Uniden®

Atlantis 275

FLOATING VHF MARINE RADIO

RADIO VHF MARITIME FLOTTANTE



OWNER'S MANUAL
GUIDE D'UTILISATION

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

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

FAIRE UN APPEL 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. Appuyez sur le bouton de microphone ***Push to Talk*** et dites:"**MAYDAY -- MAYDAY -- MAYDAY**".
4. 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)}".
5. Dites "**MAYDAY** {nom ou indicatif d'appel de votre bateau} une fois".
6. 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).
7. 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.
8. Révélez la nature de l'aide désirée (médicale, remorquage, essence, etc.)
9. Donnez le nombre de personnes à bord et les conditions des blessés, s'il y en a.
10. Donnez la condition de navigabilité actuelle de votre navire, tel que le degré de l'urgence par rapport une inondation, et une incendie.
11. 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 rouffle bleu.).
12. Dites : "**JE VAIS ÉCOUTER SUR LE CANAL 16**".
13. Terminez le message en disant "**ICI** {nom ou indicatif d'appel de votre bateau}, **À VOUS**".
14. 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.

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INTRODUCTION

FEATURES

- **Memory scan mode**
  Lets you save channels to memory and monitor them in quick succession.
- **Transmit power level select**
  Lets you boost the transmitter power from L (Low = 1 Watt) to M (Medium = 2.5 Watts) or H (High = 6 Watts) for added transmission distance.
- Battery level display.
- **Battery Save**
  Unit turns off RX power after 3 seconds without RX or TX.
- **Dual and Triple operation**
  These different watch modes let you monitor up to two Coast Guard Distress/Hailing channels along with one regular marine channel.
- All marine VHF channels for the U.S., Canada, and international waters
- **National Oceanic and Atmospheric Administration (NOAA) Weather Channel watch**
  Sounds a warning tone when a hazard alert is issued.
- **Keylock On/Off**
  Locks the keys to prevent accidental input.
- 10 built-in weather channels.
- **Flashlight/Strobe**
  Turns on a strobe light that flashes in a Morse code SOS pattern or as a solid light (flashlight function).
- **Backlight**
  User-selectable white backlight during daylight and amber backlight during night.
- **Contrast Adjust**
  Adjust LCD contrast levels.
- **Vibrating Speaker Tone**
  Clears water from the speaker cavity.

- Emergency CH16/ CH9 Mode

WATERPROOF SPECIFICATIONS

The Atlantis 275 is a submersible radio, complying with floating IPX8 water-resistant standards. The radio can be submerged in 1.5 meter of water for 30 minutes without damage.

CAUTION! The radio will only meet this rating if fully assembled and all rubber seals are well maintained and correctly fitted. This means that the speaker mic cover must be 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 exposured to salt water, clean it thoroughly with fresh water and dry it before turning it on. The Atlantis 275 has a special tone that will vibrate the speaker to remove water inside the casing (see page E-18).

The charger is not waterproof.

WHAT'S INCLUDED



Atlantis 275 Radio
(Removeable antenna)



Charger



Belt Clip



AC Adapter



DC Adapter



Mounting Hardware

Not Shown:
Hand Strap
Owner's Manual

If any pieces are missing or damaged, and for information on accessories, visit **www.uniden.com**.

PARTS OF THE ATLANTIS 275

Front view



Back view



Key	Press to...	Press and hold to...
▲ / ▼	In Channel mode, moves up or down one channel at a time. In Volume mode, increases or decreases volume one step at a time. In Squelch mode, raises and lowers squelch settings.	In Channel mode, moves quickly up or down the channels. In Volume mode, quickly increases or decreases volume. In Squelch mode, quickly raises and lowers squelch settings.
Push to Talk	NA	Transmit on a channel
6W/ BOOST	NA	Boost transmission power to 6W.
16/9 TRI	1st press: Go to channel 16. 2nd press: Go to channel 9. 3rd press: Go back to the starting channel.	Turn Triple Watch on and off.
MEM SOS	Save a channel into memory or delete a channel from memory.	1st press: Morse Code SOS signal displays. 2nd press: Changes to Flashlight mode. 3rd press: Turns off light.
ALERT WX	Listen to the weather channels.	Turn Weather Alert Watch on and off.
VOL SQL	Enter Volume Setting mode. Use ▲ and ▼ to raise and lower the volume (Levels = 0 - 15).	Enter Squelch Setting mode. Use ▲ and ▼ to raise and lower the squelch settings (Levels = 0 - 3).

