

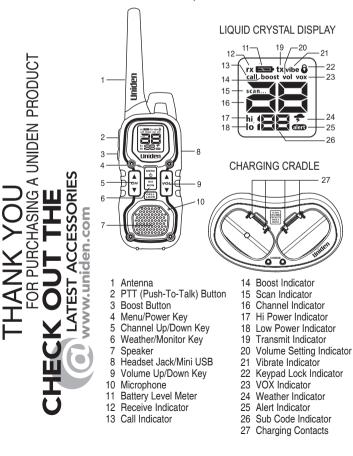
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# GMR4040-2CKHS **GMR4099-2CKHS**

| <ul> <li>15 GMRS / 7 FRS Channels</li> </ul>    | <ul> <li>NiMH battery pack</li> </ul>      |
|---|--|
| <ul> <li>7 Weather Channels</li> </ul>          | <ul> <li>Battery Charger</li> </ul>        |
| <ul> <li>121 Sub Codes</li> </ul>               | <ul> <li>Mini USB Charging Port</li> </ul> |
| (CTCSS Tone and DCS Code)                       | <ul> <li>10 Hours Battery Life</li> </ul>  |
| <ul> <li>Up to 40 Mile Range*</li> </ul>        | <ul> <li>Battery Level Meter</li> </ul>    |
| <ul> <li>Internal VOX Circuitry</li> </ul>      | Channel Monitor                            |
| 10 Selectable Call Tone Alerts                  | Channel Scan                               |
| <ul> <li>Backlit LCD Display</li> </ul>         | <ul> <li>NOAA Emergency /</li> </ul>       |
| Headset Jack                                    | Weather Channels with                      |
| <ul> <li>2 headset boom mics</li> </ul>         | ALERT                                      |
| <ul> <li>Vibrate Call Alert</li> </ul>          | <ul> <li>Camo Pattern</li> </ul>           |
| Roger Beep                                      | (GMR4099-2CKHS only)                       |
| <ul> <li>Power Boost PTT</li> </ul>             | Weather Resistant (JIS2)                   |
| <ul> <li>2 Belt Clips</li> </ul>                |  |
| <ul> <li>2 Carabiner Clips (GMR4099-</li> </ul> |  |
| 2CKHS only                                      |  |

Range may vary depending on environmental and/or topographical conditions GMR4040-2CKHS, GMR4099-2CKHS RADIO



Congratulations on your purchase of a Uniden GMRS (General Mobile Radio Service) radio. These lightweight, palm-sized radios are state-ofthe-art devices. Both have many top features. The GMR4040-2CKHS and GMR4099-2CKHS include two headset boom mics. JIS2 compliant. Use them at outdoor and sporting events, to contact family and friends, hiking, skiing, outdoors, or in a neighborhood watch for vital communication.

# PACKAGE CONTENTS

Your package contains two radios, two rechargeable NiMH battery packs, one charging cradle, two headset boom mics, two belt clips, two Carabiner Clips (GMR4099-2CKHS only), and this reference guide. A NiMH battery pack or 3 AAA alkaline batteries (not included) power each unit. 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 #BT-1029 or BP-1029
- Charging Cradle #RC-1288
- Headset Boom Mic #ZA-133 or ZA-160
- AC Adapter #AD-0001
- Mini USB Cable #BWZG1666001
- Carabiner Clip #TSTD0720002

### **GMRS LICENSE**

The 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**

Each radio uses a supplied NiMH battery pack or 3 AAA alkaline batteries (not included). To install the NiMH battery pack:

- 1) Make sure your radio is OFF.
- 2) Press the tab at the bottom of the battery compartment door to 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 icon flashes. Recharge the NiMH battery pack immediately or if you are using 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 radios can be charged directly or by using the supplied charging cradle.

### USING THE RADIO

- 1) Connect an optional Mini USB cable
- (#BWZG1666001) to the radio Mini USB port and the other end to a computer or to an AC or DC adapter that provides USB charging power (NOT to a USB hub).
- 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 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:

- Use the optional Mini USB cable #BWZG1666001 accessory from Uniden to connect to an AC or DC adapter that provides USB charging power (NOT to a USB hub).
- 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.
- The battery must be installed for the unit to operate, even if the unit is also connected to 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

### **USING A HEADSET**

You can use a headset (#ZA-133 or ZA-160) for more private communications. To use a headset. lift the rubber cover from over the headset lack. then plug in the headset.

