Congratulations on your purchase of the Uniden GMRS480 (General Mobile Radio Service) radio. This product is a lightweight, advanced radio. Use it sporty events to stay in contact with family and friends. It is a perfect tool for outdoor communication. This compact, state-of-the-art device is equipped with many features.

The GMRS480 radio is equipped with 38 CTCSS codes, 8 GMRS/7 FRS channels, memory programming, keypad lock, call alert, channel scan, channel lock, and status display. This unit also provides a battery level meter, channel monitor, water resistant, and many other useful features.

To install the batteries:
1. Make sure the radio is off.
2. Remove the battery compartment door by firmly moving the clip away from the display allowing the door to be removed.
3. Place the batteries in the compartment, paying close attention to the right orientation by making sure the positive and negative poles are lined up properly.
4. Replace the battery compartment door and secure the clip back in place.

To transmit the selected call alert tone, momentarily press the VIBRATE button to turn off the alert.

Choosing a CTCSS Code

Your radio has 15 channels and 38 CTCSS codes you can use to talk to others. In order to transmit, each of you must be set to the same channel and CTCSS code.

Choosing a Channel
Your radio has 15 channels and 38 CTCSS codes you can use to talk to others. In order to transmit, each of you must be set to the same channel and CTCSS code.

Using the Memory Feature
This memory feature will allow you to store up to 10 frequenc channels. Each channel can have a unique CTCSS code assigned to it. When the memory feature is turned on, the unit is automatically updated to provide memory programming for the User Programming Menu.

To lock the keypad, press and hold the UNLOCK button until the keypad is unlocked. The keypad lock is indicated by the Lock Indicator on the display.

To unlock the keypad, press and hold the LOCK button until the keypad is locked. The keypad lock is indicated by the Lock Indicator on the display.

Ambient Temperature Display
Your radio will periodically display the ambient temperature during intervals of degree F or degree C.

To change this setting:
1. Enter the menu. Advance through the menu until the Ambient button is displayed. You will see an arrow indicating the memory feature status.
2. Press either the ▲ or ▼ button until the selected channel number is displayed.

Use of the GMRS480 (General Mobile Radio Service) within the United States requires a FCC GMRS license. The individual 10 year age of a minor, is eligible for a GMRS system license. You will need two forms from the FCC. GMRS Form 101 and GMRS Form 105. Schedule 1. You can find these forms online at www.gmrs.com or call 1-410-459-3679.

INSTALL THE BATTERY
Your GMRS480 radio uses the NiMH battery pack or 4 AA alkaline batteries. To install the NiMH Battery Pack:
1. Make sure the radio is off.
2. Remove the battery compartment door by firmly moving the clip away from the display allowing the door to be removed.
3. Place the NiMH batteries in the compartment, paying close attention to the right orientation by making sure the positive and negative poles are lined up properly.
4. Replace the battery compartment door and secure the clip back in place.

The current CTCSS assigned to the channel will be flashing on the display. Press the ▲ or ▼ button to increase or decrease the number to the desired call tone. Each tone will be heard through the speaker.

To use your radio:

Adjusting the Sound (Key Beeps)
Your radio emits a key beep each time one of the buttons is pressed. To turn off the sound, press MENU/SELECT while tuning on the radio. To turn on the sound, press MENU/SELECT while tuning off the radio.

Navigating through the Menu
To access the advanced features of the GMRS480 radio, your radio has a menu function.

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 batteries in the unit are low, the Battery icon will flash and the unit will periodically emit a tone. Replace the batteries immediately. If you are using the NiMH battery pack, you must recharge the batteries in order to continue using the radio.

To remove the keypad lock, press and hold the WX/LOCK button until the icon disappears.

Keypad Lock
To lock the keypad, press and hold the UNLOCK button until the keypad is unlocked. The keypad lock is indicated by the Lock Indicator on the display.

To unlock the keypad, press and hold the LOCK button until the keypad is locked. The keypad lock is indicated by the Lock Indicator on the display.

Talking on Your Radio
1. Press and hold the CALL button to transmit the call alert tone.
2. The channel number displayed.

To transmit the selected call alert tone, momentarily press the VIBRATE button to turn off the alert.

Choosing a Channel
Your radio has 15 channels and 38 CTCSS codes you can use to talk to others. In order to transmit, each of you must be set to the same channel and CTCSS code.

Choosing a CTCSS Code
Each of the GMRS480 channels may have one of the codes 0-38 selected. Code 0 indicates no CTCSS code selected and your radio can receive a signal regardless of the code settings of the transmitting radio.

To change a channel:
1) To enter the menu, press and hold the UNLOCK button for 3 seconds.
2) Press the ▲ button to increase or decrease the channel number displayed.
3) Exit the menu.

To select a call tone:
1) Enter the menu. Advance through the menu until the CALL button is displayed. The current call tone number (1-15) will be indicated.
2) Press the ▲ or ▼ button to increase or decrease the number to the desired call tone.
3) Exit the menu.