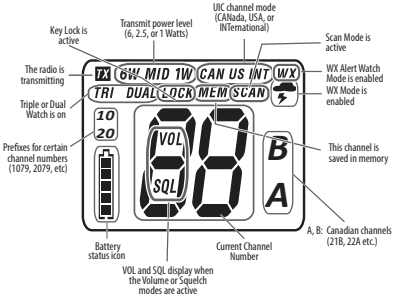
Key	Press to...	Press and hold to...
SCN DUAL	Start scanning the channels saved in memory.	Turn Dual Watch on and off.
⏻ / 💡	Press to change the backlight's color and brightness.	Turn the radio on and off.
H/M/L	Change the transmit power (page E-16).	NA
Lock UIC	Lock the keys; press again to unlock.	Switch between US, Canadian, or International channels.

Charger



READING THE DISPLAY

The LCD display shows different information depending on what you are doing. This sample screen shows some of this information. The table below shows all the possible icons and what they mean.



Display icons and what they mean

Icon	What it means
TX	You are currently transmitting.
6W, MID, or 1W	The transmitter power is set to 6 Watts, MID (2.5 Watts), or 1 Watt.
CAN, US, or INT	The radio is set to use CANadian channels, US channels, or INTernational channels.
WX	The radio is in Weather mode.
TRI or DUAL	TRIple Watch or DUAL Watch is turned on.
LOCK	The keys are locked (Key Lock function is on).
MEM	The current channel is saved in memory.
SCAN	The radio is in Scan mode.
10 20	Indicates if channel numbers have leading 10 or 20 (1078, 2078).
	Weather Alert Watch is turned on.
	Displays 6 battery levels from fully charged to empty.
VOL	Displays when Volume mode is turned on.
SQL	Displays when Squelch mode is turned on.
B A	A, B = Canadian Channels (21B, 22A, etc)

HOW IT WORKS

Your radio has three main operation modes: normal, scan, and weather.

Mode	What it does	Use it when you want to...	To turn it on/off
Normal	Monitors a single marine channel and lets you talk on that channel.	Monitor a channel or talk to another radio.	(default mode)
Scan	Monitors all the channels you save into memory.	Check a small group of regularly-used channels for traffic.	Press ***SCN DUAL***
Weather	Monitors the selected NOAA weather channel.	Hear the current or forecasted weather.	Press ***ALERT WX***.

In addition to the three operation modes, your radio provides four different watch modes which you can activate during any operation mode. In the watch modes, the radio briefly checks for activity on a specific channel, then returns to its previous operation.

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 ***ALERT WX*** for 2 seconds.
Dual Watch	Checks channel 16 for activity every 2 seconds.	Press and hold ***SCN DUAL*** for 2 seconds.
Triple Watch	Checks channels 16 and 9 for activity every 2 seconds.	Press and hold ***16/9 Tri*** for 2 seconds.

✎ **Note: Private boats must monitor channel 16 whenever they**

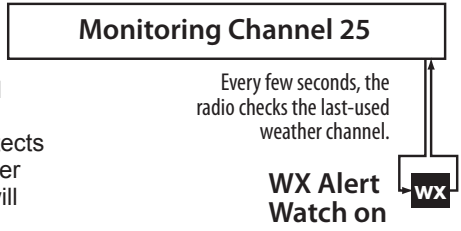
are underway. Water-going vessels should have either Triple Watch or Dual Watch on at all times.

NORMAL MODE OPERATION

- To transmit, remove the radio from the charger, then press and hold the ***Push to Talk*** key. Release the key when you are finished talking.
- For the best sound quality, hold the microphone about two inches from your mouth while you're talking.
- Press the ▲ key to move up one channel at a time. Press and hold the key to scroll quickly up the channels.
- Press the ▼ key to move down one channel at a time. Press and hold the key to scroll quickly down the channels.
- To change the transmit power, press the ***H/M/L*** key. The transmit power switches to the next transmit power each time you press this key.

