

Uniden®

Atlantis 290 Atlantis 295

Dual Band (GMRS + Marine VHF) Radio

Radio VHF maritime à double bande + radio GMRS



Atlantis 290



Atlantis 295

OWNER'S MANUAL

GUIDE D'UTILISATION

MAKING A MARINE DISTRESS CALL

For future reference, write your boat's name & call sign here:

Speak slowly - clearly - calmly.

1. Make sure your radio is on.
2. Press the **16/9-TRI** key to switch to Channel 16 (156.8 MHz). (If the display does not show 16, press the **16/9-TRI** key again until it does.)
3. Change the power level to HIGH.
4. Press the **Push-to-Talk** key (PTT) and say: "**MAYDAY -- MAYDAY -- MAYDAY.**"
5. Say "**THIS IS** {name of your boat (three times) and call sign/boat registration number (once)}."
6. Repeat "**MAYDAY** {name of your boat}" once.
7. Tell where you are: (what navigational aids or landmarks are near, or read the latitude and longitude from your GPS).
8. State the nature of your distress (e.g. sinking, medical emergency, man overboard, on fire, adrift, etc.).
9. State the type of assistance you need (medical, towing, pumps, etc.).
10. Give the number of persons aboard and describe the condition of any injured persons.
11. Estimate present seaworthiness of your ship (e.g. how immediate is the danger due to flooding or fire).
12. Briefly describe your ship, giving ship name (i.e., "Blue Duck is 32 foot cabin cruiser, white hull, blue deck house").
13. Say: "**I WILL BE LISTENING ON CHANNEL 16.**"
14. End the message by saying "**THIS IS** {name or call sign of your boat}, **OVER.**"
15. Release **PTT** and listen.

If you do not get an answer after 30 seconds, repeat your call beginning at step 3 above.

FAIRE UN APPEL MARITIME DE DÉTRESSE

Pour toute référence ultérieure, transcrivez ci-dessous le nom et l'indicatif d'appel de votre bateau:

Parlez lentement – clairement – calmement.

1. Vérifiez si votre radio est en marche.
2. Appuyez sur la touche **16/9 TRI** du microphone afin de commuter au canal 16 (156,8 MHz). (Si le canal 16 n'apparaît pas à l'affichage, appuyez de nouveau sur la touche **16/9 TRI** jusqu'à ce qu'il soit affiché.)
3. Changez le niveau d'alimentation au niveau élevé "HIGH".
4. Appuyez sur le bouton de microphone **Push-to-Talk** et dites: "**MAYDAY -- MAYDAY -- MAYDAY**".
5. Donnez l'identité de votre navire en disant : "**ICI** {nom de votre bateau (trois fois) ou indicatif d'appel et le numéro d'identification de votre bateau (une fois)}".
6. Dites "**MAYDAY** {nom ou indicatif d'appel de votre bateau} une fois".
7. Donnez votre position : (quels sont les points de repère ou aides à la navigation près de vous ou lisez les coordonnées de longitude et de latitude apparaissant sur votre dispositif GPS).
8. Révélez la nature de votre détresse (par exemple, nous sommes en train de couler, urgence médicale, un homme à la mer, un incendie, nous sommes à la dérive, etc.
9. Révélez la nature de l'aide désirée (médicale, remorquage, essence, etc.)
10. Donnez le nombre de personnes à bord et les conditions des blessés, s'il y en a.
11. Donnez la condition de navigabilité actuelle de votre navire, tel que le degré de l'urgence par rapport une inondation, et une incendie.
12. Donnez une brève description de votre navire en donnant le nom du bateau (par exemple, "Blue Duck est un yacht de croisière de 32 pieds, avec une coque blanche et un rouf bleu.).
13. Dites : "**JE VAIS ÉCOUTER SUR LE CANAL 16**".
14. Terminez le message en disant "**ICI** {nom ou indicatif d'appel de votre bateau}, **À VOUS**".
15. Relâchez le bouton **Push-to-Talk** du microphone et écoutez.

Si vous n'obtenez pas de réponse après 30 secondes, répétez l'appel en commençant à l'étape 3 ci-dessus.

Table of Contents

MANUAL	
CONVENTIONS	E-1
INTRODUCTION	E-2
MARINE (VHF) MODE	
FEATURES	E-2
WEATHER (WX) MODE	
FEATURES	E-2
GMRS/FRS MODE	
FEATURES	E-2
GMRS Licensing	
Requirement	E-3
COMMON FEATURES	E-3
WATERPROOF	
SPECIFICATIONS	E-4
GETTING STARTED	E-5
WHAT'S INCLUDED	E-5
PARTS OF THE	
ATLANTIS 290/295	E-5
Front view	E-5
Back	E-7
Charger	E-7
READING THE DISPLAY ..	E-8
Display icons and	
what they mean	E-8
HARDWARE SETUP	E-9
INSTALL THE BATTERY ..	E-9
INSTALL ALKALINE	
BATTERIES	E-10
MOUNT THE	
CHARGER	E-10
CHARGE THE	
BATTERY	E-11
INSTALL/REMOVE THE	
BELT CLIP	E-11
INSTALL OPTIONAL	
EXTERNAL SPEAKER/	
MICROPHONE	E-12
ATLANTIS 290/295	
OPERATION	E-12
COMMON	
OPERATIONS	E-12
Power On/Off.....	E-12
Change the Volume	E-12
Set the Squelch Level ..	E-12
Set Key Lock	E-13
Select Band Type	E-13
Change the Channel	E-13
Make a Transmission ...	E-13
Save a Channel to	
Memory	E-14
Scan Channels in	
Memory	E-14
MENUS	E-14
OPERATION MODES	E-16
Normal Mode	
Operation	E-17
Scan Mode	
Operation	E-18
Weather Watch	
Modes	E-19
MAINTENANCE /	
TROUBLESHOOTING ...	E-23
COMMON QUESTIONS ..	E-23

SPECIFICATIONS.....	E-25	GMRS/FRS CHANNEL	
CHANNELS AND		FREQUENCIES	E-33
FREQUENCIES		Frequency	E-33
(MHZ)	E-26	CTCSS Chart (Hz).....	E-35
US channel frequencies		DCS Code List.....	E-36
and names	E-26	REGULATIONS AND	
Canadian channel		SAFETY WARNINGS	E-38
frequencies		MARITIME RADIO	
and names	E-28	SERVICES	
International channel		OPERATION	E-38
frequencies		BASIC RADIO	
and names	E-31	GUIDELINES	E-38
Weather channel		THREE YEAR LIMITED	
frequencies		WARRANTY	E-41
and names	E-33		

See the inside front cover for instructions on making a Marine distress call!