Important: Your radio is not weather resistant when using a headset jack. When you remove the headset, be sure to fully press the jack cover into place to restore its weather resistant capability.

### **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

- Press and hold *MENU* to turn the radio ON. and increase the speaker volume by pressing **VOL** ▲ . To decrease the volume, press
- VOL V. 2) Press and hold *MENU*/ () 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 CALL/LOCK) is pressed. To turn this sound OFF, press and hold CALL/ *LOCK* while turning ON the radio. Repeat this step to turn the sound ON.

### **CHOOSING A CHANNEL**

Your radio has 22 channels and 121 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  $CH \blacktriangle / CH \lor$  key to increase or decrease the channel number displayed.

Note: Channels 1-7 have a typical range of up to 40 miles. Channels 8-14 have a typical range of up to 5 miles. Channels 15-22 have a typical range of up to 40 miles. You can see which GMRS or FRS channel is active by the icon. The **hi** icon is displayed while scanning GMRS channels, and the lo icon is displayed while scanning FRS channels.

### 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. rx displays.

### MONITOR MODE FEATURE

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

To turn ON Monitor mode:

 Press and hold WX/MON for 2 seconds until two beeps sound. The receiver circuit stays open, and both noise and weak signals can be heard.

To turn OFF Monitor mode:

to "Normal" mode: the **rx** icon stops blinking and disappears.

### ADVANCED FUNCTIONS (MENUS)

functions. Normal -- Sub Code -- Scan -- Silent -- WOX Level -- Call Tone -- WX Level -- Call Tone -- WX

# Press MENU/ to enter the menus.

2) Additional presses of **MENU**/ () advance you through the menus until exiting to "Normal" operating mode.

3) Other methods of exiting the Menu function are: a. Press and hold MENU/ () again.

b. Press any key except CH ▲ / CH ▼ or VOL ▲ / VOL 
and wait 10 seconds until the unit returns to "Normal" mode.

# Sub Code

Each of the channels 1-22 may have any one of the codes, OFF, or 1-121 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.

 Press MENU/ to enter Menu mode. The subcode indicator flashes.

2) Press  $CH \land / CH \lor$  key to increase or decrease the code number displayed. You can also select oF (OFF) at this stage.

3) Press MENU/ to exit Menu mode. 4) Press any key other than  $CH \land / CH \lor$  or VOL $\blacktriangle$  / **VOL**  $\checkmark$  and the radio returns to Idle mode in 10 seconds.

Scan

channel.

channel is detected, the radio pauses on that

Press and hold WX/MON for 2 seconds to return

Use MENU/ to access your radio's advanced



Your radio has a channel scan feature that allows vou to easily scan all 22 channels. When an active 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

To turn ON channel scan:

- 1) Press MENU/ trepeatedly until the scan... icon and oF blink.
- 2. Press  $CH \land / CH \lor$  to select Scan mode and press MENU/ to start it.

To turn OFF channel scan:

- 1) Press MENU/ the scan setting of oF.
- 2) Press any key other than CH ▲ / CH ▼ or *VOL* ▲ / *VOL* ▼ to turn channel scan off in 10 seconds.

### Voice Operated Transmission

Your 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 microphone instead of pressing PTT.

To select VOX level:

- 1) Press MENU/ d repeatedly until the vox icon and the VOX sensitivity level (OFF. 1-5) blink.
- 2) Press  $CH \blacktriangle / CH \blacksquare$  to change the VOX sensitivity levels. Use level 1 for increased sensitivity to voice in normally guiet environments, and use a higher level to reduce undesired activation in very noisy environments.

### Call Tone

Your radio is equipped with 10 selectable call tones that are transmitted when CALL/LOCK is pressed.