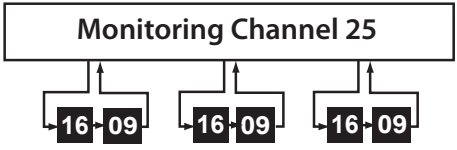
Normal mode with Weather Alert Watch

If you activate Weather Alert Watch while operating in normal mode, 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 transmitting or receiving an active transmission, the radio waits until the channel is clear or you finish your transmission before checking the weather channel.)



Normal mode with Triple Watch or Dual Watch

If you activate Triple Watch while operating in normal mode, the radio checks channels 9 and 16 every two seconds and then returns to the current MRN or WX channel; with Dual Watch turned on, the radio only checks channel 16 before returning to the current MRN or WX channel. 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.

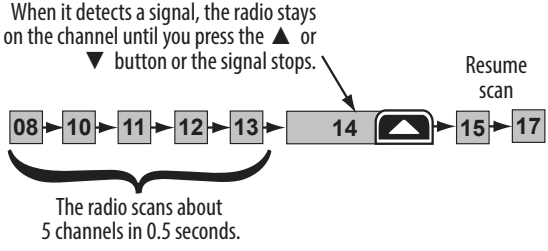


Every few seconds, the radio checks channels 16 & 9.

Triple Watch on

SCAN MODE OPERATION

You can save channels into memory and then use scan mode to monitor those channels from lowest to highest. If the radio detects a signal on a channel, it stays on that channel as long as the signal is received; when the signal stops, the radio continues scanning.



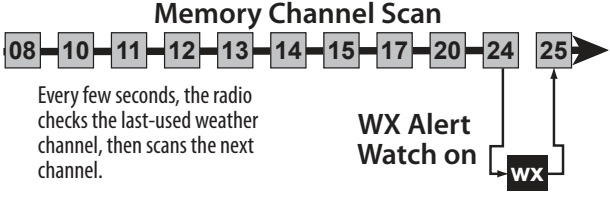
Using the radio in scan mode

- To activate scan mode, press ***SCN DUAL***.
- You must have at least two channels in memory to start a scan.
- You cannot transmit while in scan mode.
- To save a channel into memory, select the channel, then press the ***MEM SOS*** key. The *MEM* icon displays whenever you tune to that channel.
- To remove a channel from memory, set the radio to that channel, then press the ***MEM SOS*** key. The *MEM* icon no longer displays.
- When the radio stays on a channel, press ▲ to leave that channel and resume scanning.
- Pressing ***16/9 TRI*** while in Scan mode pauses scanning and immediately goes to emergency channel 16. Press again to go to channel 9. Press a third time to resume scanning.
- To end the scan, press the ***SCN DUAL*** key again; the radio remains on the last scanned channel.

Note: WX channels and Channel 70 cannot be saved in memory.

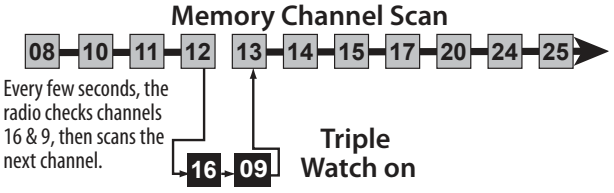
Scan mode with Weather Alert Watch

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



Scan mode with Triple Watch or Dual Watch

If you activate Triple Watch 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:



WEATHER MODE

The NOAA weather channels cooperate 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 ten NOAA weather channels. If any type of alert is received, the radio sounds an alert tone and the display blinks.

Using the radio in weather mode

- You cannot transmit while in weather mode.
- To enter weather mode, press the ***ALERT WX*** key.
- To turn off the radio's alert tone, press any key.
- To cancel weather mode and return to the previous marine channel, press the ***ALERT WX*** key again.