MANUAL CONVENTIONS

This Owner's Guide provides operations for both the Atlantis 290 and Atlantis 295 radios. These operations are identical between the two models. The two models are treated as a single entity and are described in single tense (for example, "the radio provides" instead of "the radios provide") except where differences are specifically noted. Throughout this manual, "Atlantis 290/295" indicates both the Atlantis 290 and the Atlantis 295 radios.

INTRODUCTION

Your Atlantis 290/295 radio combines a powerful GMRS radio with a marine VHF radio featuring all NOAA weather channels.

MARINE (VHF) MODE FEATURES

Marine (VHF) mode provides two-way ship-to-ship and ship-to-shore communications.

- **Marine VHF channels** (US, International, and CANada)
- **Dual and Triple Watch Operation.** These different watch modes let you monitor up to two Coast Guard Distress/Hailing channels along with one regular marine channel.
- **Emergency 16/9 Channel Monitoring.** The Atlantis 290/295 can scan one or both of these emergency channels regularly within normal scanning cycles.

WEATHER (WX) MODE FEATURES

WX mode provides monitoring of weather channels and the weather watch channels.

- **9 weather channels** available for monitoring.
- **National Oceanic and Atmospheric Administration (NOAA) Weather Channel watch.** Sounds a warning tone when a hazard alert is issued.
- **Weather Alert Watch mode.** Mutes the radio while it monitors a preset Weather channel. It sounds an alarm if there are broadcasts on that channel. Put the radio in the charger to keep power on.

GMRS/FRS MODE FEATURES

This band allows you to communicate on land with other GMRS-capable radios.

- **22 GMRS/FRS radio channels**
- **142 Sub Codes**
- **Vibrate Setting.** In GMRS mode, turn Vibrate on and off

through the menus (see page E-14).

- **GMRS/FRS Two-Way Communication.** These bands allow you to communicate with other radios that are tuned to the same band and sub code. Select the channel number/sub code and transmit. Any other radios set to the same band and sub code will receive your transmissions and can respond.

GMRS Licensing Requirement

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 to operate on Channels 8 - 14 or operation on any channel in Canada.

COMMON FEATURES

- **Memory Save and Scan Mode.** Lets you save channels to memory and monitor them in quick succession.
- **Transmitter power level select.** Lets you boost the transmitter power from LO to MID to HI for added transmission distance.

Note: *Only Low power is available for FRS channels 8 - 14.*

- **Weather Alert Watch Mode.** Scans weather channels while you are in Marine or GMRS mode.
- **Boost.** Allows you to instantly transmit at full power.
- **Battery level display and low battery alert.**
- **Battery Save.** Automatic function that turns RX power off at regular intervals. It turns RX power back on when the radio receives a transmission or is transmitting.
- **Key Lock On/Off.** Locks the keys to prevent accidental

input.

- Adjustable volume and squelch
- **Key Beep** on/off

WATERPROOF SPECIFICATIONS

The Atlantis 290/295 is a submersible radio, complying with floating IPX7/JIS7 water-resistant standards. The radio can be submerged in 1 meter of water for 30 minutes without damage.

Notes:

The radio will only meet this rating if fully assembled and all rubber seals and bungs are well maintained and correctly fitted. This means that the speaker/microphone bung is inserted and the battery pack (or case) is securely fastened.

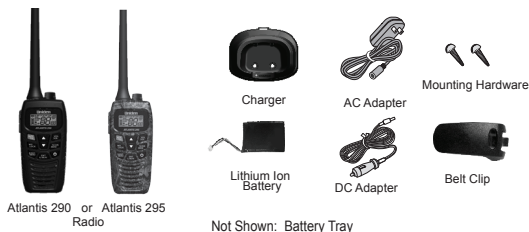
After your radio is submerged in water, you might notice that the sound is distorted. This is because there is still water remaining in and around the speaker and microphone. Just shake the radio to clear excess water and the sound should return to normal.

If your radio is exposed to salt water, clean it thoroughly with fresh water and dry it before turning it on.

The charger is not waterproof.

GETTING STARTED

WHAT'S INCLUDED

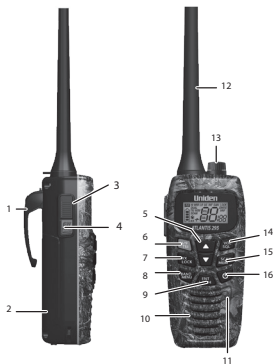


If any pieces are missing or damaged, contact Uniden Customer Service (see back cover for contact information). For information on available accessories, visit www.uniden.com.

PARTS OF THE ATLANTIS 290/295

Front view

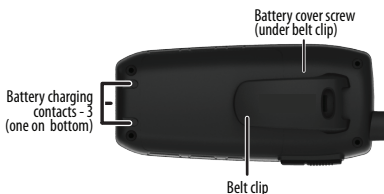
This graphic applies to both the Atlantis 290 and the Atlantis 295 radios. Only the Atlantis 295 is shown here.



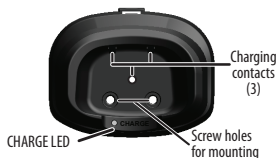
Item	Button/Item	Press to...	Press and hold to...
1	Belt Clip	NA	NA
2	Battery Cover	NA	NA
3	Push-to-Talk	NA	Transmit on a current TX power.
4	6W Boost	NA	Boost transmission to HI (MID for alkaline batteries). Boost does not apply to FRS channels 8 - 14.
5	Up / Down ▲ / ▼	Scroll up or down through one channel or setting at a time when in any band.	Quickly scroll up or down through channels.
6	16/9-Tri	1st press: Go to CH 16. 2nd press: Go to CH 9. 3rd press: Go back to the starting channel.	Turn Triple or Dual Watch mode on and off.
7	WX/LOCK	Turn Weather mode on and off.	Turn the Key Lock function on and off.
8	BAND/MENU	Select MRN or GMRS/FRS band.	Enter the menu function.
9	ENT/L/M/H	Accept a setting.	Change the TX power between LO, MID, and HI.
10	Speaker	NA	NA

Item	Button/Item	Press to...	Press and hold to...
11	Microphone	NA	NA
12	Antenna	NA	NA
13	External Speaker/ Microphone jack	NA	NA
14	VOL/SQ	Enter or exit Volume Setting mode.	Enter or exit Squelch setting mode.
15	SCAN/MEM	Enter or exit Scan mode.	Store or delete the current channel into/from memory.
16	Power	NA	Turn Atlantis 290/295 on and off.