To select a call tone:

- 1) Press MENU/ C repeatedly until the CALL icon and Call Tone start to blink on the display.
- 2) Press  $CH \land / CH \lor$  to move through the available call tones. Each tone will be heard through the speaker but will not be transmitted. Cycle through these tones and stay on the tone you want to select.
- 3) Exit Call Tone to set the selected tone.

## Setting Silent Mode

When you turn on the silent mode, all incoming calls are muted: the radio flashes the display backlight, the channel indicator, vibe and call to alert you to an incoming call. If you do not respond to the call within 15 seconds, the backlight turns off The radio will also vibrate to remind you that you missed a call. Silent mode is disabled for 15 seconds when you transmit, receive, or press any other button.

Press MENU/ C repeatedly until the vibe icon and the current setting start to blink on the display.

- To turn ON the silent mode:
- 1) Press CH A to display on.
- 2) To exit the Menu, press the MENU/ they advance you through the Menu until exiting to "Normal" mode. vibe appears.

To turn OFF the silent mode:

- 1) PressCH ▼ to display oF.
- 2) To exit the Menu, press the MENU/ two advance you through the Menu until exiting to "Normal" mode. vibe disappears.

Note: To prevent unwanted silent alerts, be sure to use a Privacy code whenever you use the Silent mode feature. You can hear the received voice when vou turn on channel scan and an active channel is detected even during silent mode.

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# Missed Call Alerts

If you receive an incoming call while silent mode is on and do not respond, the radio will turn on the Missed Call icon

The radio will additionally remind you of a missed call by vibrating every minute after the call for 3 minutes.

# **KEY LOCK**

To lock the keypad:

1) Press and hold CALL/LOCK: A displays.

These functions are not affected by Key Lock:

- Volume adjust
- Call tone transmission
- Enter monitor mode
- PTT transmission
- Power off

To unlock the keypad:

Press and hold CALL/LOCK again; a disappears.

# AUTOMATIC POWER SAVE

Your radio has a circuit designed to dramatically extend the life of the batteries. If there is no transmission or an incoming call within 3 seconds. vour radio switches to 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 is set to 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 will neither be heard nor transmitted.

To change Roger Beep setting:

Press and hold *VOL* A while turning the radio on and off. If Roger Beep is ON, it will be turned off; if it is OFF, it will be turned on.

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# USING THE WEATHER RADIO

Your radio can receive weather broadcasts from the NOAA National Weather Service. When in the Weather Radio Alert mode, the system functions as it does in standard mode but also monitors the selected weather channel for alerts when not communicating. While using the Weather Radio, you are not able to receive GMRS communications

- 1) To turn on the Weather Radio Broadcast mode, press WX/MON. The 🕈 icon appears.
- 2) Press  $CH \land / CH \lor$  to increase or decrease the number to the desired Weather Channel.
- 3) To exit the Weather Radio Broadcast mode, press WX/MON. The 🜩 icon disappears.

Choosing an Emergency/Weather Channel There are 7 NOAA channel frequencies available and these frequencies are common between the US and Canada. You need to know what frequency is being transmitted in your location.

Press **MENU**/ trepeatedly until the **alert** icon and the current setting start to blink on the display.

To turn ON Weather Alert:

1) Press *CH* ▲ to display on.

- 2) To exit the Menu, press the **MENU**/ they advance you through the Menu until exiting to "Normal" mode, alert icon appears.
- 3) When the unit receives a warning signal, it beeps for 5 seconds. (alert) and channel indicator flash.

To turn OFF Weather Alert:

- 1) Press CH ▼ to display oF.
- 2) To exit the Menu, press the **MENU/** they advance you through the Menu until exiting to "Normal" mode. alert icon disappears.
- · When Weather Alert is activated, the highest priority is given to this function. It checks the weather alert signals every 7 seconds. When the unit finds a warning signal, it switches to the warning receive mode automatically.
- Weather Alert is activated even if Beep Tone is turned off.

