GMRS380

eco terra
...general mobile radio service

• 8 GMRS / 7 FRS Channels
• 38 CTCSS Codes
• Up to 5 Mile Range*
• Internal VOX Circuitry
• 5 Selectable Call Tone Alerts
• Backlit LCD Display
• Optional Headset Accessories
• Headset Jack
• Battery Recharge Circuit
• Optional NiMH Battery Pack
  and Charger

• Battery Level Meter
• Channel Monitor
• Channel Scan
• Keypad Lock
• VOX Circuitry

GMRS 2-way radios

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

GMRS380 RADIO
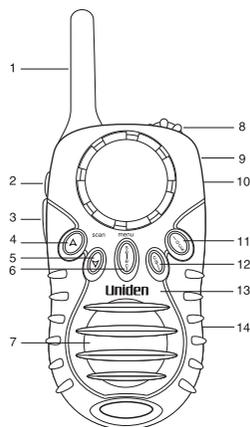
1 Antenna
2 Monitor Button
3 PTT Button
4 Up Key
5 Down Key
6 Select Key
7 Speaker
8 On/Off/Volume Control
9 Belt-clip
10 Headset Jack
11 Keypad Lock Key
12 Call Key
13 Microphone
14 Battery Cover

LCD DISPLAY

15 Battery Level Meter
16 VOX Indicator
17 Scan Indicator
18 Transmit Indicator
19 Channel Indicator
20 Lock Indicator
21 Call Alert
22 Receive Indicator
23 CTCSS Code

Congratulations on your purchase of the Uniden GMRS380 (General Mobile Radio Service) radio. This product is a lightweight, palm-sized radio. Use it at sporting events to stay in contact with family and friends, hiking, skiing, outdoors, or in a neighborhood watch for vital communication. This compact, state-of-the-art device is equipped with many features.

OPTIONAL ACCESSORIES

Your package contains the GMRS380 radio, this reference guide, and a product registration card. You may operate the unit using 4 AAA alkaline batteries or the rechargeable NiMH battery pack (not included). The following optional accessories may be purchased from your participating Uniden dealer or call 1-800-554-3988 or visit us on the web at www.uniden.com. **Use only Uniden accessories.**

• Earset Mic w/ PTT - #HS2468
• Vox Headset Mic - #HSV2469
• NiMH Battery Pack - #BP38
• Recharging Cradle - #RC5248

FCC GMRS LICENSE

The GMRS380 radio operates on the General Mobile Radio Service (GMRS) frequencies which require a Federal Communication Commission license to operate. 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.

INSTALL THE BATTERIES

Your GMRS380 radio uses 4 AAA alkaline batteries or the optional NiMH battery pack (not included). If alkaline batteries are used, we recommend using high quality alkaline batteries.

To install the 4 AAA alkaline batteries:

1) Make sure your radio is OFF.

2) Remove the battery compartment door by pressing the tab at the bottom of the compartment door allowing the door to be removed.

3) Install 4 AAA alkaline batteries (not included) into the battery compartment. Be certain to follow the + and - symbols in the compartment. Installing the batteries 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 batteries in the unit are low, the battery meter icon will flash and the unit will emit a low battery tone. Replace the alkaline batteries immediately or if you are using the NiMH battery pack, you must recharge the 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.

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) Rotate the *on/off/volume* control counter clockwise to turn the unit ON and increase the speaker volume.

2) Rotate the *on/off/volume* control clockwise to decrease the speaker volume and turn the unit OFF.

Adjusting the Sound (Key Beeps)

Your radio emits a beep each time one of the buttons or keys are pressed. To turn this sound OFF, press *select* while turning on the radio. Repeat this step to turn the sound ON.

Navigating through the Menu

To access the advanced features of the GMRS380, your radio has a Menu function.
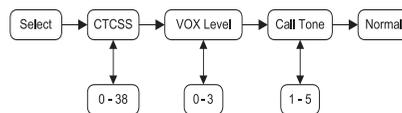
1) To enter the Menu, press the select key.

2) Additional presses of the *select* key will advance you through the menu until exiting to "normal" operating mode.

3) Other methods of exiting the menu function are:
a. Press and hold the *select* key again.
b. Press *PTT*. (Push To Talk)
c. Wait 10 seconds until the unit automatically returns to "normal" mode.

Choosing a Channel

Your radio has 15 channels and 38 CTCSS 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 CTCSS code.