To transmit the selected call alert tone, momentarily press the CALL button. The selected tone will automatically be transmitted for a brief period of time.

Vacation Alert for Incoming Calls
Your GMRS480 radio is equipped with a vacation alert that can be activated by pressing the VIBRATE button while the radio is turned on. This alert will provide a call alert tone that will be transmitted when the call alert tone is pressed.

To select a call tone:
1) Enter the menu. Advance through the menu until the CALL button is displayed. You will see an arrow indicating the memory feature status.
2) Press either the ▲ or ▼ button to increase or decrease the number to the desired call tone.
3) Exit the menu.

To transmit the selected call alert tone, momentarily press the CALL button. The selected tone will automatically be transmitted for a brief period of time.

FM Bandwidth
This feature will allow you to transmit on that channel.

Channel Scan Feature
Your GMRS480 radio has a channel Scan feature that allows you to scan all 15 channels. When an active channel is detected, the unit will pause on that channel until the channel is clear. Then after a 4 second delay, the unit will continue scanning. Pressing the CALL button will allow you to transmit on that channel.

To turn on channel scanning:
Press and hold either the ▲ or ▼ button until the channel number in the display will rapidly cycle through the channels.

To turn off channel scanning:
Press and release the ▲ or ▼ button.

Using the Memory Feature:
This memory feature allows you to store up to 10 frequently used channels. Each channel can have a unique CTCSS code assigned to it. When the memory feature is turned on, the menu is automatically updated to provide memory programming for the User Programming Menu.

To lock the keypad, press and hold the UNLOCK button until the keypad is unlocked. The keypad lock is indicated by the Lock Indicator on the display.

To unlock the keypad, press and hold the LOCK button until the keypad is locked. The keypad lock is indicated by the Lock Indicator on the display.
2) Press either the \( ^{\uparrow} \) or \( ^{\downarrow} \) button to toggle between \( ^{\circ} \) and \( ^{\prime} \).
3) Exit this menu.

Note: Once the radio is turned on, please allow time for an accurate temperature reading to be collected.

**Auto Squelch Feature**

The GMRS480 radio is equipped with an automatic squelch system which shuts off weak transmissions and unwanted noise due to terrain conditions or if you have reached your range limit.

To temporarily disable the Auto Squelch and monitor the selected channel, press and hold the squelch button. When you release the squelch button, the monitor button can be released. The Auto Squelch will be re-engaged when you momentarily press the squelch button or PTT.

**Automatic Power Save Feature**

Your radio has a unique circuit designed to dramatically extend the life of the batteries. If there is no transmission within 5 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 will automatically turn on with any key press. The LCD display will illuminate for 5 seconds before turning off.

**USING THE WEATHER RADIO**

Your GMRS480 radio can receive broadcasts from the NOAA National Weather Service. While using the Weather Radio, you are not able to receive GMRS communications unless you press the PTT button which will immediately exit the Weather radio mode and return to GMRS radio inside.

To turn on the Weather Radio:

1) Momentarily press the \( ^{\uparrow} \) button.

**Choosing a Weather Channel**

There are 7 NOAA channel frequencies available and these frequencies are common

<table>
<thead>
<tr>
<th>Channel</th>
<th>Freq.</th>
<th>Channel</th>
<th>Freq.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>162.425 MHz</td>
<td>2</td>
<td>162.450 MHz</td>
</tr>
<tr>
<td>3</td>
<td>162.475 MHz</td>
<td>4</td>
<td>162.525 MHz</td>
</tr>
</tbody>
</table>

The Auto Squelch feature is never active in Weather Radio inside.

**NOAA Weather Radio Frequency List**

- Channel 1 162.425 MHz
- Channel 2 162.450 MHz
- Channel 3 162.475 MHz
- Channel 4 162.525 MHz

To exit the Weather Radio:

1) Momentarily press the \( ^{\uparrow} \) button again.

**SPECIFICATIONS**

- **Channels**: GMRS-T, FRS, T-Weather
- **CCTCSS Code**: 25-462.550-462.725 MHz
- **Operating Frequency**: 162.425-162.525 MHz
- **Power Source**: 6V NiMH Battery Pack 4.4A
- **Output Power**: 10 Watts
- **Battery Life**: 5 hours
- **Dimensions**: 5.5 x 2.75 x 1.5 inches
- **Weight**: 9.5 ounces

**FCC Information**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

**Care and Safety**

Discontinue use. Always make sure the radio is turned off before plugging audio accessories into the accessory jack.

**Hazardous Environments**

Do not operate the radio in hazardous environments. Explosions or fire may result. Do not operate the radio near unshielded electrical bonding 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.

WARRANTY: UNIDEN AMERICA CORPORATION (“WARRANTOR”) 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.

- **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 (A) damaged or not maintained as reasonable or necessary, (B) modified, altered, or used as part of any conversion kits, subassemblies, 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, (F) installed or programmed by anyone other than as defined by the owner’s manual for this product.

- **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 and return it to your Uniden dealer or to warrantor at its option, repair or replace the defective unit.

- **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.