NOAA Weather Radio Frequency List:

| Channel 1 162.550 MHz | Channel 5 162.450 MHz |
|-----------------------|-----------------------|
| Channel 2 162.400 MHz | Channel 6 162.500 MHz |
| Channel 3 162.475 MHz | Channel 7 162.525 MHz |
| Channel 4 162.425 MHz |                       |

### **SPECIFICATIONS** Channels 15 GMRS/7 FRS/7 Weather Sub Codes 38 Sub-Audible Tones 83 DCS Codes Operating Frequency GMRS/FRS: 462.5500 - 467.7125 MHz WX: 162.4000 - 162.5500 MHz Power Source NiMH Battery Pack (BT-1029 or BP-1029) or

| 3 AAA Alkaline Batteries<br>Channel 1-7 up to 40 miles<br>Channel 15-22 up to 40<br>miles         Battery Life       10 Hours typ NiMH<br>Battery Pack<br>(5/5/90 duty cycle)         Frequency Chart         Cross Ref.<br>1 462.5625       Cross Ref.<br>1 462.6625       FRS & GMRS 1       12 467.6625       FRS 11         S 462.6625       FRS & GMRS 3       14 467.7125       FRS 14         A 462.6605       GMRS 13         A 462.6605       GMRS 18         S 462.6625       FRS & GMRS 5       16 462.5700       GMRS 18         A 462.6600       GMRS 13         A 462.6600       GMRS 14         A 462.7250       GMRS 14   |   |              |          |  |  |          |     |                                       |     |          |  |
|---|---|--------------|----------|--|--|----------|-----|---------------------------------------|-----|----------|--|
| Battery Life       10 Hours typ NiMH<br>Battery Pack<br>(5/5/90 duty cycle)         Frequency Chart       Cross Ref.       Ch. Freq.       Cross Ref.         1 462.5625       FRS & GMRS 1       12 467.6625       FRS 12         2 462.5875       FRS & GMRS 2       13 467.6875       FRS 13         3 462.6125       FRS & GMRS 3       14 44       467.7125       FRS 18         4 462.6375       FRS & GMRS 5       16 462.5750       GMRS 11         5 462.6625       FRS & GMRS 7       18 462.6000       GMRS 12         7 462.6000       GMRS 12       FR 8 & GMRS 7       18 462.6000       GMRS 10         10 467.6125       FRS 8 GMRS 7       18 462.6000       GMRS 10       10         467.6525       FRS 8 GMRS 7       18 462.6000       GMRS 14       11         11 467.6125       FRS 10       21 462.7000       GMRS 14         11 467.6125       FRS 11       22 462.7250       GMRS 15         Code       Freq.       Code       Freq.       0F         0F       OFF       20       131.8       1         1 467.6125       FRS 1       22       141.3       3         3 74.4       23       146.2       4       77.0       24       151.4 <td>I</td> <td>Rar</td> <td></td> <td colspan="4">Channel 1-7 up to 40 miles<br/>Channel 8-14 up to 5 miles</td> | I | Rar          |          | Channel 1-7 up to 40 miles<br>Channel 8-14 up to 5 miles |  |          |     |                                       |     |          |  |
| Frequency Chart         Cross Ref.       Cross Ref.         1 $462.5625$ FRS & GMRS 2       13 $467.6625$ FRS 12         2 $462.6875$ FRS & GMRS 3       14 $467.7125$ FRS 13         3 $462.6125$ FRS & GMRS 4       15 $462.6750$ GMRS 11         5 $462.6625$ FRS & GMRS 5       16 $462.5750$ GMRS 12         7 $462.7125$ FRS & GMRS 6       17 $462.6250$ GMRS 13         9 $467.5875$ FRS 9       20 $462.6750$ GMRS 10         10 $467.6125$ FRS 10       21 $462.7000$ GMRS 14         11 $467.6375$ FRS 11       22 $462.7125$ GMRS 15         Crtcss Chart (Hz)         Code       Freq.       Code       Freq.         0F       OFF       20       131.8       1       66.22         7       19       22       141.3       3       74.4       23       146.2         4       77.0       24       151.4       5       79.7       25       156.7  | I | Battery Life |          |  | miles<br>10 Hours typ NiMH<br>Battery Pack |          |     |                                       |     |          |  |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $  | I | Fre          | quency   | Chart  |  | (        |     | , , , , , , , , , , , , , , , , , , , | ,   |          |  |
| 2         462.5875         FRS & GMRS 2         13         467.5875         FRS 13           3         462.6125         FRS & GMRS 3         14         467.7125         FRS 14           4         462.625         FRS & GMRS 4         15         462.6000         GMRS 11           5         462.6625         FRS & GMRS 6         17         462.6000         GMRS 12           7         462.7125         FRS & GMRS 7         18         462.6250         GMRS 9           8         467.5252         FRS 8         19         422.6000         GMRS 10           10         467.5875         FRS 10         21         462.7000         GMRS 14           11         467.6375         FRS 11         22         462.7250         GMRS 14           11         467.6375         FRS 11         22         462.7250         GMRS 15           CTCSS Chart (Hz)           Code         Freq.           0F         OFF         20         131.8         1         67.0         21         136.5           2         71.9         22         141.3         3         74.4         23         146.2           4         77.0         24   | ( | Ch.          | Freq.    | Cross  | Ref.                                       | С        | h.  | Freq.                                 | Cr  | oss Ref. |  |
| 3         462.6125         FRS & GMRS 3         14         467.7125         FRS 14           4         462.6375         FRS & GMRS 4         15         462.5500         GMRS 11           5         462.6625         FRS & GMRS 6         17         462.0000         GMRS 12           7         462.7125         FRS & GMRS 6         17         462.6250         GMRS 13           9         467.5625         FRS 8         19         462.6500         GMRS 13           9         467.5675         FRS 9         20         462.750         GMRS 10           10         467.6125         FRS 10         21         462.7000         GMRS 14           11         467.6375         FRS 11         22         462.7100         GMRS 15           CTCSS Chart (Hz)           Code         Freq.         Code         Freq.           0F         OFF         20         131.8         1           1         67.0         21         136.5         2           2         71.9         22         141.3         3         74.4         23         146.2           4         77.0         25         156.7         6         82.5 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>FR</td><td>S 12</td><td></td></td<>                      |   |              |          |  |  |          |     |                                       | FR  | S 12     |  |
| 4         462.6375         FRS & GMRS 4         15         462.5500         GMRS 11           5         462.6625         FRS & GMRS 5         16         462.5750         GMRS 8           6         462.6875         FRS & GMRS 7         18         462.6200         GMRS 13           9         467.5625         FRS 9         20         462.6750         GMRS 10           10         467.625         FRS 10         21         462.7000         GMRS 14           11         467.6375         FRS 11         22         462.7000         GMRS 14           11         467.6375         FRS 11         22         462.7000         GMRS 15           Code         Freq.         Code         Freq.           oF         OFF         20         131.8         1           1         67.0         21         136.5         2           2         71.9         22         141.3         3           3         74.4         23         146.2           4         77.0         24         151.4           5         79.7         25         156.7           6         82.5         28         173.8   |   | -            | 462.5875 | FRS & (  | GMRS 2                                     | 13       | 3   | 467.6875                              | FR  | S 13     |  |