Back

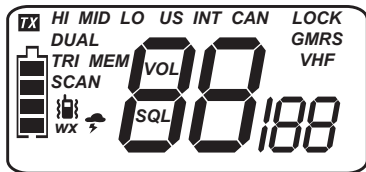


Charger



READING THE DISPLAY

The LCD display shows different information depending on what you are doing. The table below shows all the possible icons and what they mean.



Display icons and what they mean

Icon	What it means
TX	Displays when the PTT or Boost keys are pressed and the radio is sending a transmission.
	The battery is fully charged, mostly charged, half charged, mostly empty, or completely empty.
HI MID LO	The transmitter power is set to HI, MID, or LO. <i>These do not display for WX mode or for MRN receiving channels only.</i>
US/INT/CAN	Indicates channel mode: US, INTERNATIONAL, or CANadian channels. (Marine band only)
DUAL/TRI	Dual or Triple Watch is enabled.
LOCK	The keys are locked.
GMRS/VHF	Band type
MEM	The current channel is saved in memory for scanning.
SCAN	Scan mode is enabled (VHF and GMRS only).
	Vibrate is turned on (GMRS mode only).
	Weather Alert mode is turned on.

Icon	What it means
WX	WX channel selected.
VOL	Adjust the Volume level.
SQL	Adjust the Squelch level.
BB	Channel number
A 1BB	A (Simplex) for Marine band or 1BB for GMRS/FRS band sub code.

HARDWARE SETUP

INSTALL THE BATTERY

Your radio comes with a rechargeable Lithium Ion battery; for shipping safety, the battery is not connected at the factory.

1. Remove the belt clip if installed.
2. Unscrew the battery cover and carefully remove it.
3. Line up the battery's connector with the jack inside the battery compartment (the connector only fits one way).
4. Push the connector in firmly. Tug on the battery wires gently to make sure you have a good connection.
5. Before replacing the battery cover, check the rubber seal located on the under side of the cover; make sure that the seal is set in the groove and that there is no foreign matter under the seal.

Note: Each time you remove the cover, check the rubber seal around the battery compartment. Make sure the seal is seated in the groove and there is no dirt or debris on it. If the seal looks worn or damaged, contact customer service to order a replacement (see back cover page for contact information)

6. Replace the battery compartment cover. Tighten the screw securely.

INSTALL ALKALINE BATTERIES

The radio also comes with an accessory battery tray that holds four AAA-type Alkaline batteries (not included).

NOTE: *When using Alkaline batteries, transmit power is limited to MID or LOW power.*

Follow these steps to use the accessory battery tray:

1. Align the batteries' positive and negative terminals with the markings on the case and snap each battery into place.
2. Line up the battery's connector with the jack inside the battery compartment (the connector only fits one way).
3. Push the connector in firmly. Tug on the battery wires gently to make sure you have a good connection.
4. Seat the battery case in the battery compartment.
5. Before replacing the battery cover, check the rubber seal located on the under side of the cover; make sure that the seal is set in the groove and that there is no foreign matter under the seal.

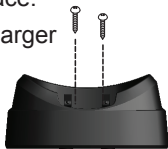
WARNING! *The accessory battery tray is designed to prevent the accidental charging of non-rechargeable batteries. Never use non-rechargeable batteries in the radio without the accessory battery tray.*

6. Replace the battery compartment cover. Tighten the screw securely.

MOUNT THE CHARGER

You can mount the charger on any flat surface.

1. Use the two holes at the base of the charger as a template to mark the drill holes.
2. Using a 1/8-inch (or 3 mm) drill bit, drill two holes 1/2 inch (13mm) deep.
3. Use the provided screws to attach the charger to the surface.



CHARGE THE BATTERY

After installing the rechargeable battery pack, place your radio in the charger with the display facing forward. The CHARGE LED on the charger turns orange. When the battery is completely charged, the CHARGE LED turns green.



Charge the battery fully before using the radio. If the radio is powered down, the battery can charge in about seven hours. (If the radio is powered on, the battery takes longer to charge.)

Cautions:

- Don't use the charger when the ambient temperature is below 42° F (5° C) or above 104° F (40° C).
- Use only the battery and charger supplied with this radio. Using a different charger or battery can damage the radio and create a risk of fire or shock.
- The charger is not waterproof. If the charger falls into the water, unplug it before attempting to remove it from the water. After you remove the charger from the water, please contact Customer Service (see the back cover page for contact information).
- Wipe off dirt or shake water from your radio before placing in the charger if your radio gets dirty or wet.

INSTALL/REMOVE THE BELT CLIP

To install the belt clip, slide the belt clip down over the latch until you hear it click.

To remove the belt clip, lift the flat latch and slide the clip up until it comes free of the latch.

INSTALL OPTIONAL EXTERNAL SPEAKER/ MICROPHONE

The Atlantis 290/295 has a jack for an optional external speaker or microphone.

1. Unscrew the cover to the speaker/microphone jack (see page E-7).
2. Insert the speaker/microphone plug into the jack.

ATLANTIS 290/295 OPERATION

See the inside front cover for instructions on making a Marine distress call!

The Atlantis 290/295 bands (Marine/VHF, GMRS/FRS, and Weather) share common operations. This section describes these common features and operations and then provides details for the ones that are unique to each band.

COMMON OPERATIONS

Power On/Off

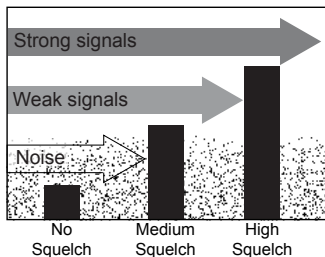
Press  to turn the radio on. Press and hold  to turn it off.

Change the Volume

To change the speaker volume, press the **VOL/SQL** key. The screen displays **VOL** and a volume level number. Press **▲** and **▼** to raise or lower the volume. There are 16 volume levels - 0 (mute) to 15.

Set the Squelch Level

The squelch feature reduces static on the speaker by filtering out any background channel noise. At the lowest squelch level, the speaker plays all signals, including any channel noise.



Setting the squelch level higher filters out noise and lets only actual radio transmissions through.

To adjust the squelch level, press and hold **VOL/SQL**. The screen displays **SQL** and a **SQUELCH** level number (0 - 3). Press **▲** and **▼** to adjust the squelch level. Press and hold **VOL/SQL** again to set the squelch level and return to the main display.

Note: *Setting the squelch level too high may prevent you from hearing weaker transmissions. If you are having difficulty hearing a transmission, try setting the squelch level lower.*

Set Key Lock

Press and hold **WX/LOCK** to lock the radio's keys to prevent accidental entry. **LOCK** displays when Key Lock is active. Press and hold **WX/LOCK** again to unlock the keys.

Note: *When Key Lock is active, only PTT, Boost, and Power keys are operational.*

Select Band Type

Press **BAND/MENU** to select the Marine/VHF or GMRS-band.

