



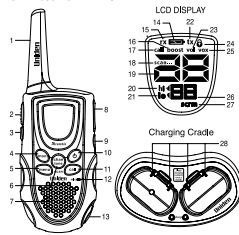
## GMR2059-2CK

- 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 Scan Indicator           |
| 4 Monitor Key               | 18 Channel Indicator        |
| 5 Menu Key                  | 19 Hi Power Indicator       |
| 6 Channel Tone/Scan Key     | 20 Low Power Indicator      |
| 7 Speaker                   | 21 Transm. Indicator        |
| 8 Up/Down Button            | 22 Volume Setting Indicator |
| 9 Headset Jack              | 23 Keypad Lock Indicator    |
| 10 On/Off Key               | 24 VOX Indicator            |
| 11 Call Key                 | 25 Privacy Code Indicator   |
| 12 Microphone               | 27 Scramble Indicator       |
| 13 DC IN 9V                 | 28 Charging Contacts        |
| 14 Battery Level Meter      |                             |

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, 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](http://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/HS915ZA-133
- AC Adapter - #AD-0001
- DC Adapter - #DC-0002

### 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/w/mb/ubs](http://www.fcc.gov/w/mb/ubs) or call the FCC online 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 stop flashing.

### Using the Charging Cradle

- 1) Connect the AC adapter's plug to the radio's 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](http://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 below adapter.
- 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. 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 channel.

### 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) 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:

- 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**.

### 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 speaking into the remote microphone instead of pushing 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 **key lock** 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.

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**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.
- **HELP US DEVELOP NEW PRODUCTS:** We value your input! Your responses will help us bring you new products specifically designed to meet your needs.

PLEASE FOLD AND SEAL WITH TAPE BEFORE MAILING. DO NOT STAPLE.

Please fill-out and return this card within 10 days!

Uniden registration form with sections 1-20 for personal information, purchase details, and preferences.

Roger Beep Roger Beep is a BEEP that is sent to notify the end of transmission (PTT, Power boost and VOX transmission).

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

Frequency Chart

Table with columns: Ch, Freq, Cross Ref, Code, Freq, Cross Ref. Lists channel frequencies and their corresponding codes.

CTCSS Chart (Hz)

Table with columns: Code, Freq, Code, Freq. Lists CTCSS tones and their corresponding codes.

Table with columns: 16, 17, 18, 19 and values: 114.8, 118.8, 123.0, 127.3.

DCS Code List

Table with columns: Tone, Octal, Tone, Octal, Tone, Octal, Tone, Octal. Lists DCS codes and their corresponding tones.

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.

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.

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.

Never allow children to operate the radio without adult supervision and the knowledge of the following guidelines.

Do not use the radio with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result.

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. WARRANTY DURATION: 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 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.

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.

Uniden America Service 4700 Arcon 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).

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).

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, 5,676,176, 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, 6,333,700, 6,838,550, 6,980,770

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