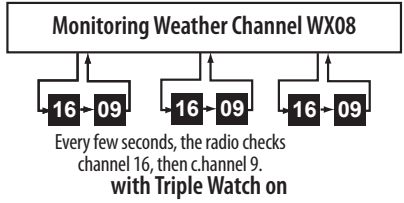
Weather mode with Weather Alert Watch

Because weather mode already monitors the weather channels, you don't need Weather Alert Watch to check the weather channel every seven seconds. If you activate Weather Alert Watch while operating in weather mode, it operates as a type of "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. This mode is very useful when you are anchoring for the night but want to keep informed of hazards.

Weather mode with Triple Watch or Dual Watch

If you activate Triple Watch while operating in weather mode, the radio checks channels 9 and 16 every two seconds; with Dual Watch turned on, the radio only checks channel 16.



SETTING UP THE HARDWARE

MOUNTING THE CHARGER

You can mount the charger on any flat surface, horizontally or vertically (horizontal mounting shown).

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.



CHARGING THE BATTERY

Your radio includes a charger and an internal rechargeable battery. Place your radio in the charger with the display facing forward. Make sure that the CHARGE LED on the charger turns orange.



Cautions:

- Use only the 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, visit www.uniden.com for assistance.
- Wipe off dirt or shake water from your radio before placing in the charger if your radio gets dirty or wet.

Important notes on charging the battery

- Charge the battery fully before using the radio. When the battery is completely charged, the CHARGE LED turns green.
- Don't use the charger when the ambient temperature is below 41° F (5° C) or above 104° F (40° C).
- If the radio is powered down, the battery can charge in about five hours. (If the radio is powered on, the battery takes longer to charge.)

INSTALLING AND REMOVING 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:

1. Lift the flat latch.
2. Slide the clip up until it comes free of the latch.

USING YOUR RADIO

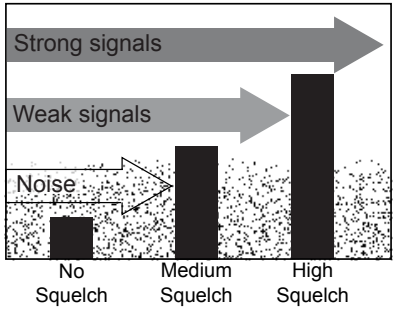
CHANGING THE VOLUME

To increase the speaker volume, press the ***VOL SQL*** key. The screen displays *VOL* and a volume level number. Use

the ▲ and ▼ keys to raise or lower the volume. In Volume Setting mode, press the ***VOL SQL*** key again to set the volume level and return to the main display. There are 16 volume levels - 0 (mute) to 15.

SETTING 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 the ***VOL SQL*** key. The screen displays *SQL* and a squelch level number (0 - 3). Use the ▲ and ▼ keys to adjust the squelch level. In Squelch Setting mode, press and hold the ***VOL SQL*** key 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.

CHANGING THE CHANNEL

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

MAKING A TRANSMISSION

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

- To prevent stuck microphone problems or situations where the ***Push to Talk*** key 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-22 for a list of receive-only channels.

Boosting the transmission power

In most situations, the 1 Watt 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 1 Watt to 2.5 Watts or 6 Watts:

1. Select the channel you want to transmit on.
2. Press the ***H/M/L*** key to switch to the next transmission power level (for example, from 6 Watt to 2.5 Watts; from 2.5 Watts to 1 Watt, or from 1 Watt back around to 6 Watts).
3. The display shows the new transmission power in the lower left hand corner. The transmit power remains at the new setting until you change it again.

✍ **Note: Don't forget to change the transmission setting back to 1 Watt when you move close to other stations.**

- Some 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-22 for a list of power-restricted channels.
- In an emergency, if you press and hold the ***Push to***

Talk switch while briefly pressing the ***H/M/L*** key, the power level changes from 1W to 6W.

SETTING KEY LOCK

Press the ***LOCK UIC*** key to lock the radio's keys to prevent accidental entry. *LOCK* displays when Key Lock is active. Press ***LOCK UIC*** again to unlock the keys.

Note: When Key Lock is active, only *Push to Talk*, *Boost*, and ⏻ keys are operational.

SETTING THE UIC CHANNEL MODE

The radio comes preset to use the channels assigned for the US. If your current area uses Canadian or international channel assignments, press and hold the ***LOCK UIC*** key to rotate through the US, Canadian, and international channels.