Press **WX/LOCK** to select the Weather band.

Change the Channel

Press **▲** or **▼** briefly to scroll through the channels one channel at a time. Press and hold **▲** or **▼** to quickly scroll through the channels.

Make a Transmission

Select the channel you want to transmit on, then press and hold **PTT**. Release **PTT** when you're finished talking to let the other party respond.

- To prevent stuck microphone problems or situations where **PTT** is pushed accidentally, the radio limits your talk time to 5 minutes in a single transmission.

- For the best sound quality, hold the microphone about two inches away from your mouth.
- See the channel lists starting on page E-26 for a list of receive-only channels.

Boost the transmission power

In most situations, low transmission power is all you need. If you find yourself far away from other stations and have trouble getting a response, you may need to boost the transmission power from MID or LO to HI:

1. Select the channel you want to transmit on.
2. Press and hold **ENT/L/M/H** to change transmission power level.
3. The display shows the new transmission power in the upper left of the display. The transmit power remains at the new setting until you change it again.

Note: Don't forget to change the transmission setting back to LO when you move close to other stations.

Some Marine VHF channels (for example, channels 13 and 67) limit the transmission power to 1 Watt. When you tune to a limited-power channel, the radio automatically switches to 1 Watt. See the channel lists starting on page E-26 for a list of power-restricted channels.

Save a Channel to Memory

When you find a channel you'd like to keep, press and hold **SCAN/MEM**. Whenever you are on that channel, **MEM** displays. Press and hold **SCAN/MEM** again to remove that channel from memory.

Scan Channels in Memory

Press **SCAN/MEM** to scan channels saved to memory. Press **SCAN/MEM** again to stop scanning.

MENUS

The Atlantis 290/295 menu system lets you establish parameters for the radio's operation. You can access menus

from any band, but the following procedure uses Marine/VHF as the starting band.

1. Press **BAND/MENU** until VHF displays on the screen (see page E-8).
2. Press and hold **BAND/MENU** to access the VHF menu system. The UIC mode will flash (see page E-8).
3. Press ▲ or ▼ to cycle through the UIC options; press **ENT/L/M/H** to enter your selection.
4. The next menu option flashes on the screen. Continue until all options have been set (see the following table). Press and hold **BAND/MENU** again to exit the menus.

Menu options display in the order listed in the following table.

Menu	Options	Marine (VHF)	Weather (WX)	GMRS
UIC	US, INT, or CAN	O	NA	NA
Dual/ Triple	Dual or TRI	O	O	O
Back Light (BL)	On or Off	O	O	O
Key Beep (BP)	On or Off	O	O	O
WX Alert (RL)	On or Off	O	O	O
Code	1 through 142	NA	NA	O
Vibrate ()	On or Off	NA	NA	O

OPERATION MODES

Your radio has three operation modes for the Marine, GMRS, and Weather bands: Normal, Scan, and Weather Alert.

Mode	What it does	Use it to...	To turn it on/off
Normal (Marine and GMRS)	Monitors a single channel and lets you talk on that channel.	Monitor a channel or talk to another radio.	Press BAND/MENU .
Normal (Weather only)	Monitors a selected NOAA weather channel.	Hear the current or forecasted weather.	Press WX/LOCK .
Scan (Marine and GMRS)	Monitors all the channels you save into memory. An error tone sounds if there are no channels saved to memory.	Check saved channels for traffic.	Press SCAN/MEM .

Mode	What it does	Use it to...	To turn it on/off
Weather Alert (Marine and GMRS)	Sends an alert tone if a transmission is received on a selected NOAA weather channel.	Receive weather alerts on a weather channel while in Marine or GMRS Normal mode.	Press WX/LOCK to monitor the Weather band. Press and hold BAND/MENU to access the Weather menus to turn on Weather Alert Watch. Press WX/LOCK to return to the Marine or GMRS bands.
Weather Alert (Weather)	Mutes the radio while monitor a radio channel (sleep mode).	Check for weather alerts overnight.	Same as above.

Note: Private boats must monitor channel 16 whenever they are underway. Water-going vessels should have either Triple Watch or Dual Watch on at all times.

Normal Mode Operation

In Normal mode for any band, you listen to a single channel until you change it.

Marine/GMRS in Normal Mode

- To transmit, remove the radio from the charger, then press and hold **PTT**. Release the key when you are finished talking.
- For the best sound quality, hold the unit about two inches from your mouth while you're talking.
- Press **▲** to move up one channel at a time. Press and hold the button to scroll quickly up the channels.

- Press ▼ to move down one channel at a time. Press and hold the button to scroll quickly down the channels.
- To change the transmit power, press and hold **ENT/L/M/H**. The transmit power switches to the next transmit power each time you press this key.

Weather in Normal Mode

The NOAA weather channels coordinate with the FCC to alert you of other hazards besides weather (child abduction alerts, nuclear, biological, etc.). In weather mode, the radio monitors one of the nine NOAA weather channels. If any type of alert is received, the radio sounds an alert tone, changes to the Weather band, and the display blinks.

- You cannot transmit while in Weather mode.
- To enter Weather mode, press **WX/LOCK**.
- To turn off the radio's alert tone, press any key.
- To return to the previous Marine or GMRS channel, press **WX/LOCK**.

Scan Mode Operation

In Scan mode, you listen to a set of channels you have saved into memory. The radio scans these channels and stops when it finds one that is transmitting.

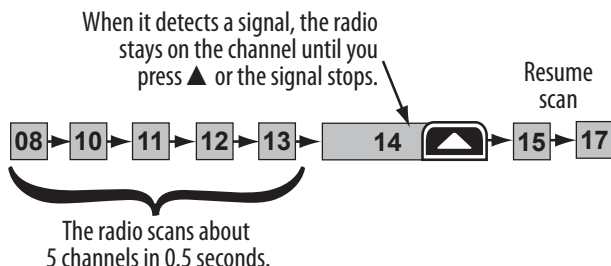
Note: Scanning is not available for Weather mode.

Marine/GMRS in Scan Mode

- You must have at least two channels in memory to start a scan.
- To activate Scan mode, press **SCAN/MEM**.
- You cannot transmit while in Scan mode.
- To save any channel into memory [except CH 70 (Marine/VHF) and Weather channels], select the channel, then press and hold **SCAN/MEM**. **MEM** displays whenever you tune to that channel.
- To remove a channel from memory, set the radio to that channel, then press and hold **SCAN/MEM**. The **MEM**

icon no longer displays.

- When the radio stays on a channel, press ▲ to leave that channel and resume scanning.
- To end the scan, press the **SCAN/MEM** key again; the radio remains on the last scanned channel.



