Congratulations on your purchase of the Uniden GMR1635-2 (General Mobile Radio Service) radio. This lightweight, palm-sized radio is a state-of-the-art device, equipped with many valuable features. Use it during 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 alkaline batteries, this reference guide and 2 belt clips.

### FCC GMRS License

The radio operates on the General Mobile Radio Service (GMRS) frequencies which require a Federal Communications Commission license to operate. For licensing information and application forms, visit the FCC on-line at: www.fcc.gov/wtb/uls or call the FCC hotline at 1-800-418-3676. If you have any questions you can contact the FCC direct at 1-888-225-5322.

### Install the Batteries

Your radio uses 3 AAA alkaline batteries for power. We recommend using high quality alkaline batteries.

1. Make sure your radio is OFF.
2. Remove the battery compartment door by pressing on the + and – symbols in the compartment. Be certain to follow the + and – polarity. If the battery compartment door is not opened, the radio will not function.
3. Install 3 AAA Alkaline batteries into the battery compartment. Be certain to follow the + and – polarity. If the battery compartment door is not opened, the radio will not function.
4. Replace the battery compartment door by sliding the door into place.

### 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 \( \text{O} \text{D} \) key to turn the radio ON.
2. To change the volume level press the \( \text{volmon} \) \( \uparrow \) or \( \downarrow \) key to increase or decrease the volume level.
3. Press and hold the \( \text{O} \text{D} \) key to turn the radio OFF.

#### Adjusting the Sound (Key Beeps)

Your radio emits a beep each time one of the keys (except for the \( \text{PTT} \) button and \( \text{call/lock} \) key) is pressed. The sound of the key beep will increase or decrease depending on the volume level setting.

- To turn OFF this beep: Press and hold the \( \text{call/lock} \) key while turning ON the radio.
- To turn ON this beep: Turn the radio OFF and ON again without pressing the call/lock key.

#### 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: Press the \( \text{ch/scan} \) \( \uparrow \) or \( \downarrow \) key to increase or decrease the channel number displayed.

#### 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. Pressing the \( \text{PTT} \) button while the scan is paused on a channel will allow you to transmit on that channel.

- To turn ON channel scan: Press and hold either the \( \text{ch/scan} \) \( \uparrow \) or \( \downarrow \) key for 3 seconds. The channel number on the display will rapidly cycle through the channels.
- To turn OFF channel scanning: Press either the \( \text{ch/scan} \) \( \uparrow \) or \( \downarrow \) key.

#### Transmission of Roger Beep

Your radio emits a tone each time one of the keys is pressed. The tone will be transmitted when the \( \text{ch/scan} \) key is pressed.

- To transmit the tone, tap the \( \text{ch/scan} \) key. The tone will be transmitted.

#### Auto Squelch Feature

Your radio is equipped with an automatic squelch system which shuts off weak transmissions and unwanted noise due to terrain conditions or if you have reached your range limit.

- To turn ON: Press and hold the \( \text{volmon} \) \( \uparrow \) or \( \downarrow \) key.
- To turn OFF: Press and hold the \( \text{ch/scan} \) \( \uparrow \) or \( \downarrow \) key. The \( \text{Rx} \) icon will blink.

#### 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 \( \text{volmon} \) \( \uparrow \) or \( \downarrow \) key.
- The \( \text{Rx} \) icon will blink.

- To turn OFF monitor mode: Press the \( \text{volmon} \) \( \uparrow \) or \( \downarrow \) key. The \( \text{Rx} \) icon will stop blinking and disappears.

### Automatic Power Save Feature

Your radio has a unique circuit designed to dramatically extend the life of the batteries. If there is neither a transmission nor an incoming call within 2 seconds, your radio switches to the Power Save mode. The radio is still able to receive transmissions in this mode.

#### Keylock On/Off

Press and hold the \( \text{call/lock} \) key until the “L” appears. After 1 second, the “L” will return to the channel display.

To exit Keylock on mode, press and hold \( \text{call/lock} \) again.

#### Frequency Chart

<table>
<thead>
<tr>
<th>Ch.</th>
<th>Freq.[MHz]</th>
<th>Cross Ref.</th>
<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</td>
<td>12</td>
<td>467.8675</td>
<td>FRS 12</td>
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<tr>
<td>2</td>
<td>462.5875</td>
<td>FRS &amp; GMRS</td>
<td>13</td>
<td>467.9125</td>
<td>FRS 13</td>
</tr>
<tr>
<td>3</td>
<td>462.6125</td>
<td>FRS &amp; GMRS</td>
<td>14</td>
<td>468.7125</td>
<td>FRS 14</td>
</tr>
<tr>
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<td>462.6375</td>
<td>FRS &amp; GMRS</td>
<td>15</td>
<td>469.3500</td>
<td>GMRS 15</td>
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<tr>
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<td>462.6625</td>
<td>FRS &amp; GMRS</td>
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<td>469.7500</td>
<td>GMRS 16</td>
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<td>GMRS 17</td>
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<td>GMRS 18</td>
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<td>FRS &amp; GMRS</td>
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<td>FRS &amp; GMRS</td>
<td>22</td>
<td>470.2500</td>
<td>GMRS 22</td>
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</tbody>
</table>

#### SPECIFICATIONS

- Channels: 19 GMRS / 7 FRS
- Operating Frequency: UHF 462.5500-469.7125 MHz
- Power Source: 3 AAA Alkaline Batteries
- Battery Life: 20 Hours typical (55/90 duty cycle)

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

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.
2. This device must accept any interference received, including interference that may cause undesired operation.

**Important:** Changes or modifications to this unit not expressly approved by Uniden could void your authority to operate this unit. Your radio is set up to transmit a regulated signal on an assigned frequency. It is against the law to alter or adjust the settings inside the radio to exceed those limitations. Any adjustments to your radio must be made by qualified technicians.

To be safe and sure:

- Never open your radio's case.
- Never change or replace anything in your radio except the batteries.
- 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 transmission when in a blasting area or in areas that you stop using the radio.

**Care and Safety:** To clean the radio, use a soft cloth dampened with water. Do not use cleansers or solvents because they can harm the body of the unit or leave 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.

**FCC RF EXPOSURE INFORMATION**

**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.

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

- Use only the supplied or an approved antenna.
- Unauthorized antennas, modifications, or attachments could impair call quality, damage the radio, or result in violation of FCC regulations.
- 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.

**Body-worn Operation**

This device was tested for typical body-worn operations using the supplied belt-clip. To maintain compliance with FCC RF exposure requirements, Body-worn operations are restricted to the supplied belt-clip.

For hand-held operation, the radio should be held 1 inch from the user's face. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements and should be avoided.

For more information about RF exposure, please visit the FCC web site at www.fcc.gov.

**THREE YEAR LIMITED WARRANTY**

Important: Evidence of original purchase is required for warranty service.

**WARRANTOR: UNIDEN AMERICA CORPORATION (Uniden)**

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

**WARRANTY DURATION:** This warranty to the original user shall terminate and be of no further effect 36 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 any other person 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 re-conditioned unit. THE LIMITED WARRANTY SET FORTH ABOVE IS THE SOLE AND ENTRITE 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 OR PAYMENT 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 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:

Uniden America Service
4710 Amon Carter Blvd. Fort Worth, TX 76155
(800) 297-1023 during regular business hours (CST)
(817) 243-9707 outside the U.S. and Canada.

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