

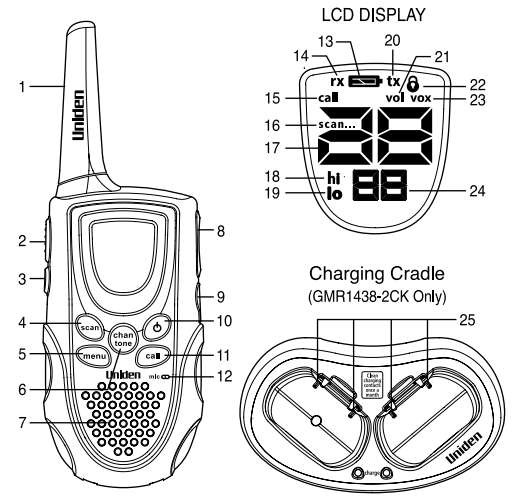
GMR1438-2 GMR1438-2CK

- 15 GMRS / 7 FRS Channels
- 99 Sub Codes
- Up to 14 Mile Range*
- Internal VOX Circuitry
- 5 Selectable Call Tone Alerts
- Backlit LCD Display
- Optional Headset Accessories
- Headset Jack
- Roger Beep
- Battery Charger
- Battery Level Meter
- Channel Monitor
- Channel Scan
- Keypad Lock



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

GMR1438 RADIO



- | | |
|-----------------------------|-----------------------------|
| 1 Antenna | 14 Receive Indicator |
| 2 PTT (Push-To-Talk) Button | 15 Call Indicator |
| 3 Monitor Button | 16 Scan Indicator |
| 4 Scan Key | 17 Channel Indicator |
| 5 Menu Key | 18 Hi Power Indicator |
| 6 Channel Tone Key | 19 Low Power Indicator |
| 7 Speaker | 20 Transmit Indicator |
| 8 Up/Down Button | 21 Volume Setting Indicator |
| 9 Headset Jack | 22 Keypad Lock Indicator |
| 10 On/Off Key | 23 VOX Indicator |
| 11 Call Key | 24 Sub Code Indicator |
| 12 Microphone | 25 Charging Contacts |
| 13 Battery Level Meter | |

Congratulations on your purchase of the Uniden GMR1438 Series (General Mobile Radio Service) 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

Depending on the model configuration, your package should include:

- GMR1438-2
Two GMR1438 Radios with Belt Clips

- GMR1438-2CK
Two GMR1438 Radios with Belt Clips
One Dual Charging Cradle (#RC1032)
Two Rechargeable Batteries (BP40)
One AC Adapter (AD-0001)

To order the following optional accessories, visit our web site @www.uniden.com or call 1-800-554-3988 during regular business hours. **Use only Uniden accessories.**

- NiMH Battery Pack - #BP40
- Charging Cradle - #RC1032
- Headset - #HS910/HS915/ZA-133
- AC Adapter (AD-0001)

GMRS LICENSE

The GMR1438 radio operates on the General Mobile Radio Service (GMRS) frequencies when using Channels 1-7 and channels 15-22. You must have a GMRS license issued by the Federal Communications Commission to legally use these channels. For licensing information and application forms, visit the FCC online 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. **No license is required for operation on channels 8-14 or operation on any channel in Canada.**

INSTALL THE BATTERY

GMR1438 radio uses a supplied NiMH battery pack (GMR1438-2CK Only) or 4 AAA alkaline batteries (not included).

- To install the NiMH battery pack:
- 1) Make sure your radio is OFF.
 - 2) Remove the battery compartment door by

- pressing the tab at the bottom of the compartment door, and remove the cover.
- 3) Install the NiMH battery pack into the battery compartment. Be certain to follow the instructions written on the label on the battery pack. Installing the battery pack incorrectly will prevent the unit from operating.
 - 4) Replace the battery compartment door.

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 battery in the unit is low, the battery level meter icon flashes. Recharge the NiMH battery pack immediately or if you are using the alkaline batteries, you must replace the alkaline batteries 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.

CHARGING THE RADIO

GMR1438-2CK includes charging cradle and rechargeable battery packs. Follow these instructions to recharge the radios in a charging cradle. **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.**

Note: GMR1438-2 does not include rechargeable batteries or charger.

- 1) Connect the AC adapter (# AD-0001) 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 LEDs will remain on as long as the radios are left in the charger.

Note:

- Use only the supplied battery and AC adapter or approved accessories from Uniden.
- Charge time may vary depending on the battery life remaining.
- Do not recharge alkaline batteries. Doing so can create a safety hazard or damage the radio.
- For fastest charging, turn off the radio before charging.

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

Adjusting the Sound (Key Beeps)

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

Choosing a Channel

Your radio has 22 channels and 99 Sub codes you can use to talk to others. In order to speak to someone, each of you must be set to the same channel and Sub code.