Weather Watch Modes

These weather modes operate in conjunction with Marine and GMRS bands during Normal and Scan modes and with the Weather band during Normal mode. While the radio is monitoring a channel, it briefly checks on a specified weather channel for transmissions and then returns to normal operation if there are none.

Watch mode	What it does	To turn it on/off
Weather Alert Watch	Checks the last-used weather channel for hazard alerts every 7 seconds.	Press and hold BAND/MENU to access the menus. Turn on WX Alert from the menus.
Dual Watch	Checks channel 16 for activity every 2 seconds.	Press and hold 16/9-Tri . Set Dual Watch through the menus (see page E-14).

Watch mode	What it does	To turn it on/off
Triple Watch	Checks channels 16 and 9 for activity every 2 seconds.	Press and hold 16/9-Tri . Set Triple Watch through the menus (see page E-14).

Note: Private boats must monitor channel 16 whenever they are underway. Water-going vessels should have either Triple Watch or Dual Watch on at all times.

Weather Alert Watch (WX Alert) Mode

Select Weather Channel to Monitor

Set the radio to the Weather band and select a channel to be watched.

Turn On WX Alert

Turn on WX Alert through the menus for each band. From your current band (MRN, GMRS, or WX):

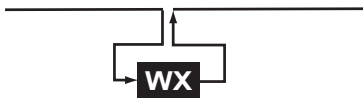
1. Press and hold **BAND/MENU** to access the menus.
2. Press **ENT/L/M/H** to move through the menu options until **AT** displays.
3. Press **▲** or **▼** to turn WX Alert on and off. Press **ENT/L/M/H** to select your choice.
4. Press and hold **BAND/MENU** to exit the menus. The WX Alert icon () displays.

Marine/GMRS (Normal Mode) + WX Alert Watch

The radio checks the most recently used weather channel every seven seconds. If it detects a weather or other hazard alert, it will switch to that weather channel. (If you are actively transmitting, the radio waits until you finish your transmission before checking the weather channel.)

WX Alert Watch On

Current channel for:
Marine/GMRS



Weather (Normal Mode) + WX Alert Watch

When you activate WX Alert for the Weather band, it acts as a “sleep mode” - The radio stays on the weather channel and mutes the speaker. If an alert is detected, the radio sounds an alert tone and turns the speaker back on. Press any key to turn off the alert tone. This mode is very useful when you are anchoring for the night but want to keep informed of hazards.

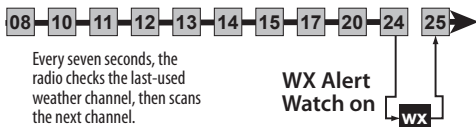
Keep the radio in the charger when in WX Alert Watch mode for Weather to keep the power on.

Marine/GMRS (Scan Mode) + WX Alert Watch

If you turn on scan mode while Weather Alert Watch is on, the radio checks the most recently-used weather channel every seven seconds, then continues scanning the next channel in memory:

Scan Mode + WX Alert Watch

Scan Mode for:
Marine/GMRS



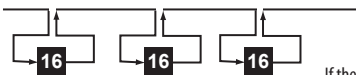
Triple Watch or Dual Watch Mode

Marine/GMRS/WX (Normal Mode) + Triple or Dual Watch

If you activate Triple Watch while operating in normal mode, the radio checks channels 9 and 16 every two seconds; with Dual Watch turned on, the radio only checks channel 16. The radio will not check channels 9 or 16 while you are actively transmitting; it waits until your transmission is finished and then checks the channels.

Dual Watch On

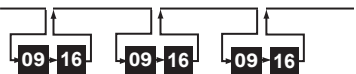
Current channel for:
Marine/GMRS
Weather



If the radio detects a 1050Hz tone, it disables Dual or Triple Watch and activates WX Rcv.

Triple Watch On

Current channel for:
Marine/GMRS
Weather

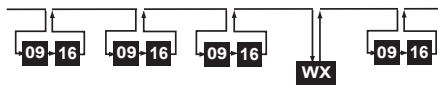


Marine/GMRS (Scan Mode) + Triple or Dual Watch

If you activate Triple Watch (press and hold **16/9 TRI**) while operating in scan mode, the radio checks channels 9 and 16 every two seconds, then goes on to scan the next channel; with Dual Watch turned on, the radio only checks channel 16:

Triple Watch with WX Alert On (Scan Mode)

Scanning channels for:
Marine/GMRS



NOTE: Dual Watch with WX Alert On is the same as Triple Watch with WX Alert On except the radio only scans Channel 16.

Every 7 seconds

If the radio detects a 1050Hz tone, it disables Dual or Triple Watch and activates WX Rcv.

MAINTENANCE / TROUBLESHOOTING

Due to its rugged design, your radio requires very little maintenance. However, it is a precision electronic instrument, so you should follow a few precautions:

- If the antenna has been damaged, do not transmit except in an emergency situation. Transmitting with a defective antenna may cause further radio damage.
- You are responsible for continued FCC technical compliance of your radio.
- You should arrange for periodic performance checks with your Uniden dealer.

COMMON QUESTIONS

Problem	Things to Try
The radio won't turn on.	Charge the radio.
The power LED on the charger doesn't turn on.	- Don't use the charger when the ambient temperature is below 41° F (5° C) or above 104° F (40° C). - Make sure the charging contacts on the radio and charger are clean. - Replace the battery.

Problem	Things to Try
The radio won't transmit.	- Make sure you are not in weather or scan mode. - Make sure you are not trying to transmit on a receive-only channel or transmit at the wrong power level for this channel (see the channel lists starting on page E-26). - Check the battery power level; if it's low, charge the battery before trying to transmit. - Make sure the duration of each transmission is less than 5 minutes.
I can't hear anything from the speaker.	Adjust the squelch level; it is probably too high.
Noise comes out of the speaker all the time	Adjust the squelch level; it is probably too low.
I can transmit, but no one can hear me.	- MRN/VHF: Check your UIC channel settings. Does the area you are in use different channel assignments? - GMRS/FRS: Check the sub codes.
I'm not getting hazard alerts.	Make sure Weather Alert Watch is turned on.
The display flashes, and I don't know why.	The channel number on the display will flash if the radio is in a watch mode or in scan mode. Try turning off scanning, Weather Alert Watch, Triple Watch, or Dual Watch (see page E-19).
Where can I find my radio's serial number?	The serial number is on a plate inside the battery compartment.

