Uniden®

MHS127
Handheld VHF Marine Transceiver

OWNER'S MANUAL

Making a Distress Call

Speak slowly - clearly - calmly.

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

1. Make sure your radio is on.
2. On the radio, press the 16/67-Tri button to switch to Channel 16 (156.8 MHz). (If the corner of the display does not show 16, press the 16/67-Tri button again until it does.)
3. Press the push to talk button and say: "MAYDAY -- MAYDAY -- MAYDAY."
4. Say "THIS IS {name of your boat (three times) and call sign/boat registration number (once)}."
5. Say "MAYDAY {name or call sign of your boat}."
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. are you sinking, medical emergency, man overboard, on fire, adrift, etc.)
8. State the type of assistance you need (medical, towing, pumps, etc.).
9. Give number of persons aboard and conditions of any injured persons.
10. Estimate present seaworthiness of your ship (e.g. how immediate is the danger due to flooding or fire or proximity to shore).
11. Briefly describe your ship, giving the ship name (e.g. "Blue Duck is 32 foot cabin cruiser, white hull, blue deck house").
12. Say: "I WILL BE LISTENING ON CHANNEL 16."
13. End message by saying "THIS IS {name or call sign of your boat}, OVER."
14. Release the push to talk button and listen.

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

Warning

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Floating/Waterproof: JIS8

Uniden's MHS127 radio is designed to meet the water proofing standard of JIS8 and will float in water.

This Means: Protected against the effects of continuous immersion in water. The MHS127 can withstand immersion in water up to 1.5m depth for 1hr. Note this is not suitable for scuba diving.

The MHS127 will only meet this rating if fully assembled and all rubber seals are well maintained and correctly fitted. This means that the carabiner clip is not connected and the battery cover 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 your radio thoroughly with fresh water, and dry it before turning it on.

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Introduction

The MHS127 is a floating, waterproof, portable two-way VHF transceiver. It is compact, lightweight, rugged and fits easily in your hand. This handheld VHF marine radio will give you consistent, outstanding performance in virtually all conditions and situations.

To ensure that you get the most from the MHS127's features, please read this operating guide carefully before using the unit.

Features

Your radio provides the following key features:

- Submersible design. Complies with floating JIS8/IPX8 water-resistant standards.
- Memory Scan mode. Lets you save channels to memory and monitor them in quick succession.
- Transmitter power level select/Boost. Lets you boost the transmitter power from 1W to 2.5W or 5W for added transmission distance.
- Battery level display and low battery alert.
- Dual Watch: This mode lets you monitor Instant CH along with one regular marine channel.
- Triple Watch: This mode lets you monitor 16CH, 67CH along with one regular marine channel.
- Battery Save. The Battery Save feature automatically turns off RX power at regular intervals to save battery power.
- SOS Strobe/Flashlight. A high intensity strobe LED can be set to blink an SOS pattern or to be steady on.
- Emergency 16/67 Channel monitoring. Set unit to scan one or both of these emergency channels regularly within normal scanning cycles.
- Key Lock. Locks keys to prevent accidentally changing channels or entering data.
- Selectable Volume (0 - 9) and Squelch (0 - 3) levels.

Getting Started

What's Included?

Antenna

Charging Cradle

Lithium Ion Poly Battery

Alkaline Battery Tray (batteries not included)

AC-DC Charging Adaptor

DC Charging Adaptor

MHS127 Radio

Wrist Strap

Belt Clip

Screws

- If any items are missing or damaged, contact your place of purchase immediately. **Never use damaged products!**
- Need help? Get answers at our website:
  www.uniden.com.au for Australian model
  www.uniden.co.nz for New Zealand model.

