

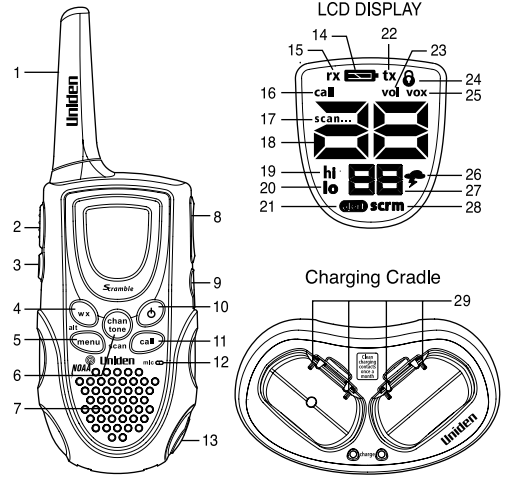
# GMR1448-2CK

- 15 GMRS / 7 FRS Channels
- 99 Sub Codes (CTCSS Tone and DCS Code)
- Up to 14 Mile Range\*
- Scramble
- 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
- NOAA Emergency / Weather Channels
- Emergency Weather Alert
- DC IN 9V Jack



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

## GMR1448-2CK RADIO



- |                             |                             |
|-----------------------------|-----------------------------|
| 1 Antenna                   | 16 Call Indicator           |
| 2 PTT (Push-To-Talk) Button | 17 Scan Indicator           |
| 3 Monitor Button            | 18 Channel Indicator        |
| 4 Weather/Alert Key         | 19 Hi Power Indicator       |
| 5 Menu Key                  | 20 Low Power Indicator      |
| 6 Channel Tone/Scan Key     | 21 Alert Indicator          |
| 7 Speaker                   | 22 Transmit Indicator       |
| 8 Up/Down Button            | 23 Volume Setting Indicator |
| 9 Headset Jack              | 24 Keypad Lock Indicator    |
| 10 On/Off Key               | 25 VOX Indicator            |
| 11 Call Key                 | 26 Weather Indicator        |
| 12 Microphone               | 27 Sub Code Indicator       |
| 13 DC IN 9V                 | 28 Scramble Indicator       |
| 14 Battery Level Meter      | 29 Charging Contacts        |
| 15 Receive Indicator        |                             |

Congratulations on your purchase of the Uniden GMR1448-2CK (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 GMR1448-2CK radios, two rechargeable NiMH battery packs (#BP40), one AC adapter (#AD-0001), one charging cradle (#RC1032), 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 - #BP40
- Charging Cradle - #RC1032
- Headset - #HS910/HS915/ZA-133
- AC Adapter - #AD-0001
- DC Adapter - #DC-1002

### GMRS LICENSE

The GMR1448-2CK 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](http://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 GMR1448-2CK 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 GMR1448-2CK radios can be charged directly or by using the supplied charging cradle.

#### Charge by Using the Radio

- 1) Connect the optional DC adapter (#DC-1002) to DC IN 9V jack of the radio and to a cigarette lighter port.
- 2) Charge the battery pack for 16 hours until the battery indicator stops flashing.

#### Using the Charging Cradle

- 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 charging.

**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 before charge.
- 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.
- 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 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/scan** key and press the or key to increase or decrease the channel number displayed.

**Note:** Channels 1-7 have a typical range of up to 14 miles. Channels 8-14 have a typical range of up to 5 miles. Channels 15-22 have a 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/scan** 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) Press **chan tone/scan** to exit the Menu.

#### Channel Scan Feature

Your GMR1448-2CK 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 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**, **wx/alert** 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.

#### Monitor Mode Feature

Your GMR1448-2CK radio allows you to listen for weak signals on the current channel at the press of a key.

To turn ON the Monitor Mode:

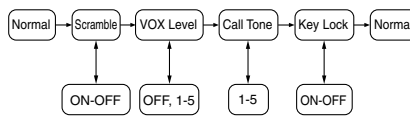
- For brief listening, press **mon** button. The **rx** icon blinks.
- Press and hold **mon** button for 2 seconds until two beeps sound for continuous listening. The receiver circuit stays open, letting both the noise and weak signals to be heard.

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 GMR1448-2CK, 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**, **mon**, **call**, **wx/alert**, 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 .

#### Voice Operated Transmission

Your GMR1448-2CK 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 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 GMR1448-2CK 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 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 GMR1448-2CK 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 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.

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