SPECIFICATIONS

General	
Channels	Marine/VHF: All US/International/Canada channels
	GMRS/FRS: 15 GMRS, 7 FRS
	9 Weather channels
Sub Codes	38 Sub-Audible tones 104 DCS Codes
Oper. Temp.	-4°F (-20°C) to +131°F(+55°C)
Microphone	Built-in Electret type
Power Source	7.4V 1100 mAh Rechargeable Lithium Ion Battery or 3 AAA Alkaline Batteries
Charger	DC12V (DC10.8V - 15.0V) Charge time to full capacity: 7.5 hours (typical)
Size (H x W x D without antenna)	5.26 x 2.46 x 1.7 inch 136.6 x 62.4 x 45.2 mm
Weight	9.4 oz (266.4 g) (w/battery)
Transmitter	
Frequency Range	GMRS/FRS: 462.55000 - 467.7125MHz VHF: 156.025 - 157.425MHz
Frequency Stability	±2.5 PPM MAX.
RF Power Output (with Li-Ion battery)	VHF CH: 1W, 2.5W and 6W GMRS CH: 0.5W, 1.5W and 3W FRS CH: 0.5W
Spurious Emissions	GMRS/FRS: -30dBm VHF: -23dBm @ HI; -30dBm @ LO (nominal)
Current Drain	1.4A @ VHF 6W / 1.0A @ GRMS 3W

Ham and Noise	45dB @VHF / 40dB @GMRS&FRS (nominal)
Receiver	
Type	Direct Conversion Phase Locked Loop system for Local Oscillator
Frequency Range	GMRS/FRS: 462.55000 - 467.7125MHz VHF: 156.050 - 163.275MHz WX: 161.6500 - 162.5500 MHz
Sensitivity	0.25 μ V for 12dB SINAD (nominal)
Audio Frequency Response	+6.0dB @ 500 Hz; -7.0dB @ 2kHz
Adjacent Channel Selectivity	75dB @VHF / 65dB @GMRS & FRS (nominal)
Inter Modulation	69dB (nominal)
Audio Output Power	900mW @MAX Volume (nominal)
Current Drain	Squelched: 65 mA / Max. Audio: 360 mA

CHANNELS AND FREQUENCIES (MHZ)

US channel frequencies and names

US Marine Channels				
Ch	RX Freq	TX Freq	Status	Name
1A	156.050	156.050	Simplex	Vessel traffic system/ commercial
5A	156.250	156.250	Simplex	Vessel traffic system/ commercial
6	156.300	156.300	Simplex	Inter-ship safety
7A	156.350	156.350	Simplex	Commercial
8	156.400	156.400	Simplex	Commercial
9	156.450	156.450	Simplex	Non commercial

US Marine Channels				
Ch	RX Freq	TX Freq	Status	Name
10	156.500	156.500	Simplex	Commercial
11	156.550	156.550	Simplex	Vessel traffic system
12	156.600	156.600	Simplex	Vessel traffic system
13	156.650	156.650	Simplex, 1W	Bridge to bridge
14	156.700	156.700	Simplex	Vessel traffic system
15	156.750	Inhibit	Receive only	Environmental
16	156.800	156.800	Simplex	Distress, safety, and calling
17	156.850	156.850	Simplex, 1W	Govt maritime control
18A	156.900	156.900	Simplex	Commercial
19A	156.950	156.950	Simplex	Commercial
20	161.600	157.000	Duplex	Port operation
20A	157.000	157.000	Simplex	Port operation
21A	157.050	157.050	Simplex	Coast guard only
22A	157.100	157.100	Simplex	Coast guard
23A	157.150	157.150	Simplex	Coast guard only
24	161.800	157.200	Duplex	Marine operator
25	161.850	157.250	Duplex	Marine operator
26	161.900	157.300	Duplex	Marine operator
27	161.950	157.350	Duplex	Marine operator
28	162.000	157.400	Duplex	Marine operator
63A	156.175	156.175	Simplex	Vessel traffic system
65A	156.275	156.275	Simplex	Port operation
66A	156.325	156.325	Simplex	Port operation
67	156.375	156.375	Simplex, 1W	Bridge To Bridge
68	156.425	156.425	Simplex	Non Commercial
69	156.475	156.475	Simplex	Non Commercial

US Marine Channels				
Ch	RX Freq	TX Freq	Status	Name
70	156.525	Inhibit	Receive only	Digital Selective Calling
71	156.575	156.575	Simplex	Non Commercial
72	156.625	156.625	Simplex	Non Commercial (Ship-Ship)
73	156.675	156.675	Simplex	Port Operation
74	156.725	156.725	Simplex	Port Operation
75	156.775	156.775	Simplex, 1W	Port Operation
76	156.825	156.825	Simplex, 1W	Port Operation
77	156.875	156.875	Simplex, 1W	Port Operation (Ship-Ship)
78A	156.925	156.925	Simplex	Non Commercial
79A	156.975	156.975	Simplex	Commercial
80A	157.025	157.025	Simplex	Commercial
81A	157.075	157.075	Simplex	Coast Guard
82A	157.125	157.125	Simplex	Coast Guard
83A	157.175	157.175	Simplex	Government
84	161.825	157.225	Duplex	Marine Operator
85	161.875	157.275	Duplex	Marine Operator
86	161.925	157.325	Duplex	Marine Operator
87	157.375	157.375	Simplex	Marine Operator
88	157.425	157.425	Simplex	Commercial (Ship-Ship)

Canadian channel frequencies and names

Canadian Marine Channels				
Ch	RX Freq	TX Freq	Status	Name
1	160.650	156.050	Duplex	Marine Operator
2	160.700	156.100	Duplex	Marine Operator
3	160.750	156.150	Duplex	Marine Operator

Canadian Marine Channels				
Ch	RX Freq	TX Freq	Status	Name
4A	156.200	156.200	Simplex	Canadian Coast Guard
5A	156.250	156.250	Simplex	Vessel Traffic System
6	156.300	156.300	Simplex	Inter-Ship Safety
7A	156.350	156.350	Simplex	Commercial
8	156.400	156.400	Simplex	Commercial
9	156.450	156.450	Simplex	Boater Calling Channel
10	156.500	156.500	Simplex	Commercial
11	156.550	156.550	Simplex	Vessel Traffic System
12	156.600	156.600	Simplex	Vessel Traffic System
13	156.650	156.650	Simplex, 1W	Bridge To Bridge
14	156.700	156.700	Simplex	Vessel Traffic System
15	156.750	156.750	Simplex, 1W	Environmental
16	156.800	156.800	Simplex	Distress, safety, calling
17	156.850	156.850	Simplex, 1W	State Control
18A	156.900	156.900	Simplex	Commercial
19A	156.950	156.950	Simplex	Canadian Coast Guard
20	161.600	157.000	Duplex, 1W	Port Operation
21A	157.050	157.050	Simplex	Canadian Coast Guard
22A	157.100	157.100	Simplex	Canadian Coast Guard
23	161.750	157.150	Duplex	Canadian Coast Guard
24	161.800	157.200	Duplex	Marine Operator
25	161.850	157.250	Duplex	Marine Operator
26	161.900	157.300	Duplex	Marine Operator
27	161.950	157.350	Duplex	Marine Operator
28	162.000	157.400	Duplex	Marine Operator
60	160.625	156.025	Duplex	Marine Operator
61A	156.075	156.075	Simplex	Canadian Coast Guard