TURNING THE KEY BEEP ON AND OFF

Key Beep is the tone that sounds when you press a key. To turn Key Beep on or off, press and hold the ▲ or ▼ key while turning the radio on (turn Key Beep on) or off (turn Key Beep off).

BACKLIGHTING

The Liquid Crystal Display (LCD) is backlit for easy viewing at night or in low light situations. Backlighting automatically switches on every time a key is pressed (except ***Push to Talk*** and ***BOOST***) and off 10 seconds after the last key is pressed.

1. Press and the current backlight level/color displays.
2. Press the icon again and the backlight level/color changes in the following order:

   White High (default) - White Medium - White Low - Amber High - Amber Medium - Amber Low - White High, etc.

✎ **Note: Uniden recommends using white backlight during the day and amber backlight at night.**

ADJUST LCD CONTRAST

Adjust the LCD contrast to make the images on the LCD clearer and easier to see. You must first enter LCD contrast adjustment mode.

1. Turn off the radio, and then turn it on again while pressing and holding ***16/9 TRI*** and ***WX/ALERT***.
2. Press ▲ and ▼ to change the levels (0 - 31). The contrast level displays and blinks.

SAVING A CHANNEL TO MEMORY

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

SCANNING CHANNELS IN MEMORY

Press ***SCN DUAL*** to begin scanning the channels stored in memory. Press ***SCN DUAL*** or ***ALERT WX*** to stop scanning.

BATTERY SAVE FEATURE

The Battery Save feature is an automatic feature that turns off the RX power if there has been no RX or TX activity for 3 seconds. RX power turns back on whenever there is activity.

✎ **Note: Battery Save feature does not work while the radio is in Scan mode.**

SPEAKER VIBRATION TONE

If the radio falls overboard into the water, you can trigger a tone to help remove water through the speaker. This tone vibrates the speaker and helps push water out the drain hole and speaker openings.

1. Press both ▲ and ▼ in VOL mode to activate this feature. The unit vibrates the speaker with a low frequency tone sound.
2. Press any key to turn off the tone.

MAINTENANCE AND 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. - Have the battery replaced.

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-22). 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.	Check your UIC channel settings: does the area you are in use different channel assignments?
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-8).
Where can I find my radio's serial number?	The serial number is on the back of the radio.

SPECIFICATIONS

General	
Channels	All US/International/Canada marine channels
	10 Weather channels
Freq. Control	PLL

Freq. Tol.	Transmit: 1.5 PPM (at 25°C)
	Receive: 1.5 PPM (at 25°C)
Oper. Temp.	-4°F (-20°C) to +131°F(+55°C)
Antenna	Flexible Whip
Microphone	Built-in Electret type
Display	Liquid Crystal Display
Speaker	8Ω 1 Watt
Power Source	Rechargeable Lithium Ion Battery 7.4V DC 1200 mAh
Size (without antenna)	5.35 (H) x 2.44 (W) x 1.53 (D) inch 136 (H) x 62 (W) x 39 (D) mm
Weight	8.46 oz (240g) (w/battery and antenna)
Transmitter	
Frequency Range	156.05~161.60 MHz
Frequency Stability	±10 PPM
Power Output	1.0 W & 2.5W & 6W
Spurious Emissions	70 dBc
Current Drain	1400 mA (6W)
Receiver	
Type	Direct Conversion Super Heterodyne Phase Locked Loop system for Local Oscillator
Frequency Range	156~164 MHz
Sensitivity	0.20 µV for 12dB SINAD
Squelch Sensitivity	Threshold 0.2µV
Audio Frequency Response	+5.5 dB @ 500 Hz; -6.5 dB @ 2000Hz
Adjacent Channel Selectivity	75 dB @ ±25 kHz
Audio Output Power	0.7 W @10% THD
Current Drain	Squelched: 60 mA; Max. Audio: 430 mA