To choose a channel:

With the radio in "Normal" operating mode press the **chan tone** key and press the or key to increase or decrease the channel number displayed.

Note: Channels 1-7 have an typical range of up to 14 miles. Channels 8-14 have an typical range of up to 5 miles. Channels 15-22 have an typical range of up to 14 miles. You can know which GMRS or FRS channel is active by the icon. **hi** icon is displayed while scanning GMRS channels, and the **lo** icon is displayed while scanning FRS channels.

Choosing a Sub Code

Each of the channels 1-22 may have any one of the codes, OFF or 1-99 selected. Code **oF** (OFF) indicates no Sub code selected and your radio can receive a signal regardless of the code settings of the transmitting radio.

- 1) Press **chan tone** in channel select mode. The subcode indicator will flash.
- 2) Press the or key to increase or decrease the code number displayed. You can also select **oF** (OFF) at this stage.
- 3) Exit the Menu.

Channel Scan Feature

Your GMR1438 radio has a channel scan feature that allows you to easily scan all 22 channels. When an active channel is detected, the radio pauses on that channel until the channel is clear. Then after a 2 second delay, the radio continues scanning. Pressing the **PTT** button while the scan is paused on a channel allows you to transmit on that channel.

To turn ON channel scan:

Press the **scan** key until the **scan...** icon is displayed. The channel number on the display changes as the radio rapidly cycles through the channels.

To turn OFF channel scan:

Press the **call**, **PTT**, **menu** or **scan** key.

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 appears 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 have finished speaking, release the **PTT** button. You can now receive incoming calls. While receiving, the **rx** icon appears on the display.

Monitor Mode Feature

Your GMR1438 radio allows you to listen for weak signals on the current channel at the press of a key.

To turn ON the Monitor Mode:

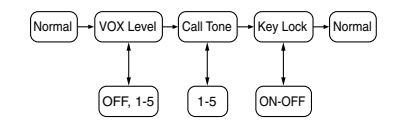
- For brief listening, press **mon** button. The **rx** icon blinks.
- Press and hold **mon** button for 2 seconds until two beeps sound for continuous listening. The receiver circuit stays open, letting both the noise and weak signals to be heard.

To turn OFF Monitor Mode:

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

Navigating through the Menu

To access the advanced features of the GMR1438, your radio has a Menu function.



- 1) To enter the Menu, press the **menu** key.
- 2) Additional presses of the **menu** key advances you through the Menu until exiting to "Normal" operating mode.
- 3) Other methods of exiting the Menu function are:
 - a. Press and hold the key again.
 - b. Press the **PTT**, **mon**, **call**, **scan** or **chan tone** key
 - c. Wait 10 seconds until the unit automatically returns to "Normal" mode.

Voice Operated Transmission

Your GMR1438 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 a headset with a microphone. Transmission is initiated by speaking into the remote microphone instead of pushing the **PTT** button.

To select the VOX level:

- 1) Enter the Menu. Advance through the Menu until the **vox** icon appears on the display. The current level (OFF, 1-5) will be indicated. Level **oF** (OFF) disables VOX, while levels 1-5 set the sensitivity of the VOX circuit.
- 2) Press either the or key to the desired VOX sensitivity level. Use level 1 for increased sensitivity to voice in normally quiet environments, and use a higher level to reduce undesired activation in very noisy environments.

Transmitting a Call Tone

Your GMR1438 radio is equipped with 5 selectable call tones that are transmitted when the **call** 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 (1-5) is indicated.
- 2) Press the or key to increase or decrease the number to the desired call tone. Each tone will be heard through the speaker.

To transmit the selected call tone, press the **call** key. The selected tone will automatically be transmitted for a fixed length of time. Call Tone will be cancelled when the **PTT** button is pressed.

Key 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 **oF** (OFF) blinks on the display.
- 2) To switch the Key Lock mode from **oF** (OFF) to **on**, press the key.
- 3) To confirm the setting, press the **menu** key. The radio returns to the "Normal" mode.

Note: If you exit the setting mode before confirming your selection by pressing the **menu** key, the Key Lock setting will be set to **oF** (OFF).

To unlock the keypad:

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

Automatic Power Save Feature

Your GMR1438 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 automatically turns ON when any key (except the **PTT** button) is pressed. The LCD display illuminates for 10 seconds before turning OFF.

Roger Beep

Roger Beep is a BEEP that is sent to notify the end of transmission (both PTT and VOX transmission). Roger Beep can be heard through the speaker when both Roger beep and Key Beep are set to ON. When Roger beep is set to ON and Key Beep OFF, Roger Beep will not be heard from the speaker but it will be transmitted to your party. When Roger Beep is set to OFF, Roger Beep neither be heard nor transmitted.

