage. Use a dry, lint-free cloth to clean the battery contacts. Do not submerge the unit in water. If the unit gets wet, turn it off and remove the batteries immediately.

Dry the battery compartment with a soft cloth to minimize potential water damage. Leave the battery compartment cover off overnight to ensure complete drying. Do not use the radio until the unit is completely dry.

Your radio might cause TV or radio interference even when it is operating properly. To determine whether your radio is causing the interference, turn it off. If the interference goes away, your radio is causing it. Try to eliminate the interference by moving your radio away from the receiver. If you cannot eliminate the interference, the FCC requires that you stop using the radio.

Hazardous Environments

Do not operate the radio in hazardous environments. Explosion or fire may result. Do not operate the radio near unshielded electrical blasting caps.

Under certain conditions, radios can interfere with blasting operations and may cause an explosion. Turn your radio OFF to prevent accidental transmission when in a blasting area or in areas posted: "Turn off two-way radio." Construction crews often use remote control RF devices to set off explosives.

WARNING! Read this information before using the radio. In August 1996 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency electromagnetic energy emitted by FCC regulated transmitters.

Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of the radio complies with the FCC guidelines and these international standards.

Never allow children to operate the radio without adult supervision and the knowledge of the following guidelines.

FCC RF EXPOSURE

WARNING! It is up to the user to properly operate this radio transmitter to insure safe operation. Please adhere to the following:

Do not use the radio with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for a replacement antenna.

Hand-Held Operation (Held-to-Face)

This device was evaluated for typical hand-held (held-to-face) operations with a 1 inch spacing from the front of the radio. For hand-held operation, the radio should be held 1 inch from the user's face in order to comply with FCC RF exposure requirements.

Body-Worn Operation

This device was evaluated for body-worn operations with the supplied belt-clip accessory. (All necessary accessories are included in the package; any additional or optional accessories are not required for compliance with the guidelines.) Third party accessories (unless approved by the manufacturer) should be avoided as these might not comply with FCC RF exposure guidelines.

For body-worn operation, this device has been tested and meets the Industry Canada RF exposure guidelines when used with Uniden accessories supplied or designated for this product. Use of other accessories may not ensure compliance with Industry Canada RF exposure guidelines.

Fonctionnement de l'appareil, lorsque porté sur le corps. Cet appareil a été testé et s'est avéré conforme aux normes d'Industrie Canada et approuvé pour le port sur le corps à l'aide des accessoires Uniden inclus et conçus pour cet appareil. L'utilisation d'accessoires ne respectant pas les exigences d'exposition RF d'Industrie Canada doit être évitée.

FCC PART 15/IC COMPLIANCE

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.

Changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

Avis de conformité à la FCC : Ce dispositif a été testé et s'avère conforme à l'article 15 des règlements de la Commission fédérale des communications (FCC). Ce dispositif est soumis aux conditions suivantes: 1) Ce dispositif ne doit pas causer d'interférences nuisibles et; 2) Il doit pouvoir supporter les parasites qu'il reçoit, incluant les parasites pouvant nuire à son fonctionnement.

Tout changement ou modification non approuvé expressément par la partie responsable pourrait annuler le droit à l'utilisateur de faire fonctionner cet équipement.

IC COMPLIANCE

This device contains license-exempt transmitter(s)/ receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. this device must accept any interference, including interference that may cause undesired operation of the device.

Changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

Cet appareil contient un ou des émetteurs/récepteurs exemptés de licence qui sont conformes aux normes

RSS d'Innovation, Sciences et Développement économique Canada exemptées de licence. L'utilisation est soumise aux deux conditions suivantes :

1. Cet appareil ne doit pas causer d'interférences.
2. Cet appareil doit accepter toute interférence, y compris les interférences susceptibles de provoquer un fonctionnement non désiré de l'appareil.

Tout changement ou modification non approuvé expressément par la partie responsable pourrait annuler le droit à l'utilisateur de faire fonctionner cet équipement.

ONE YEAR LIMITED WARRANTY

IMPORTANT! SAVE YOUR RECEIPT! Evidence of original purchase is required for warranty service.

WARRANTOR: UNIDEN AMERICA CORPORATION ("Uniden")

ELEMENTS OF WARRANTY: Uniden warrants, for one year, to the original retail owner, this Uniden Product to be free from defects in materials and craftsmanship with only the limitations or exclusions set out below.

WARRANTY DURATION: This warranty to the original user shall terminate and be of no further effect 12 months after the date of original retail sale. The warranty is invalid if the Product is: (A) damaged or not maintained as reasonable or necessary, (B) modified, altered, or used as part of any conversion kits, sub-assemblies, or any configurations not sold by Uniden, (C) improperly installed, (D) serviced or repaired by someone other than an authorized Uniden service center for a defect or malfunction covered by this warranty, (E) used in any conjunction with equipment or parts or as part of any system not manufactured by Uniden, or (F) installed or programmed by anyone other than as detailed by the owner's manual for this product.

STATEMENT OF REMEDY: In the event that the product does not conform to this warranty at any time while this warranty is in effect, warrantor will either, at its option, repair or replace the defective unit and return it to you without charge for parts, service, or any other cost (except shipping and handling) incurred by warrantor or its representatives in connection with the performance of this warranty. Warrantor, at its option, may replace the unit with a new or refurbished unit.

THE LIMITED WARRANTY SET FORTH ABOVE IS THE SOLE AND ENTIRE WARRANTY PERTAINING TO THE PRODUCT AND IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES OF ANY NATURE WHATSOEVER, WHETHER EXPRESS, IMPLIED OR ARISING BY OPERATION OF LAW, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY DOES NOT COVER OR PROVIDE FOR THE REIMBURSEMENT OVERPAYMENT OF INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow this exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you.

LEGAL REMEDIES: This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. This warranty is void outside the United States of America and Canada.

PROCEDURE FOR OBTAINING PERFORMANCE OF WARRANTY: If, after following the instructions in the owner's manual you are certain that the Product is defective, pack the Product carefully (preferably in its original packaging). The Product should include all parts and accessories originally packaged with the Product. Include evidence of original purchase and a note describing the defect that has caused you to return it. The Product should be shipped freight prepaid, by traceable means, to warrantor:

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