Marine Radio Channel Chart

Ch No.	U	I	C	TX	RX	S/D	Channel Type/Name
01		x	x	156.050	160.650	D	Marine Operator
1001	x			156.050	156.050	S	Vessel Traffic System/Commercial
02		x	x	156.100	160.700	D	Marine Operator
03		x	x	156.150	160.750	D	Marine Operator
1003	x			156.150	156.150	S	US Gov't only; Coast Guard
04		x		156.200	160.800	D	Marine Operator
04A			x	156.200	156.200	S	Canadian Coast Guard
05		x		156.250	160.850	D	Marine Operator
05A			x	156.250	156.250	S	Vessel Traffic System
1005	x			156.250	156.250	S	Vessel Traffic System/Commercial
06	x	x	x	156.300	156.300	S	Inter-ship safety
07		x		156.350	160.950	D	Marine Operator
7A			x	156.350	156.350	S	Commercial
1007	x			156.350	156.350	S	Commercial
08	x	x	x	156.400	156.400	S	Commercial (International: Inter-Ship)
09	x	x	x	156.450	156.450	S	INT and CAN: Boater Calling Channel US: Non-Commercial
10	x	x	x	156.500	156.500	S	Commercial
11	x	x	x	156.550	156.550	S	Vessel Traffic System
12	x	x	x	156.600	156.600	S	Vessel Traffic System
13	x	x	x	156.650	156.650	S	Bridge to Bridge US and CAN: 1W
14	x	x	x	156.700	156.700	S	Vessel Traffic System
15	x			Inhibit	156.750	Receive Only	Environmental
15		x	x	156.750	156.750	S	Environmental INT and CAN: 1W
16	x	x	x	156.800	156.800	S	Distress, Safety, Calling

Ch No.	U	I	C	TX	RX	S/D	Channel Type/Name
17	x	x	x	156.850	156.850	S	Government Maritime Control CAN: State Control
18		x		156.900	161.500	D	Port Operation
18A			x	156.900	156.900	S	Commercial
1018	x			156.900	156.900	S	Commercial
19		x		156.950	161.550	D	Port Operation, Ship Movement
19A			x	156.950	156.950	S	Canadian Coast Guard
1019	x	x		156.950	156.950	S	Commercial
2019		x		161.550	161.550	S	
20	x	x	x	157.000	161.600	D	Port Operations CAN: 1 Watt Only
1020	x	x		157.000	157.000	S	Port Operations
2020		x		161.600	161.600	S	
21		x		157.050	161.650	D	Port Operations
21A			x	157.050	157.050	S	Canadian Coast Guard
21B*			x	INHIBIT	161.650	S	Continuous Marine Broadcast (CMB) Service
1021	x			157.050	157.050	S	Coast Guard Only
22		x		157.100	161.700	D	Port Operations, Ship Movement
22A			x	157.100	157.100	S	Canadian Coast Guard Liaison and Airtime Safety Information Broadcasts Announced on Channel 16
1022	x			157.100	157.100	S	US Coast Guard Liaison and Airtime Safety Information Broadcasts Announced on Channel 16
23		x	x	157.150	161.750	D	Marine Operator
23B*			x	INHIBIT	161.750	S	MB Service
1023	x			157.150	157.150	S	US Coast Guard Only
24	x	x	x	157.200	161.800	D	Marine Operator

Ch No.	U	I	C	TX	RX	S/D	Channel Type/Name
25	x	x	x	157.250	161.850	D	Marine Operator
25B*			x	INHIBIT	161.850	S	CMB Service
26	x	x	x	157.300	161.900	D	Marine Operator
27	x	x	x	157.350	161.950	D	Marine Operator
28	x	x	x	157.400	162.000	D	Marine Operator
28B*			x	INHIBIT	162.000	S	CMB Service
60		x	x	156.025	160.625	D	Marine Operator
61		x		156.075	160.675	D	Marine Operator
61A			x	156.075	156.075	S	Canadian Coast Guard
1061	x			156.075	156.075	S	Public Coast: Coast Guard East Coast: Commercial Fishing Only
62		x		156.125	160.725	D	Marine Operator
62A			x	156.125	156.125	S	Canadian Coast Guard
63		x		156.175	160.775	D	Marine Operator
63A			x	156.175	156.175	S	Port Operations
1063	x			156.175	156.175	S	VTS
64		x	x	156.225	160.825	D	Marine Operator
64A			x	156.225	156.225	S	Port Operation
1064	x			156.225	156.225	S	Marine Operator Port Operation, Ship Movement
65		x		156.275	160.875	D	Marine Operator
65A			x	156.275	156.275	S	Port Operations
1065	x			156.275	156.275	S	Port Operation
66		x		156.325	160.925	D	Marine Operator
66A			x	156.325	156.325	S	Port Operations Canada: 1 Watt Only
1066	x			156.325	156.325	S	Port Operations
67	x	x	x	156.375	156.375	S	Bridge-to-Bridge ~~International: Port Operations~~
68	x	x	x	156.425	156.425	S	Non -Commercial