To turn ON Roger Beep:

Press and hold the key while turning ON the radio.

To turn OFF Roger Beep:

Press and hold the key while turning ON the radio.

Please do not send products or other correspondence to this address.

039 Q

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PRODUCT REGISTRATION DEPARTMENT
PO BOX 44486
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USA



Uniden® PRODUCT REGISTRATION CARD

Complete the attached registration card and return today to receive these 3 important benefits:

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039 Q

1 First name: Initial: Last name: Address: Apt number: City: State: Zip code:

2 E-mail address: (EXAMPLE: yourname@yourhost.com)

- 1. Yes! I want to receive offers or communications from Uniden via e-mail.
2. Yes! I want to receive offers or communications that may interest me from other companies via e-mail.

3 Date of purchase: Month Day Year

4 Purchase Price: \$.00 (excluding tax)

5 Serial Number: (Located on the back of each unit)

6 Model Number: (Example: GMRS540-2, WX500)

7 Which Uniden product did you purchase? 1. FRS/GMRS Radio 2. Weather Radio

8 Store Name:

9 Check the two (2) most important reasons influencing your purchase of this Uniden Product:

10 Check the two (2) most important features to you on this Uniden product:

11 How did you first become aware of this product?

12 Your gender: 1. Male 2. Female

13 Your marital status: 1. Married 2. Single

14 Date of your birth: Month Day Year

15 Including yourself, how many people live in your household? (Examples: 01, 02, etc.) Children (18 and younger) Adults

16 Date of birth of children in your household 18 years of age and younger:

Gender Male Female Birth Date Month Year Child #1 Child #2

17 For your primary residence, do you: 1. Own 2. Rent

18 Education: (Please check which category applies to you): 1. Some high school 2. Completed high school 3. College degree 4. Graduate degree

19 I/we buy these things through the mail, over the Internet, or from television:

1. Books/magazines 2. Checks (not from a bank) 3. Children's products 4. Clothing 5. Computer products 6. Cosmetics/jewelry 7. Crafts/hobbies 8. Gardening supplies 9. Gifts 10. Housewares/furnishings 11. Insurance/financial products 12. Music/video/DVD 13. Sports equipment 14. Travel 15. Other

20 I/we have these credit cards: 1. American Express/Diners Club 2. Discover 3. Retail/Gas 4. Visa/MasterCard 5. Other 6. None

21 Someone in my home enjoys: 1. Astrology 2. Auto racing 3. Comparison Shopping 4. In-Store Display 5. Newspaper Ad 6. Magazine Ad 7. TV Ad 8. Recommendation of Salesperson 9. Recommendation of Friend/Family 10. Direct Mail 11. Gourmet food/cooking 12. Grandchildren 13. Home decorating 14. Hunting/shooting 15. Investing 16. Lottery/sweepstakes 17. Pets-cats 18. Pets-dogs 19. Pets-other 20. Photography 21. Play sports 22. Self improvement 23. Skiing/snowboarding 24. Travel-Foreign 25. Travel-U.S. 26. Vacation cruises 27. Vitamins/natural foods 28. Wines 29. Woodworking 30. Worship/Bible

SPECIFICATIONS

Channels 15 GMRS/7 FRS Sub Codes 38 Sub-Audible Tones 61 DCS Codes Operating Frequency UHF 462.5500 - 467.7125 MHz Power Source NiMH Battery Pack (BP40) or 4 AAA Alkaline Batteries Range Channel 1-7 up to 14 miles Channel 8-14 up to 5 miles Channel 15-22 up to 14 miles Battery Life 12 Hours typ. - Alkaline Batteries (5/5/90 duty cycle) 12 Hours typ. - NiMH Battery Pack

Frequency Chart

Table with 4 columns: Ch. Freq., Cross Ref., Ch. Freq., Cross Ref. Rows 1-11.

CTCSS Chart (Hz)

Table with 4 columns: Code, Freq., Code, Freq. Rows 1-19.

DCS Code List

Table with 6 columns: Tone No., Octal Code, Tone No., Octal Code, Tone No., Octal Code. Rows 39-60.

REGULATORY 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.

- 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.

Hazardous Environments: Do not operate the radio in hazardous environments. Explosion or fire may result.

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.

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.

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 insure safe operation. Please adhere to the following: Use only the supplied or an approved 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.

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

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.

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.

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). Disconnect the battery from the Product and separately secure the battery in its own separate packaging within the shipping carton.

Uniden America Service 4700 Amon Carter Blvd. Fort Worth, TX 76155 (800) 297-1023, 7:00 a.m. to 7:00 p.m. CST, Monday through Friday: 9:00 a.m. to 5:00 p.m. CST, Saturday, Sunday and Holidays (except Thanksgiving and Christmas).

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 6,839,550 6,980,770



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