

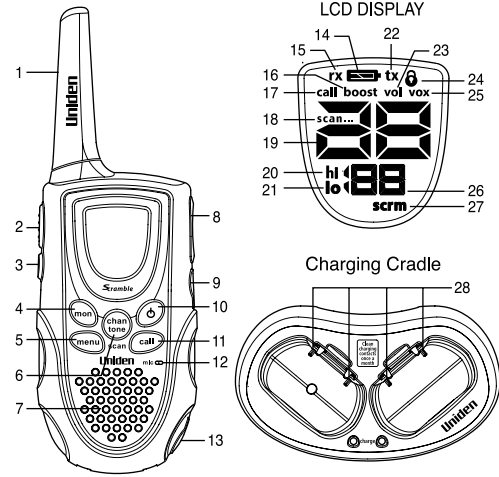
GMR2059-2CK

- 15 GMRS / 7 FRS Channels
- 142 Privacy Codes (CTCSS Tone and DCS Code)
- Up to 20 Mile Range*
- Scramble
- Internal VOX Circuitry
- 5 Selectable Call Tone Alerts
- Backlit LCD Display
- Optional Headset Accessories
- Headset Jack
- Roger Beep
- Power Boost Button for Maximum Range
- Battery Charger
- Battery Level Meter
- Channel Monitor
- Channel Scan
- Keypad Lock
- DC IN 9V Jack



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

GMR2059-2CK RADIO



- | | |
|-----------------------------|-----------------------------|
| 1 Antenna | 15 Receive Indicator |
| 2 PTT (Push-To-Talk) Button | 16 boost Indicator |
| 3 Power Boost Button | 17 Call Indicator |
| 4 Monitor Key | 18 Scan Indicator |
| 5 Menu Key | 19 Channel Indicator |
| 6 Channel Tone/Scan Key | 20 Hi Power Indicator |
| 7 Speaker | 21 Low Power Indicator |
| 8 Up/Down Button | 22 Transmit Indicator |
| 9 Headset Jack | 23 Volume Setting Indicator |
| 10 Power On/Off Key | 24 Keypad Lock Indicator |
| 11 Call Key | 25 VOX Indicator |
| 12 Microphone | 26 Privacy Code Indicator |
| 13 DC IN 9V | 27 Scramble Indicator |
| 14 Battery Level Meter | 28 Charging Contacts |

Congratulations on your purchase of the Uniden GMR2059-2CK (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

Your package contains two GMR2059-2CK radios, two rechargeable NiMH battery packs (#BP38), two AC adapters (#AD-0001), two charging cradles (#RC1202), two belt clips and this reference guide. You can operate the unit using the rechargeable NiMH battery pack or 4 AAA alkaline batteries (not included).

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

- NiMH Battery Pack - #BP38
- Charging Cradle - #RC1202
- Headset - #HS910/HS915/ZA-133
- AC Adapter - #AD-0001
- DC Adapter - #DC-1002

GMRS LICENSE

The GMR2059-2CK 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

Your GMR2059-2CK radio uses a supplied NiMH battery pack 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 applying the battery contacts to the lower charge contacts. 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

If you use the rechargeable NiMH battery pack, two GMR2059-2CK radios can be charged directly or by using the supplied charging cradle.

Charge by Using the Radio

- 1) Connect the DC adapter's plug to the radio's DC IN 9V jack and plug the other end into your vehicle's accessory power outlet.
- 2) Charge the battery pack for 16 hours until the battery indicator stops flashing.

Using the Charging Cradle

- 1) Connect the AC adapter's plug to DC IN 9V jack and plug the other end into an AC 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:

- For charging batteries directly without the cradle, use only the #DC-1002 Cigarette Lighter Adapter cord, available from www.uniden.com. Other power cords could damage your radio.
- DC IN 9V Jack of the radio is for charge only. Be sure to install the battery before charging.
- Use only the supplied battery, AC or DC 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.
- Battery must be installed for operation, even from external power.
- If battery Power is low, you cannot operate the radio even using external power. Allow the batteries to charge before using. If you try to transmit while power is low, the radio will automatically turn off.

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 button. To decrease the volume, press the button.
- 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** and **Power boost** 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 142 Privacy 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 Privacy Code.

To choose a channel:

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

Note: Channels 1-7 and 15-22 have a typical range of up to 20 miles by pressing the **Power boost** button. **hi** is displayed when you select a GMRS channel, and **lo** is displayed when you select a FRS channels.

Choosing a Privacy Code

Each of the channels 1-22 may have any one of the codes, OFF or 1-142 selected. Code **oF** (OFF) indicates no Privacy Code selected and your radio can receive a signal regardless of the code settings of the transmitting radio.

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

Channel Scan Feature

Your GMR2059-2CK 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** and **Power boost** button while the scan is paused on a channel allows you to transmit on that channel.

To turn ON channel scan:

Press and hold the **chan tone/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**, **Power boost** or **menu** key, or press and hold the **chan tone/scan** key for 2 seconds.

