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CHECK OUT THE LATEST ACCESSORIES
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ecoterra
 general mobile radio service

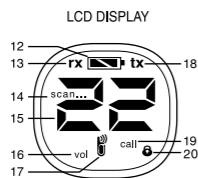
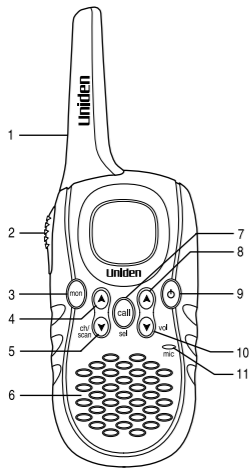
- 15 GMRS / 7 FRS Channels
- Up to 6 Mile Range*
- 5 Selectable Call Tone Alerts
- Backlit LCD Display
- Battery Recharge Circuit
- Battery Level Meter
- Channel Monitor
- Channel Scan
- Keypad Lock
- Roger Beep
- Key Beep

GMR635-2



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

GMR635 RADIO



- | | |
|-----------------------------|-----------------------------|
| 1 Antenna | 11 Microphone |
| 2 PTT (Push-To-Talk) Button | 12 Battery Level Meter |
| 3 Monitor Key | 13 Receive Indicator |
| 4 Channel/Scan Up Key | 14 Scan Indicator |
| 5 Channel/Scan Down Key | 15 Channel Indicator |
| 6 Speaker | 16 Volume Setting Indicator |
| 7 Call/Select Key | 17 GMRS/FRS Indicator |
| 8 Volume Up Key | 18 Transmit Indicator |
| 9 Power Key | 19 Call Indicator |
| 10 Volume Down Key | 20 Keypad Lock Indicator |

Congratulations on your purchase of the Uniden GMR635-2 (General Mobile Radio Service) radio. This product is a lightweight, palm-sized radio. Use it at sporting events to stay in contact with family and friends, hiking, skiing, outdoors, or in a neighborhood watch for vital communication. This compact, state-of-the-art device is equipped with many features.

OPTIONAL ACCESSORIES

Your package contains two GMR635 radios, two belt clips and this reference guide. You may operate the unit using rechargeable NiMH (not included) or 4 AAA alkaline batteries (not included). The following optional accessories may be purchased from your participating Uniden dealer or call 1-800-554-3988 or visit us on the web at www.uniden.com. **Use only Uniden accessories.**

- NiMH Battery Pack - #BP38
- Recharging Cradle - #RC6348

INSTALL THE BATTERIES

Your GMR635-2 radio uses a NiMH battery pack (not included) or 4 AAA alkaline batteries (not included). If alkaline batteries are used, we recommend using high quality alkaline batteries.

To install the NiMH battery pack :

- 1) Make sure your radio is OFF.
- 2) Remove the battery compartment door by pushing up the tab at the bottom of the compartment door allowing the door to be removed.
- 3) Place the NiMH battery pack in the compartment, making sure that the charge contacts are on the lower half of the battery pack (not included) and facing out. If the NiMH battery pack is installed incorrectly, the radio will not operate.
- 4) Replace the battery compartment door.
- 5) The battery pack (not included) must be charged before using for the first time. Place the GMR635 radio into the charging cradle (not included) allowing 16 hours charging time to fully charge the battery pack.

Note: Always make sure your battery pack is fully discharged before recharging to prolong the life of the battery pack. The LED will illuminate while the radio is in the charging cradle.

To install 4 AAA alkaline batteries (not included):

- 1) Make sure your radio is OFF.
- 2) Remove the battery compartment door by pushing up the tab at the bottom of the

compartment door allowing the door to be removed.

- 3) Install 4 AAA alkaline batteries (not included) into the battery compartment. Be certain to follow the + and - symbols in the compartment. Installing the batteries incorrectly will prevent the radio from operating.
- 4) Replace the battery compartment door.

USING THE CHARGING CRADLE

If you use the rechargeable NiMH battery pack, two GMR635 radios can be charged by using the charging cradle (not included).

Make sure to turn the radio OFF before placing the radio in the charging cradle. Otherwise the battery level meter icon won't indicate properly.

- 1) Connect the AC adapter (# AC6248) (not included) to DC IN 9V jack and to a standard 120V AC wall outlet.
- 2) Set the charging cradle on the desk or tabletop, and place the radio in the charging cradle with the keypad facing forward.
- 3) Make sure that the LED illuminates. Charge the battery pack for 16 hours and remove the radio from the charging cradle after charge.

Note: The charge indicator LED's will remain on as long as the radios are left in the charger.

BATTERY LEVEL AND LOW BATTERY ALERT

This unit has a battery level meter on the display to indicate the status of the batteries. When the batteries in the unit are low, the battery level meter icon will flash. Replace the alkaline batteries immediately or if you are using the NiMH battery pack, you must recharge the battery in order to continue using the radio.

Warning! To avoid the risk of personal injury or property damage from fire or electrical shock, only use the Uniden accessories specifically designated for this product.

USING THE RADIO

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

Turning the Radio On and Adjusting the Volume

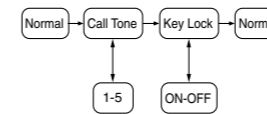
- 1) Press and hold the key to turn the unit ON, and increase the speaker volume by pressing the vol key. To decrease the volume, press the vol key.
- 2) Press and hold the key again to turn the unit OFF.