| 5         462.6625         FRS & GMRS 5         16         462.5750         GMRS 8           6         462.6875         FRS & GMRS 6         17         462.6000         GMRS 12           7         462.7125         FRS & GMRS 7         18         462.6250         GMRS 13           9         467.5875         FRS 9         20         462.6750         GMRS 10           10         467.5875         FRS 10         21         462.7000         GMRS 14           11         467.6375         FRS 11         22         462.7250         GMRS 15           CTCSS Chart (Hz)           Code         Freq.         Code         Freq.           0F         OFF         20         131.8         1           1         67.0         21         136.5         2           7         85.4         27         167.9         8           8         85.5         28         173.8         9           9         91.5         29         179.9         10           0         94.8         30         186.2         11           11         97.4         31         192.8         12           12   |   |              |          |  |  |          |     |                                       |     |          |  |
| 6       462.6875       FRS & GMRS 6       17       462.6000       GMRS 12         7       462.7125       FRS & GMRS 7       18       462.6250       GMRS 9         8       467.5625       FRS 8       19       462.6500       GMRS 10         10       467.6125       FRS 10       21       462.7000       GMRS 14         11       467.6375       FRS 11       22       462.7250       GMRS 15         CTCSS Chart (Hz)         Code       Freq.       Code       Freq.         oF       OFF       20       131.8       1         1       67.0       21       136.5       2         2       71.9       22       141.3       3         3       74.4       23       146.2         4       77.0       24       151.4         5       79.7       25       156.7         6       82.5       26       162.2         7       85.4       27       167.9         8       88.5       28       173.8         9       91.5       29       179.9         10       94.8       30       186.2   |   | -            |          |  |  |          |     |                                       |     |          |  |
| 7       462.7125       FRS & GMRS 7       18       462.6250       GMRS 9         8       467.5625       FRS 8       19       462.6500       GMRS 13         9       467.5875       FRS 9       20       462.6750       GMRS 14         11       467.6375       FRS 10       21       462.7000       GMRS 14         11       467.6375       FRS 11       22       462.7250       GMRS 15         CTCSS Chart (Hz)         Code       Freq.       Code       Freq.         oF       OFF       20       131.8       1         1       67.0       21       136.5       2         7       7.4       23       146.2       4         477.0       24       151.4       5       79.7       25       156.7         6       82.5       26       162.2       7       8       88.5       28       173.8         9       91.5       29       179.9       10       94.8       30       186.2         11       97.4       31       192.8       12       100.0       32       203.5         13       103.5       33       210.7       <   |   |              |          |  |  |          |     |                                       |     |          |  |
| 8         467.5625         FRS 8         19         462.6500         GMRS 13           9         467.5875         FRS 9         20         462.6750         GMRS 10           10         467.6125         FRS 10         21         462.7000         GMRS 14           11         467.6375         FRS 11         22         462.7250         GMRS 15           CTCSS Chart (Hz)           Code         Freq.         Code         Freq.           oF         OFF         20         131.8           1         67.0         21         136.5           2         71.9         22         141.3           3         74.4         23         146.2           4         77.0         24         151.4           5         79.7         25         156.7           6         82.5         26         162.2           7         85.4         27         167.9           8         88.5         28         173.8           9         9.1.5         29         179.9           10         94.8         30         186.2           11         97.4         31         192.8     <   |   |              |          |  |  |          |     |                                       |     |          |  |
| 9         467.5875         FRS 9         20         462.6750         GMRS 10           10         467.6125         FRS 10         21         462.7000         GMRS 14           11         467.6375         FRS 11         22         462.7250         GMRS 15           CTCSS Chart (Hz)           Code         Freq.           0F         OFF         20         131.8           1         67.0         21         136.5           2         71.9         22         141.3           3         74.4         23         146.2           4         77.0         24         151.4           5         79.7         25         156.7           6         82.5         26         162.2           7         85.4         27         167.9           8         88.5         28         173.8           9         91.5         29         179.9           10         94.8         30         186.2           11         97.4         31         192.8           12         100.0         32         203.5           13         103.5         33 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>   |   |              |          |  |  |          |     |                                       |     |          |  |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $  | 9 |              |          | FRS 9  |  |          |     |                                       | GM  | IRS 10   |  |
| CrCSS Chart (Hz)         Code       Freq.         oF       OFF       20       131.8         1       67.0       21       136.5         2       71.9       22       141.3         3       74.4       23       146.2         4       77.0       24       151.4         5       79.7       25       156.7         6       82.5       26       162.2         7       85.4       27       167.9         8       88.5       28       173.8         9       91.5       29       179.9         10       94.8       30       186.2         11       97.4       31       192.8         12       100.0       32       203.5         13       103.5       33       210.7         14       107.2       34       218.1         15       110.9       35       225.7         16       114.8       36       233.6         17       118.8       37       241.8         18       123.0       38       250.3         19       127.3       226 <td>1</td> <td>10</td> <td>467.6125</td> <td>FRS 10</td> <td></td> <td>21</td> <td>1</td> <td>462.7000</td> <td>GM</td> <td>IRS 14</td> <td></td>  | 1 | 10           | 467.6125 | FRS 10   |  | 21       | 1   | 462.7000                              | GM  | IRS 14   |  |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $  | 1 | 11           | 467.6375 | FRS 11   |  | 22       | 2   | 462.7250                              | GM  | IRS 15   |  |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $  |   | ст           | CSS CH   | art (Hz  | )  |          |     |                                       |     |          |  |
| oF         OF         20         131.8           1 $67.0$ 21 $136.5$ 2         71.9         22 $141.3$ 3         74.4         23 $146.2$ 4         77.0         24 $151.4$ 5         79.7         25 $156.7$ 6         82.5         26 $162.2$ 7 $85.4$ 27 $167.9$ 8         88.5         28 $173.8$ 9         91.5         29 $179.9$ 10         94.8         30 $186.2$ 11         97.4         31         192.8           12         100.0         32         203.5           13         103.5         33         210.7           14         107.2         34         218.1           15         110.9         35         225.7           16         114.8         36         233.6           17         118.8         37         241.8           18         123.0         38         250.3           19         127.3<  |   |              |          |  | ,  | Co       | ode | - Fre                                 | n   |          |  |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$  |   |              |          |  |  |          |     |                                       |     |          |  |