Canadian Marine Channels				
Ch	RX Freq	TX Freq	Status	Name
62A	156.125	156.125	Simplex	Canadian Coast Guard
63A	156.175	156.175	Simplex	Port Operation
64	160.825	156.225	Duplex	Marine Operator
64A	156.225	156.225	Simplex	Port Operation
65A	156.275	156.275	Simplex	Port Operation
66A	156.325	156.325	Simplex, 1W	Port Operation
67	156.375	156.375	Simplex	Bridge To Bridge
68	156.425	156.425	Simplex	Non Commercial
69	156.475	156.475	Simplex	Non Commercial
70	156.525	Inhibit	Receive only	Digital Selective Calling
71	156.575	156.575	Simplex	Non Commercial
72	156.625	156.625	Simplex	Non Commercial
73	156.675	156.675	Simplex	Port Operation
74	156.725	156.725	Simplex	Port Operation
75	156.775	156.775	Simplex, 1W	Port Operation
76	156.825	156.825	Simplex, 1W	Port Operation
77	156.875	156.875	Simplex, 1W	Port Operation
78A	156.925	156.925	Simplex	Inter Ship
79A	156.975	156.975	Simplex	Inter Ship
80A	157.025	157.025	Simplex	Inter Ship
81A	157.075	157.075	Simplex	Canadian Coast Guard
82A	157.125	157.125	Simplex	Canadian Coast Guard
83	161.775	157.175	Duplex	Canadian Coast Guard
83A	157.175	157.175	Simplex	Canadian Coast Guard
84	161.825	157.225	Duplex	Marine Operator
85	161.875	157.275	Duplex	Marine Operator

Canadian Marine Channels				
Ch	RX Freq	TX Freq	Status	Name
86	161.925	157.325	Duplex	Marine Operator
87	157.375	157.375	Simplex	Port Operation
88	157.425	157.425	Simplex	Port Operation

International channel frequencies and names

International Marine Channels				
Ch	RX Freq	TX Freq	Status	Name
1	160.650	156.050	Duplex	Marine operator
2	160.700	156.100	Duplex	Marine operator
3	160.750	156.150	Duplex	Marine operator
4	160.800	156.200	Duplex	Marine operator
5	160.850	156.250	Duplex	Marine operator
6	156.300	156.300	Simplex	Inter-ship safety
7	160.950	156.350	Duplex	Marine operator
8	156.400	156.400	Simplex	Commercial (ship-ship)
9	156.450	156.450	Simplex	Boater calling channel
10	156.500	156.500	Simplex	Commercial
11	156.550	156.550	Simplex	Vessel traffic system
12	156.600	156.600	Simplex	Vessel traffic system
13	156.650	156.650	Simplex	Bridge to bridge
14	156.700	156.700	Simplex	Vessel traffic system
15	156.750	156.750	Simplex, 1W	Environmental
16	156.800	156.800	Simplex	Distress, safety, calling
17	156.850	156.850	Simplex, 1W	Govt maritime control
18	161.500	156.900	Duplex	Port operation
19	161.550	156.950	Duplex	Commercial
20	161.600	157.000	Duplex	Port operation

International Marine Channels				
Ch	RX Freq	TX Freq	Status	Name
21	161.650	157.050	Duplex	Port operation
22	161.700	157.100	Duplex	Port operation
23	161.750	157.150	Duplex	Marine operator
24	161.800	157.200	Duplex	Marine operator
25	161.850	157.250	Duplex	Marine operator
26	161.900	157.300	Duplex	Marine operator
27	161.950	157.350	Duplex	Marine operator
28	162.000	157.400	Duplex	Marine operator
60	160.625	156.025	Duplex	Marine operator
61	160.675	156.075	Duplex	Marine operator
62	160.725	156.125	Duplex	Marine operator
63	160.775	156.175	Duplex	Marine operator
64	160.825	156.225	Duplex	Marine operator
65	160.875	156.275	Duplex	Marine operator
66	160.925	156.325	Duplex	Marine operator
67	156.375	156.375	Simplex	Bridge to bridge
68	156.425	156.425	Simplex	Non commercial
69	156.475	156.475	Simplex	Non commercial
70	156.525	Inhibit	Receive only	Digital Selective Calling
71	156.575	156.575	Simplex	Non commercial
72	156.625	156.625	Simplex	Non commercial
73	156.675	156.675	Simplex	Port operation
74	156.725	156.725	Simplex	Port operation
75	156.775	156.775	Simplex, 1W	Port operation
76	156.825	156.825	Simplex, 1W	Port operation
77	156.875	156.875	Simplex	Port operation (ship-ship)
78	161.525	156.925	Duplex	Port operation
79	161.575	156.975	Duplex	Port operation

International Marine Channels				
Ch	RX Freq	TX Freq	Status	Name
80	161.625	157.025	Duplex	Port operation
81	161.675	157.075	Duplex	Port operation
82	161.725	157.125	Duplex	Port operation
83	161.775	157.175	Duplex	Port operation
84	161.825	157.225	Duplex	Marine operator
85	161.875	157.275	Duplex	Marine operator
86	161.925	157.325	Duplex	Marine operator
87	157.375	157.375	Simplex	Marine operator
88	157.425	157.425	Simplex	Marine operator

Weather channel frequencies and names

Channel	RX
WX01	162.5500
WX02	162.4000
WX03	162.4750
WX04	162.4250
WX05	162.4500
WX06	162.5000
WX07	162.5250
WX08	161.6500
WX09	161.7750

GMRS/FRS CHANNEL FREQUENCIES

Frequency

CH.	Frequency	Cross Reference
1	462.5625	FRS & GMRS 1
2	462.5875	FRS & GMRS 2
3	462.6125	FRS & GMRS 3

CH.	Frequency	Cross Reference
4	462.6375	FRS & GMRS 4
5	462.6625	FRS & GMRS 5
6	462.6875	FRS & GMRS 6
7	462.7125	FRS & GMRS 7
8	467.5625	FRS 8
9	467.5875	FRS 9
10	467.6125	FRS 10
11	467.6375	FRS 11
12	467.6625	FRS 12
13	467.6875	FRS 13
14	467.7125	FRS 14
15	462.5500	GMRS 11
16	462.5750	GMRS 8
17	462.6000	GMRS 12
18	462.6250	GMRS 9
19	462.6500	GMRS 13
20	462.6750	GMRS 10
21	462.7000	GMRS 14
22	462.7250	GMRS 15