Ch No.	U	I	C	TX	RX	S/D	Channel Type/Name
69	x	x	x	156.475	156.475	S	Non-Commercial
70	x	x	x	Inhibit	156.5250	DCS Only	DSC
71	x	x	x	156.575	156.575	S	Non-Commercial
72	x	x	x	156.625	156.625	S	Non-Commercial US: Non-Commercial, Ship-to-Ship
73	x	x	x	156.675	156.675	S	Port Operations
74	x	x	x	156.725	156.725	S	Port Operations
75	x	x	x	156.775	156.775	S	Port Operations (1 Watt Only)
76	x	x	x	156.825	156.825	S	Port Operations (1 Watt Only)
77	x	x	x	156.875	156.875	S	Port Operations US and INT: Ship to Ship US and CAN: 1 Watt Only
78		x		156.925	161.525	D	Port Operations
78A			x	156.925	156.925	S	Non-Commercial, Inter-Ship
1078	x	x		156.925	156.925	S	Non-Commercial
2078		x		161.525	161.525	S	
79		x		156.975	161.575	D	Port Operations
79A			x	156.975	156.975	S	Inter-Ship
1079	x	x		156.975	156.975	S	Commercial
2079		x		161.575	161.575	S	

Ch No.	U	I	C	TX	RX	S/D	Channel Type/Name
80		x		157.025	161.625	D	Port Operations
80A			x	157.025	157.025	S	Inter-Ship
1080	x			157.025	1570.25	S	Commercial
81		x		157.075	161.675	D	Port Operations
81A			x	157.075	157.075	S	Canadian Coast Guard
1081	x			157.075	157.075	D	Government
82		x		157.125	161.725	D	Port Operations
82A			x	157.125	157.125	S	Canadian Coast Guard
1082	x			157.125	157.125	S	Government
83		x		157.175	161.775	D	Port Operations
83A			x	157.175	157.175	D	Canadian Coast Guard
83B*			x	INHIBIT	161.775	S	Canadian CG Continuous Marine Broadcast (CMB) Service
1083	x			157.175	157.175	S	Coast Guard
84	x	x	x	157.225	161.825	D	Marine Operator
85	x	x	x	157.275	161.875	D	Marine Operator
86	x	x	x	157.325	161.925	S	Marine Operator
87	x	x	x	157.375	157.375	S	Marine Operator
88	x	x	x	157.425	157.425	S	U: Commercial (Ship-to-ship) I: Marine Operator C: Port Operation

* = New Channel, Continuous Marine Broadcast (CMB) Service

Weather Channels and Frequencies (US and CAN)

Ch No.	RX Freq	Name on display
WX01	162.5500	162.550 MHz
WX02	162.4000	162.400 MHz
WX03	162.4750	162.475 MHz
WX04	162.4250	162.425 MHz
WX05	162.4500	162.450 MHz
WX06	162.5000	162.500 MHz

Ch No.	RX Freq	Name on display
WX07	162.5250	162.525 MHz
WX08	161.6500	161.650 MHz
WX09	161.7750	161.775 MHz
WX10	163.2750	163.275 MHz

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 E-21 through E-26 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.

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 comes into contact with 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 an internal 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 use any charger other than the one specified in the owner's manual to charge the rechargeable battery used in this equipment. Using a different charger may damage the battery or cause the battery to explode.

Avoid exposing the battery 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 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.

Three-Year Limited 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

QUESTIONS?
Visit our website at
www.uniden.com.

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www.uniden.com.

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