Controls and Indicators

MHS127 Radio

Antenna

External Speaker and microphone jack

Wrist strap anchor

Power

Push to talk

LCD

Channel up

Boost

16/67-Tri

VOL / TX PWR

WX/SOS

SQL/UIC

DUAL/ LOCK

Channel down

INST

SCAN/MEM

Strobe SOS Light

Microphone

Speaker

FLOATING

16/67 TRI

VOL TX PWR

WX SOS

SQL UIC

DUAL LOCK

SCAN MEM

INST

SOS

MIC

SUBMERSIBLE

Uniden

Controls and Indicators

Battery latch

Battery charging contacts

Battery

Belt Clip
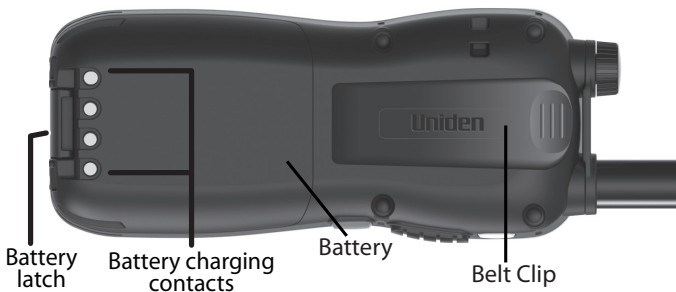
Button	Press to...	Press and hold to...
Power	NA	Turn the radio on or off.
PTT (Push to Talk)	NA	Talk/transmit on a channel.
Boost	NA	Transmit with a higher power level.
16/67/TRI	1st press: Go to channel 16. 2nd press: Go to channel 67. 3rd press: Go back to the starting channel.	Turn Triple Watch on and off.
WX/SOS	Select WX channel.	Strobe SOS Light function. Consecutive lighting function.
DUAL/LOCK	Select Dual Watch function.	Select Key Lock function.
Channel Up	Move up channel or squelch/volume one step at a time.	Move quickly up the channels/ squelch/volume steps.
SCAN/MEM	Select Scan function.	Save a channel into memory or delete a channel from memory.

Controls and Indicators

VOL/TX PWR	Enter volume setting condition.	Select transmit power L, M or H.
SQL/UIC	Enter squelch level setting condition.	Select US, International or Canadian mode.
INST	Instant CH Call	Instant CH programming

Charger

Charging contacts

Charging latches

Screw holes for mounting

Power jack [cigarette (DC) or wall (AC) plug]

CHARGE LED
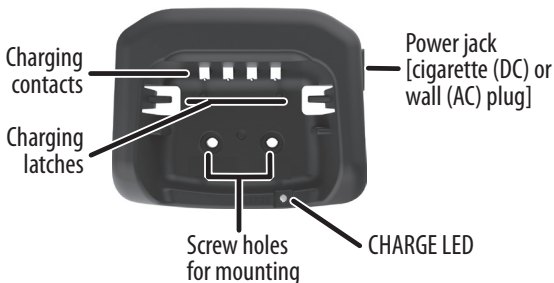
Reading the Display

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

Transmit power level

The radio is transmitting

Battery status icon

UIC channel mode

Key lock is on

Watch mode

The radio is in scan mode

Current channel number

Weather Channel

This channel is stored in memory.
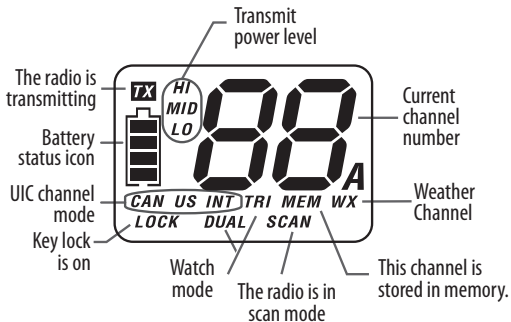
Controls and Indicators

Icon	Detail
TX	You are currently transmitting.
LO MID HI	The transmitter power is set to L (Low - 1W), M (Mid - 2.5W), or H (HIGH - 5W).
LOCK	The keys are locked.
US, CAN, or INT	Indicates if the radio is set for US channels, CANadian channels, or INTernational channels.
TRI or DUAL	TRIple Watch or DUAL Watch is turned on.
MEM	The current channel is saved in memory.
SCAN	The radio is in Scan mode.
WX	The weather channels are displayed.
	The battery is fully charged, mostly charged, halfcharged, mostly empty, or completely empty.
88A	Current channel number.

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 SCAN.
Weather	Monitors the selected weather channel	Hear the current or forecasted weather.	Press WX/SOS

In addition to the three operation modes, your radio provides two 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
Dual Watch	Checks Instant CH for activity every 2 seconds.	Press DUAL/LOCK.
Triple Watch	Checks channels 16 and 67 for activity every 2 seconds.	Press and hold 16/67/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.
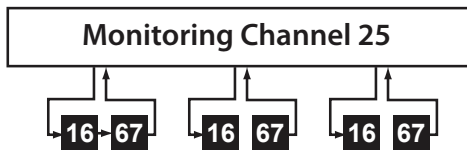
How it Works?