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.

Note: When you press the **Power boost** button, **boost** and **tx** icon appear on the display. The radio will transmit Maximum power when a GMRS channel is selected. After one minute past when the boost transmission is established, the transmission stops automatically, and you will hear a boost time out error tone.

Warning! The typical range of GMRS channels can be boosted only with NiMH batteries. When the **Power boost** key is pressed while using alkaline batteries, **hi** icon appears instead of boost icon and the range is not boosted.

Monitor Mode Feature

Your GMR2059-2CK radio allows you to listen for weak signals on the current channel at the press of a key.

To turn ON the Monitor Mode:

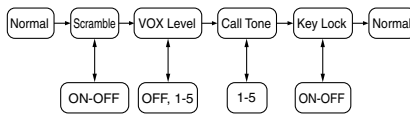
- For brief listening, press **mon** button. The **rx** icon blinks.
- Press and hold **mon** button for 2 seconds until two beeps sound for continuous listening. The receiver circuit stays open, letting both the noise and weak signals to be heard.

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 GMR2059-2CK, 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**, **Power boost**, **mon**, **call** or **chan tone/scan** key.
 - c. Wait 10 seconds until the unit automatically returns to "Normal" mode.

Setting Scramble

Scramble feature allows you to make a private conversation. No one listening to your conversation can understand what you are talking about. Be sure that your party also sets their radio to the scramble feature.

Note: Scramble only operates on FRS channels 8-14.

To set Scramble:

- 1) Enter the Menu.
- 2) Select on using or button.

Voice Operated Transmission

Your GMR2059-2CK 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 pushing into the remote microphone instead of speaking the **PTT** and **Power boost** 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 button 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 GMR2059-2CK 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 button 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** and **Power boost** 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 button.
- 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 GMR2059-2CK 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** and **Power boost** button) is pressed. The LCD display illuminates for 10 seconds before turning OFF.

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

039 Q

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PRODUCT REGISTRATION DEPARTMENT
PO BOX 44486
DENVER CO 80201-4486
USA



Uniden® PRODUCT REGISTRATION CARD

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

- **CONFIRM YOUR WARRANTY:**
Your prompt product registration confirms your right to the protection available under the terms and conditions of your Uniden warranty.
- **PROTECT YOUR PRODUCT:**
We will keep the model number and date of purchase of your new Uniden product on file to help you refer to this information when necessary.
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PLACE
FIRST-CLASS
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Please fill-out and return this card within 10 days!



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? 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:

A. Mail B. Internet C. TV
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. Automotive work 4. Books 5. Camping/hiking 6. Casino gambling 7. Cigars 8. Collecting 9. Computers/Internet 10. Cooking/recipes 11. Crafts/needlework 12. Cultural art/events 13. Cycling 14. Dieting/weight control 15. Do-it-yourself 16. Donating to charity 17. Fishing 18. Fitness/exercise 19. Gardening 20. Golf 21. Gourmet food/cooking 22. Grandchildren 23. Home decorating 24. Hunting/shooting 25. Investing 26. Lottery/sweepstakes 27. Pets-cats 28. Pets-dogs 29. Pets-other 30. Photography 31. Play sports 32. Self improvement 33. Skiing/snowboarding 34. Travel-Foreign 35. Travel-U.S. 36. Vacation cruises 37. Vitamins/natural foods 38. Wines 39. Woodworking 40. Worship/Bible

Roger Beep

Roger Beep is a BEEP that is sent to notify the end of transmission (PTT, Power boost and VOX transmission). Roger Beep can be heard through the speaker when both Roger beep and Key Beep are set to ON.

To turn ON Roger Beep:

Press and hold the button while turning ON the radio.

To turn OFF Roger Beep:

Press and hold the button while turning ON the radio.

SPECIFICATIONS

Channels: 15 GMRS/7 FRS
Privacy Code: 38 Sub-Audible Tones
Operating Frequency: 462.5500 - 467.7125 MHz
Power Source: NiMH Battery Pack (BP38) or 4 AAA Alkaline Batteries
Range: Channel 1-7 up to 14 miles
Battery Life: 12 Hours typ. - NiMH Battery Pack (5/5/90 duty cycle)

Frequency Chart

Table with 4 columns: Ch. Freq., Cross Ref., Ch. Freq., Cross Ref. listing frequencies for channels 1-11.

CTCSS Chart (Hz)

Table with 4 columns: Code, Freq., Code, Freq. listing CTCSS codes and frequencies for channels 1-15.

Table with 4 columns: 16-19, 114.8-127.3, 36-38, 233.6-250.3

DCS Code List

Table with 6 columns: Tone No., Octal Code, Tone No., Octal Code, Tone No., Octal Code listing DCS codes for tones 16-73.

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.

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."

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.

Dry the battery compartment with a soft cloth to minimize potential water damage. Leave the battery compartment cover off overnight to ensure complete drying.

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. 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.

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.

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. 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). 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
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