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| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$   |   |              |          |  |  |          |     |                                       |     |          |  |
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| $\begin{array}{cccccccccccccccccccccccccccccccccccc$  |   |              |          |  |  | 31 192.8 |     |                                       |     |          |  |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$   |   |              |          |  |  |          |     |                                       |     |          |  |
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| $\begin{array}{cccccccccccccccccccccccccccccccccccc$  |   |              |          |  |  |          |     |                                       |     |          |  |
| 18         123.0         38         250.3           19         127.3         DCS Code List         DCS Code List           Tone         Octal         Tone         Octal         Tone         Octal           No.         Code         So         Code         So         Code         No.         Code         No.         Code         No.         Code         No.         Code         So         Code         So   |   |              |          |  |  |          |     |                                       |     |          |  |
| 19         127.3           DCS Code List           Tone         Octal         Tone         Octal         Tone         Octal           No.         Code         No.         Code         No.         Code           39         023         54         115         70         226           40         025         55         116         71         243           41         026         56         125         72         244           42         031         57         131         73         245           43         032         58         132         74         251           44         043         59         134         75         261           45         047         60         143         76         263           46         051         61         152         77         265           47         054         62         155         78         271           48         065         63         156         79         306           49         071         64         162         80         311           50         072  |   |              |          |  |  |          |     |                                       |     |          |  |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $  | • | 19           | 1        | 27.3   |  |          |     |                                       |     |          |  |
| No.         Code         No.         Code         No.         Code           39         023         54         115         70         226           40         025         55         116         71         243           41         026         56         125         72         244           42         031         57         131         73         245           43         032         58         132         74         251           44         043         59         134         75         261           45         047         60         143         76         263           46         051         61         152         77         265           47         054         62         155         78         271           48         065         63         156         79         306           49         071         64         162         80         311           50         072         65         165         81         315           51         073         66         172         82         331           52         074  | I |              |          | .ist   |  |          |     |                                       |     |          |  |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$  |   |              |          |  |  |          |     |                                       |     |          |  |
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| $\begin{array}{cccccccccccccccccccccccccccccccccccc$  |   |              |          |  | 55   | 116      |     | 71                                    |     | 243      |  |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$  |   |              |          |  |  |          |     |                                       |     |          |  |
| 44         043         59         134         75         261           45         047         60         143         76         263           46         051         61         152         77         265           47         054         62         155         78         271           48         065         63         156         79         306           49         071         64         162         80         311           50         072         65         165         81         315           51         073         66         172         82         331           52         074         67         174         83         343           53         114         68         205         84         346   |   |              |          |  |  |          |     |                                       |     |          |  |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$  |   |              |          |  |  |          |     |                                       |     |          |  |
| 47         054         62         155         78         271           48         065         63         156         79         306           49         071         64         162         80         311           50         072         65         165         81         315           51         073         66         172         82         331           52         074         67         174         83         343           53         114         68         205         84         346  |   | 4            | 5 0      | 47   |  |          |     |                                       |     |          |  |
| 48         065         63         156         79         306           49         071         64         162         80         311           50         072         65         165         81         315           51         073         66         172         82         331           52         074         67         174         83         343           53         114         68         205         84         346   |   |              |          |  |  |          |     |                                       |     |          |  |
| 49         071         64         162         80         311           50         072         65         165         81         315           51         073         66         172         82         331           52         074         67         174         83         343           53         114         68         205         84         346  |   |              |          |  |  |          |     |                                       |     |          |  |
| 51 073 66 172 82 331<br>52 074 67 174 83 343<br>53 114 68 205 84 346  |   |              |          |  | 64   | 162      |     | 80                                    |     | 311      |  |
| 52 074 67 174 83 343<br>53 114 68 205 84 346  |   |              |          |  |  |          |     |                                       |     |          |  |
| 53 114 68 205 84 346  |   |              |          |  |  |          |     |                                       |     |          |  |
|   |   |              |          |  |  |          | ;   |                                       |     |          |  |