Normal Mode Operation

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

Normal mode with Triple Watch or Dual Watch

If you activate Triple Watch while operating in Normal mode, the radio checks channels 16 and 67 every two seconds; with Dual Watch turned on, the radio checks Instant channel every two seconds. The radio will not check channels 16 or 67 while you are actively transmitting; it waits until your transmission is finished and then checks the channels.
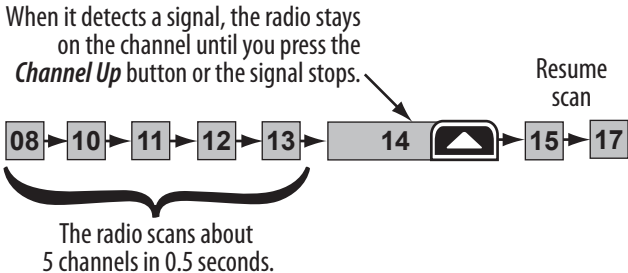
Example:

Monitoring Channel 25

16 **67**   **16** **67**   **16** **67**

Every 2 seconds, the radio checks channels 16 & 67.
Triple Watch on

How it Works?

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.

When it detects a signal, the radio stays on the channel until you press the *Channel Up* button or the signal stops.

Resume scan

08 → 10 → 11 → 12 → 13 → 14 → 15 → 17

The radio scans about 5 channels in 0.5 seconds.

Using the radio in Scan Mode

- To activate Scan mode, press SCAN/MEM.
- You must have at least two channels in memory to start a scan. However, you cannot save marine channel 70 or Weather channels.
- You cannot transmit while in Scan mode.
- To save a channel into memory, select the channel, then press and hold SCAN/MEM. The MEM icon 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 Channel Up to leave that channel and resume scanning.
- To end the scan, press the SCAN/MEM button again; the radio remains on the last scanned channel.

How it Works?

Scan mode with Triple Watch or Dual Watch

If you activate Triple Watch while operating in Scan mode, the radio checks channels 16 and 67 every two seconds, then goes on to scan the next channel; with Dual Watch turned on, the radio checks Instant channel every two seconds.

Memory Channel Scan

08 – **10** – **11** – **12** **13** – **14** – **15** – **17** – **20** – **24** – **25**

Every 2 seconds, the radio checks channels 16 & 67, then scans the next channel.

16 – **67**

Triple Watch on
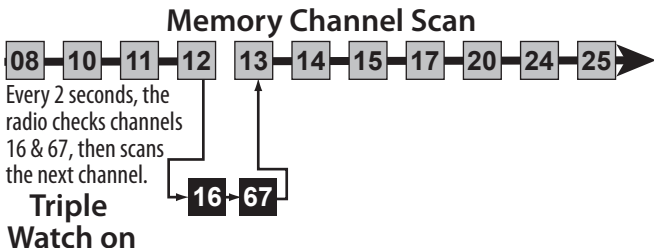
Weather Mode

In Weather mode, the radio monitors one of the five weather channels.

Using the radio in Weather Mode

Press the WX/SOS button to access Weather mode. WX displays. Press Channel Up and Channel Down to scroll through the weather channels. To cancel Weather and return to the previous marine channel, press the WX/SOS button again. The last active weather channel displays the next time you access Weather mode.

INSTANT Channel Feature

Allows you to store one channel to the Instant key for one-touch access.

To program the Instant Channel:
Press and hold [INST] for 2 seconds to program the current channel as the Instant CH. Note: there is no INST icon.

To use the Instant Feature:
Press [INST] to toggle between the Instant Channel and the current channel.

Setting up the Hardware

Attaching the Antenna

The antenna detaches from the radio for easy shipping or storage. To attach the antenna to your radio, screw it tightly onto the anchor post at the top of the radio.
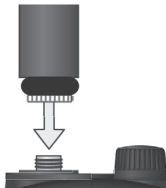
Installing the Battery

Your radio comes with a rechargeable Li-Ion Polymer battery; for shipping safety, the battery is not installed at the factory. The empty alkaline battery tray is installed as a placeholder.

1. Insert the tabs on the battery into the notches at the top of the battery compartment.
2. Lower the battery until it rests flat in the compartment.
3. Bring the battery latch up and snap it into place.

> ⚠ **NOTE** Each time you remove the battery, 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 front cover page for contact information).