Adjusting the Sound (Key Beeps)

Your radio emits a beep each time one of the buttons or keys (except for the **PTT** button and **call/sel** key) are pressed. To turn this sound OFF, press and hold **call/sel** while turning ON the radio. Repeat this step to turn the sound ON.

Navigating through the Menu

To access the advanced features of the GMR635-2, your radio has a Menu function.



- 1) To enter the Menu, press and hold the **call/sel** key.
- 2) Additional presses of the **call/sel** key will advance you through the Menu until exiting to "Normal" operating mode.
- 3) Other methods of exiting the Menu function are:
 - a. Press **PTT**, **mon**, or vol / .
 - b. Wait 10 seconds until the unit automatically returns to "Normal" mode.

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:

With the radio in "Normal" operating mode press the **ch/scan** or key to increase or decrease the channel number displayed.

Note: Channels 1-7 have an expectancy range of up to 6 miles. Channels 8-14 have an expectancy range of up to 2 miles. Channels 15-22 have an expectancy range of up to 6 miles.

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 will appear on the display. 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 will appear on the display.

Transmitting a Call Tone

Your GMR635-2 radio is equipped with 5 selectable call tones that will be transmitted when the **call/sel** key is pressed.

To select a call tone:

- 1) Enter the Menu. Advance through the Menu until the **call** icon is shown on the display. The current call tone number () will be indicated.
- 2) Press the **ch/scan** or key to increase or decrease the number to the desired call tone. Each tone will be heard through the speaker.
- 3) Exit the Menu.

To transmit the selected call tone, press the **call/sel** key. The selected tone will automatically be transmitted for a fixed length of time.

Channel Scan Feature

Your GMR635-2 radio has a channel Scan feature that allows you to easily Scan all 22 channels. When an active channel is detected, the unit will pause on that channel until the channel is clear. Then after a 2 second delay, the unit will continue scanning. Pressing **PTT** while the Scan is paused on a channel will allow you to transmit on that channel.

To turn ON channel scanning:

Press and hold either the **ch/scan** or key until the **scan** icon is displayed. The channel number on the display will change as the radio rapidly cycles through the channels.

To turn OFF channel scanning:

Press **call/sel**, or **PTT**.

Keypad Lock

To Lock the keypad:

- 1) Enter the Menu. Advance through the Menu until the icon appears on the display. The current key Lock status (**OFF**) blinks on the display.
- 2) To switch the key Lock mode from **OFF** to **ON**, press the **ch/scan** key.
- 3) To confirm the setting, press the **call/sel** key. The radio returns to the "Normal" mode.

Note: If you exit the setting mode before confirming your selection by pressing the **call/sel** key, the key Lock setting will be set to **OFF**.

To Unlock the keypad:

- 1) Press and hold the key to turn the unit **OFF**.
- 2) Press and hold the key again to turn the unit **ON**. The keypad is unlocked.

Automatic Power Save Feature

Your GMR635-2 radio has a unique circuit designed to dramatically extend the life of the batteries.

If there is no transmission nor an incoming call within 3 seconds, your radio switches to the Power Save mode. The radio is still able to receive transmissions in this mode.

LCD Backlight

The LCD backlight will automatically turn ON when any key (except PTT button) is pressed. The LCD display will illuminate for 10 seconds before turning OFF.

Monitor Mode Feature

Your GMR635-2 radio allows you to listen for weak signals on the current channel at the press of a key.

To turn ON the monitor mode:

- Press **mon** for brief listening, the **rx** icon will blink.
- Press and hold **mon** for 2 seconds for continuous listening. The receiver circuit will stay open, and letting in both the noise & weak signals.

To turn OFF monitor mode:

- Press **mon** to return to "Normal" mode, and the **rx** icon stops blinking.

Roger Beep

Roger Beep is a BEEP that is sent to notify the end of transmission.

Roger Beep can be heard through the speaker when Key Beep is on.

Roger Beep is transmitted even if key beep is turned off. However Roger Beep will not be heard from the speaker.

To turn OFF Roger Beep: Press and hold the **ch/scan** key while turning ON the radio.

To turn ON Roger Beep: Press and hold the **ch/scan** key while turning the radio ON again.

SPECIFICATIONS

Channels	15 GMRS / 7 FRS
Operating Frequency	UHF 462.5500-467.7125 MHz
Power Source	4 AAA Alkaline Batteries (not included) or NiMH Battery Pack (not included)
Range	Channels 1-7 up to 6 miles Channels 8-14 up to 2 miles Channels 15-22 up to 6 miles
Battery Life	30 Hours typ. - Alkaline Batteries (5/5/90 duty cycle) 18 Hours typ. - NiMH Battery Pack

Frequency Chart

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

IC INFORMATION

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 IC 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.

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.

RF EXPOSURE INFORMATION

WARNING! It is up to the user to properly operate this radio transmitter to insure 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 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 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 RF exposure requirements and should be avoided.

ONE YEAR LIMITED WARRANTY

Important: 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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4700 Amon Carter Blvd., Fort Worth, TX 76155
(800) 297-1023, 8 a.m. to 5 p.m. Central,
Monday through Friday
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Covered under one or more of the following U.S. patents:

4,684,870	4,734,049	5,203,015	5,214,789
5,491,745	5,497,508	5,517,677	5,557,606
5,574,994	5,610,946	5,613,201	5,625,870
5,627,876	5,628,059	5,634,196	5,634,205
5,678,176	5,697,096	5,717,312	5,722,070
5,787,345	5,901,341	6,021,326	6,084,861
6,163,691	6,195,415	6,353,730	

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