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| Tone<br>No.<br>86                        | Octal<br>Code<br>364 | Tone<br>No.<br>98 | Octal<br>Code<br>466 | Tone<br>No.<br>110 | Octal<br>Code<br>632 |  |  |
|--|----------------------|-------------------|----------------------|--------------------|----------------------|--|--|
| 87<br>88                                 | 365<br>371           | 99<br>100         | 503<br>506           | 111<br>112         | 654<br>662           |  |  |
| 89                                       | 411                  | 100               | 516                  | 112                | 664                  |  |  |
| 90                                       | 412                  | 102               | 532                  | 114                | 703                  |  |  |
| 91                                       | 115                  | 712               |                      |                    |                      |  |  |
| 92                                       | 423                  | 104               | 565                  | 116                | 723                  |  |  |
| 93                                       | 431                  | 105               | 606                  | 117                | 731                  |  |  |
| 94                                       | 432                  | 106               | 612                  | 118                | 732                  |  |  |
| 95                                       | 445                  | 107               | 624                  | 119                | 734                  |  |  |
| 96                                       | 464                  | 108               | 627                  | 120                | 743                  |  |  |
| 97                                       | 465                  | 109               | 631                  | 121                | 754                  |  |  |
| RBRC INFORMATION                         |                      |                   |                      |                    |                      |  |  |
| As part of our commitment to             |                      |                   |                      |                    |                      |  |  |
| protect the environment and              |                      |                   |                      |                    |                      |  |  |
| conserve natural resources,              |                      |                   |                      |                    |                      |  |  |
|  |                      |                   |                      |                    |                      |  |  |
| an RBRC <sup>®</sup> industry program to |                      |                   |                      |                    |                      |  |  |
| collect and recycle used Ni-MH           |                      |                   |                      |                    |                      |  |  |
|  |                      |                   |                      |                    |                      |  |  |