To choose a channel:

With the radio in normal operating mode press the ▲ or ▼ key to increase or decrease the channel number displayed.

Choosing a CTCSS Code

Each of the channels 1-15 may have any 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.

1) Enter the Menu. The CTCSS code on the LCD display will flash.

2) Press the ▲ or ▼ key to increase or decrease the code number displayed.

3) Exit the Menu to return to "normal" mode.

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 will appear 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 are finished speaking, release the *PTT* button. You can now receive incoming calls. While receiving, the **RX** icon will appear on the display.

Voice Operated Transmission

Your GMRS380 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, but not a remote PTT switch. 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 (**0-3**) will

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be indicated. Level '0' disables VOX, while levels 1-3 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.

3) Exit the Menu.

Transmitting a Call Alert Tone

Your GMRS380 radio is equipped with 5 selectable call tones that will be 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**) will be 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.

3) Exit the Menu.

To transmit the selected call alert tone, press the *call* key. The selected tone will automatically be transmitted for a fixed length of time.

Channel Scan Feature

Your GMRS380 radio has a channel Scan feature that allows you to easily 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 *PTT* while the Scan is paused on a channel will allow you to transmit on that channel.

To turn ON channel scanning:

Press and hold either the ▲ or ▼ key until the **SCAN** icon is displayed. The channel number on the display will rapidly cycle through the channels.

To turn OFF channel scanning:

Press and release either the ▲ or ▼ key.

Keypad Lock

To Lock the keypad, press and hold the *lock* key until the 🔒 icon is displayed. To remove the keypad Lock, press and hold the *lock* key until the Lock icon disappears.

Auto Squelch Feature

The GMRS380 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 *monitor* button. When the *monitor* button is released, the Auto Squelch will be re-engaged. To persistently monitor the channel between transmissions, press and hold the *monitor* button until the second confirmation beep is heard.

Automatic Power Save Feature

Your GMRS380 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 when any key is pressed. The LCD display will illuminate for 5 seconds before turning OFF.

SPECIFICATIONS

Channels	8 GMRS / 7 FRS
CTCSS Codes	38 Sub-Audible Tones
Operating Frequency	UHF 462.5625- 462.7250 MHz
Power Source	4 AAA Alkaline Batteries or NiMH Battery Pack
Output Power	2W Conducted
Battery Life	25 Hours - Alkaline Batteries (5/5/90 duty cycle) 15 Hours - NiMH Battery Pack

Frequency Chart

Ch.	Freq.	Ch.	Freq.
1	462.5625	8	462.5750
2	462.5875	9	462.6250
3	462.6125	10	462.6750
4	462.6375	11	462.5500
5	462.6625	12	462.6000
6	462.6875	13	462.6500
7	462.7125	14	462.7000
		15	462.7250

CTCSS Chart (Hz)

Code	Freq.	Code	Freq.
0	Disabled	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	127.30		

FCC Information

This device complies with Part 15 of the FCC Rules. Operation is subject to the following conditions:
• This device may not cause harmful interference.
• This device must accept any interference received, including interference that may cause undesired operation.
Important: Changes or modifications to this unit not expressly approved by Uniden could void your authority to operate this unit. 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.
Portable Radio Operation and SAR Exposure: When transmitting with a portable radio, hold the radio in a vertical position with the microphone at least 2 inches away from the mouth. Keep the antenna at least 4 centimeters (about 2 inches) from your head or body when transmitting. This radio has been tested for body-worn operation and meets FCC RF exposure requirements when used with the supplied Uniden belt-clip. The use of other body-worn accessories may not ensure compliance with FCC RF exposure requirements.
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.
Audio Accessories: Do not operate the radio with audio accessories at high volume levels. Hearing experts advise against continuous high volume operation. If you experience a ringing in your ears, reduce the volume level or 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. 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.

ONE YEAR LIMITED WARRANTY

Important: Evidence of original purchase is required for warranty service.
WARRANTOR: UNIDEN AMERICA CORPORATION ("Uniden")
ELEMENTS OF WARRANTY: Uniden warrants, for one year, to the original retail owner, this Uniden Product to be free from defects in materials and craftsmanship with only the limitations or exclusions set out below.
WARRANTY DURATION: This warranty to the original user shall terminate and be of no further effect 12 months after the date of original retail sale. The warranty is invalid if the Product is:
(A) damaged or not maintained as reasonable or necessary, (B) modified, altered, or used as part of any conversion kits, 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, 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.
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). 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:

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