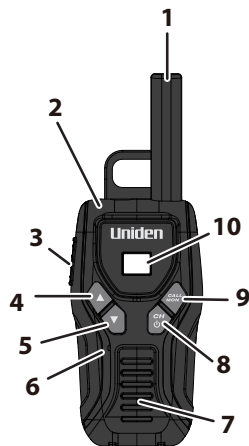


## GMR2035-2 GMR2050-2C

- 22 FRS Channels
- Battery Strength Meter
- Long Battery Life
- Call Button
- Up to 20-mile Range\*
- DC IN 5V
- Channel Scan
- Channel Monitor

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

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



1	Antenna	6	Microphone
2	USB Charge Jack	7	Speaker
3	Push to Talk	8	Channel/Power
4	Channel/Volume Up	9	Call/Monitor Key
5	Channel/Volume Down	10	Display

Congratulations on your purchase of the Uniden GMR2035-2 or GMR2050-2C (General Mobile Radio) 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.

### PACKAGE CONTENTS

Your package contains the 2 radios, 6 AAA rechargeable NiMH batteries (GMR2050-2C) or 6 AAA alkaline batteries (GMR2035-2), one USB charge cable (GMR2050-2C), this reference guide, and 2 belt clips. To order the following optional accessories, visit our web site at [www.uniden.com](http://www.uniden.com).

Use only Uniden accessories.

### INSTALL THE BATTERIES

Each radio uses 3 AAA batteries for power. GMR2035-2 uses non-rechargeable alkaline batteries and GMR2050-2C uses rechargeable NiMH batteries. These batteries are supplied with your radio.

To install the batteries:

1. Make sure your radio is OFF.
2. Remove the battery compartment door by pressing on and sliding the compartment door, and remove the cover.
3. Install the supplied 3 AAA 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 by sliding the door into place.
5. Repeat for each radio.

Note: Do not mix rechargeable and Alkaline batteries

### CHARGING THE RADIO

GMR2050-2C only

1. Plug one branch of the microSD Y-Cable into each radio's microSD charge port.
2. Insert the other end (USB) into a USB power source (computer, phone

charger, etc - not included).

Notes:

- Install the batteries before charging. Charge time may vary depending on the battery life remaining. For fastest charging, turn off the radio before charging. (GMR2050-2C only).
- Do not attempt to recharge alkaline batteries. Doing so can create a safety hazard or damage the radio.
- 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.

### USING THE RADIO

In order to get the most out of your new radio, read this reference guide completely before attempting to operate the radio.

#### Turning the Radio On and Adjusting the Volume

1. Press and hold the **CH/** key to turn the radio ON.
2. To change the volume level, press the **▲** or **▼** key to increase or decrease the volume level.
3. Press and hold the **CH/** key to turn the radio OFF.

#### 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.

To choose a channel:

Tap the **CH/** key to turn the radio on, then use the **▲** or **▼** key to select a channel.

#### 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.

When the unit stops on an active channel, you can press the **PTT** button on the microphone to transmit on that channel.

#### To turn ON channel scan

Tap **CH/** then hold **▼** for 3 seconds. The channels will cycle down through all

22 channels. To reverse scan direction, tap **▲**. To stop scanning, press **CH/**.

#### Talking on Your Radio

To talk to others using the radio:

1. Press and hold the **PTT** button and speak in a clear, normal voice about 2-3 inches away from the microphone. (While you are transmitting, the **tx** icon displays. To avoid cutting off the first part of your transmission, pause slightly after pressing the **PTT** button before you start talking.)
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.

To transmit the call tone, tap the **CALL/MON** key. The tone will be transmitted.

#### 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 the **CALL/MON** key for 2 seconds. On a channel that does not activity, you will hear only an open-squelch hissing noise

To turn OFF monitor mode:

Press the **CALL/MON** key for 2 seconds again.

### SPECIFICATIONS

Channels	22 FRS
Operating Frequency	UHF 462.5500 - 467.7125 MHz
Power Source	3 AAA NiMH Batteries per radio (GMR2050-2C) 3 AAA Alkaline Batteries per radio (GMR2035-2)
Battery Life	8 Hours typical

#### 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.

### 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:

Uniden America Corporation  
C/O Saddle Creek  
743 Henrietta Creek Road, Suite 100  
Roanoke, TX 76262

(800) 297-1023, 8 a.m. to 4:30 p.m., Central, Monday through Friday