batteries within the US. Please call 1-800-8-BATTERY for information on Ni-MH battery recycling in your area. (RBRC<sup>®</sup> is a registered trademark of the Rechargeable Battery Recycling Corporation.)

# 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:** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device. 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 FCC 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! 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 guality, damage the radio, or result in violation of FCC 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. Hand-held Operation (Held-to-Face)

This device was evaluated for typical hand-held (held-to-face) operations with a 1 inch spacing from the front of the radio. For hand-held operation, the

radio should be held 1 inch from the user's face in order to comply with FCC RF exposure requirements.

### **Body-worn Operation**

This device was evaluated for body-worn operations with the supplied belt-clip accessory. (All necessary accessories are included in the package; any additional or optional accessories are not required for compliance with the guidelines.) Third party accessories (unless approved by the manufacturer) should be avoided as these might not comply with FCC RF exposure guidelines. For more information about RF exposure, please visit the FCC web site at www.fcc.gov.

# THREE YEAR LIMITED WARRANTY

Important: Evidence of original purchase is required for warranty service. WARRANTOR: UNIDEN AMERICA CORPORATION ("Uniden")

ELEMENTS OF WARRANTY: Uniden warrants. for three years, 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 36 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). Disconnect the battery from the Product and separately secure the battery in its own separate packaging within the shipping carton. 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 at:

Uniden America Service 4700 Amon Carter Blvd. Fort Worth, TX 76155 (800) 297-1023 during regular business hours (CST) (See www.uniden.com for current hours of operation.)



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