CTCSS Chart (Hz)

Code	Freq.	Code	Freq.	Code	Freq.
oF	OFF	13	103.5	26	162.2

Code	Freq.	Code	Freq.	Code	Freq.
1	67.0	14	107.2	27	167.9
2	71.9	15	110.9	28	173.8
3	74.4	16	114.8	29	179.9
4	77.0	17	118.8	30	186.2
5	79.7	18	123.0	31	192.8
6	82.5	19	127.3	32	203.5
7	85.4	20	131.8	33	210.7
8	88.5	21	136.5	34	218.1
9	91.5	22	141.3	35	225.7
10	94.8	23	146.2	36	233.6
11	97.4	24	151.4	37	241.8
12	100.0	25	156.7	38	250.3

DCS Code List

Tone No.	Octal Code	Tone No.	Octal Code	Tone No.	Octal Code
39	023	60	143	81	315
40	025	61	152	82	331
41	026	62	155	83	343
42	031	63	156	84	346
43	032	64	162	85	351
44	043	65	165	86	364
45	047	66	172	87	365
46	051	67	174	88	371
47	054	68	205	89	411
48	065	69	223	90	412
49	071	70	226	91	413
50	072	71	243	92	423
51	073	72	244	93	431
52	074	73	245	94	432
53	114	74	251	95	445
54	115	75	261	96	464
55	116	76	263	97	465
56	125	77	265	98	466
57	131	78	271	99	503
58	132	79	306	100	506
59	134	80	311	101	513
102	532	109	631	116	723

Tone No.	Octal Code	Tone No.	Octal Code	Tone No.	Octal Code
103	546	110	632	117	731
104	565	111	654	118	732
105	606	112	662	119	734
105	612	113	664	120	743
107	624	114	703	121	754
108	627	115	712		

REGULATIONS AND SAFETY WARNINGS

WARNING! Read this information before using the radio.

MARITIME RADIO SERVICES OPERATION

Warning! This transmitter will operate on channels/frequencies that have restricted use in the United States. The channel assignments include frequencies assigned for exclusive use of the U.S. Coast Guard, use in Canada, and use in international waters. Operation on these frequencies without proper authorization is strictly forbidden. See pages page E-26 through page E-33 for tables of the available channels and their uses. If you are still not certain which channels to use, see the FCC maritime radio page at the FCC website

(<http://wireless.fcc.gov/marine/>) or contact the FCC Call Center at 1-888-CALL-FCC. For individuals requiring a license, such as commercial users, you should obtain a license application from your nearest FCC field office (for US users) or Industry Canada (for Canadian users).

BASIC RADIO GUIDELINES

You should familiarize yourself with the rules on marine radios and be aware of which rules apply to your boat. Complete guidelines for all ship and marine radio types can be found at the US Coast Guard website under the topic Radio Info for Boaters (the direct link is

<http://www.navcen.uscg.gov/marcomms/boater.htm>).

Here are a few guidelines that affect nearly all boaters.

- If you have a VHF radio on your boat, you must maintain a watch on channel 16 (156.800 MHz) whenever the radio is not being used to communicate. Starting in 2004, if a radio is carried, it must be on and set to channel 16 whenever your boat is underway.
- If you hear a distress call, wait a few minutes to let a

shore station or Coast Guard vessel respond. If no other station has responded after 5 minutes, you must respond to the distress call.

- Do not make false mayday or distress calls as a prank or to test your radio. (This is essentially like making a false 9-1-1 call; you may be subject to fines.)

FCC/Industry Canada Information

- Certification: FCC Part 80 or RSS-182
- Output Power: 6W
- Emission: 16K0F3E
- Transmitter Frequency Range: 156.025-157.425 MHz

This device complies with Part 15 of the FCC Rules.

Operation is subject to the condition that this device does not cause harmful interference.

Unauthorized changes or modifications to this equipment may void compliance with the FCC Rules. Any change or modification must be approved in writing by Uniden. Changes or modifications not approved by Uniden could void the user's authority to operate the equipment.

FCC RF Exposure Information

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.

This device complies with the SAR RF safety requirement when a 50% duty cycle (50% talk time) is observed.

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

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

Body-Worn Operation

This device was tested for typical body-worn operations using the supplied belt-clip. To maintain compliance with FCC RF exposure requirements, body-worn operations are restricted to the supplied belt-clip. For hand-held operation, the radio should be held 1 inch from the user's face. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements and should be avoided. For more information about RF exposure, please visit the FCC website at **www.fcc.gov**.

Lithium Ion Battery Warning

This equipment contains a rechargeable Lithium Ion battery. The rechargeable Lithium Ion battery contained in this equipment may explode if disposed of in a fire.

Do not short-circuit the battery.

Do not charge the rechargeable battery used in this equipment in any charger other than the one specified in the owner's manual. Using another charger may damage the battery or cause the battery to explode.

NOTE: Li-Ion batteries must be recycled or disposed of properly.

Avoid exposing the battery (whether attached to the radio or not) to direct sunlight, heated cars, or temperatures below -4°F (-20°C) or above +140°F (+60°C). Exposing the chemical contained within the battery pack to temperatures above +140°F (+60°C) may cause the battery to rupture, fail, or reduce performance.

In case of exposure to the cell contents, wash the affected area thoroughly and seek medical attention.

RBRC Information

As part of our commitment to protect the environment and conserve natural resources, Uniden voluntarily participates in an RBRC® industry program to collect and recycle used Li-Ion batteries within the US. Please call 1-800-8-BATTERY for information on Li-Ion battery recycling in your area.



(RBRC® is a registered trademark of the Rechargeable Battery Recycling Corporation.)

Three Year Limited Warranty

Keep your receipt! Proof of purchase is required for warranty.

WARRANTOR: UNIDEN AMERICA CORP. ("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, 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 Operating Guide 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 repair the defect 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. 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 OR PAYMENT 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 this Operating Guide, you are certain that the Product is defective, pack the Product carefully (preferably in its original packaging). 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, or delivered, to warrantor at:

Uniden America Corporation
C/O Saddle Creek
743 Henrietta Creek Rd., Suite 100
Roanoke, TX 76262

(800) 297-1023, 8 a.m. to 4:30 p.m., Central, Monday through Friday

QUESTIONS?

Visit our website at
www.uniden.com or
call 1-800-297-1023.

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