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. 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.

**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:**

1. Install the batteries before charging. Charge time may vary depending on the battery lifetime remaining. For fastest charging, turn the radio OFF before charging. (GMR2050-2C only).
2. Do not attempt to recharge alkaline batteries. Doing so can create a safety hazard or damage the radio.
3. 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 Call/Monitor 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 Call/Monitor 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:
1. Tap the Call/Monitor 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 Call/Monitor then hold for 3 seconds. The channels will cycle down through all 22 channels. To reverse scan direction, tap ▲. To stop scanning, press Call/Monitor.

**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 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 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:
1. Press and hold the CALL/MON key for 2 seconds.
2. On a channel that does not activity, you will hear only an open-squelch hissing noise.
3. To turn OFF monitor mode: Press the CALL/MON key for 2 seconds again.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Channels</th>
<th>22 FRS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Frequency</td>
<td>UHF 462.5500 - 467.7125 MHz</td>
</tr>
<tr>
<td>Power</td>
<td>3 AAA NiMH Batteries per radio (GMR2050-2C)</td>
</tr>
<tr>
<td>Source</td>
<td>3 AAA Alkaline Batteries per radio (GMR2050-2C)</td>
</tr>
<tr>
<td>Battery Life</td>
<td>8 Hours typical</td>
</tr>
</tbody>
</table>

**Frequency Chart**

<table>
<thead>
<tr>
<th>CH</th>
<th>Freq [MHz]</th>
<th>Cross Ref.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>462.5625</td>
<td>FRS &amp; GMRS 2</td>
</tr>
<tr>
<td>2</td>
<td>462.5675</td>
<td>FRS 2</td>
</tr>
<tr>
<td>3</td>
<td>462.6125</td>
<td>FRS &amp; GMRS 3</td>
</tr>
<tr>
<td>4</td>
<td>462.6375</td>
<td>FRS &amp; GMRS 4</td>
</tr>
<tr>
<td>5</td>
<td>462.6375</td>
<td>FRS &amp; GMRS 5</td>
</tr>
<tr>
<td>6</td>
<td>462.6825</td>
<td>GMRS 6</td>
</tr>
<tr>
<td>7</td>
<td>462.7125</td>
<td>GMRS 7</td>
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<td>8</td>
<td>467.5625</td>
<td>FRS 8</td>
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<td>9</td>
<td>467.5875</td>
<td>FRS 9</td>
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<td>10</td>
<td>467.6125</td>
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<td>467.6375</td>
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<td>15</td>
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<tr>
<td>16</td>
<td>465.5750</td>
<td>GMRS 16</td>
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<tr>
<td>17</td>
<td>465.6250</td>
<td>GMRS 17</td>
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<tr>
<td>18</td>
<td>465.6250</td>
<td>GMRS 18</td>
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<tr>
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<td>GMRS 21</td>
</tr>
<tr>
<td>22</td>
<td>465.7250</td>
<td>GMRS 22</td>
</tr>
</tbody>
</table>

**Notes:**

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

1. Antenna
2. USB Charge Jack
3. Push to Talk
4. Channel/Volume Up
5. Channel/Volume Down
6. Microphone
7. Speaker
8. Channel/Power
9. Call/Monitor Key
10. Display
11. Battery Strength
12. Meter
13. Y-Cable into each radio's microSD charge port.
14. Insert the other end (USB) into a USB power source (computer, phone

charger, etc - not included).
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 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.

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

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.

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.” Under these conditions: (1) This device may not cause interference that may cause undesired operation of the device. (2) This device must accept any interference, including interference that may cause undesired operation of the device.

FCC RF EXPOSURE

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 réglements 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 pourra annuler le droit à l’utilisateur de faire fonctionner cet équipement.

INCIDENTAL OR CONSEQUENTIAL DAMAGES.

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