Using the Alkaline Battery Tray

The radio also comes with an alkaline battery tray that holds four AAA-type alkaline batteries (not included). You can use alkaline batteries as a backup for the Li-Ion Polymer battery so you can still use your radio while your Li-Ion Polymer battery is recharging.

CAUTION: If you are using your radio in a cold-weather environment, Uniden recommends using nonrechargeable Lithium batteries.

> ⚠ **NOTE** When using alkaline batteries, transmit power is limited to a maximum of 2.5W.

Setting up the Hardware

Follow these steps to use the alkaline battery tray:

1. Hold the lower part of the tray in one hand with the three battery contacts facing down. Use your thumb to hold the notch on the lower part of the tray.
2. With your other hand, grip the upper part of the tray and lift the cover open.
3. Align the batteries' positive and negative terminals with the drawing on the tray and snap each battery into place.
4. Insert the two hooks on the lower part of the tray into the notches on the cover; close the cover. (The cover fits snugly but you should not have to force it closed.)
5. Install the alkaline battery tray in your radio just as you do the Li-Ion Polymer battery (see page 16).
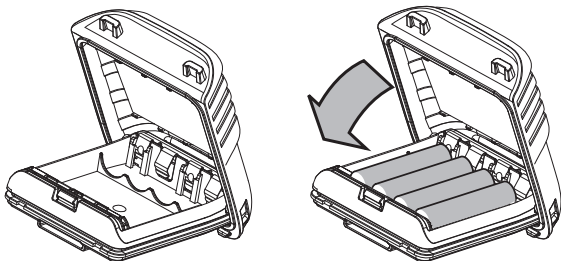
WARNING! The tray is designed to prevent the accidental charging of alkaline batteries. Never use alkaline batteries in the radio without the alkaline battery tray. Do not attempt to modify the battery tray design.

NOTE

Mounting 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 3mm (1/8-inch) drill bit, drill two holes 13mm (1/2 inch) deep.
3. Use the provided screws to attach the charger to the surface.
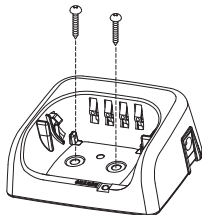
Setting up the Hardware

Charging the Battery

Your radio includes a charger and a rechargeable battery pack. 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 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 our Customer Care Line.

- 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 0° C (32° F) or above 45° C (113° F).

- 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.)

Attaching the Belt Clip

To attach the belt clip:

1. Rotate the belt clip so that the finger indentation is towards the top of the radio.
2. Align the center of the clip with the anchor post.
3. Place the clip on the post and slide the clip upwards until it clicks into place.

To remove the belt clip:

1. Rotate the clip so that the finger indentation is towards the bottom of the radio.
2. Slide the clip up until it comes free of the anchor post.

Using Your Radio

Turning It On

Press and hold POWER for at least two seconds to turn the radio on. Press and hold POWER again to turn the unit off.

Setting It Up

Even though you can change your radio's settings at anytime, you will probably want to establish initial settings after you have turned it on for the first time. You will adjust some of these settings on an as-needed basis, but some settings might only need to be set once.

Changing the Volume

To change the speaker volume, press VOL/TX PWR to enter Volume Setting mode. 0 (for volume level 0 - 9) displays. Press CHANNEL UP or CHANNEL DOWN to increase or decrease the volume levels. Press VOL/TX PWR to save.

Setting the Squelch level

The MHS127 recognizes signals as transmissions if they exceed a signal strength threshold.
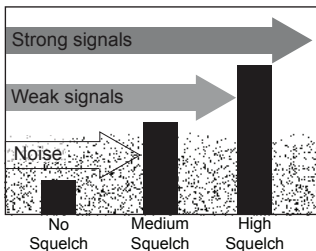
Adjusting the squelch sets this threshold level. Increasing squelch requires a signal to be stronger to be seen as a transmission. If you set the squelch too high, you will risk not receiving transmissions that are lower than that threshold. Reducing the squelch allows weaker signals to be accepted. However, if you lower the squelch too much, you will hear white noise all the time

While listening to a channel, press SQL/UIC to enter Squelch Setting mode. The SQUELCH Level (S0) number displays on the LCD. Press CHANNEL UP or CHANNEL DOWN to increase or decrease the squelch levels (0 - 3). Press SQL/UIC to save the setting.

Using Your Radio

Reading volume and squelch level on battery icon

When you adjust the volume or squelch levels, the 4 bars on the battery icon display according to the volume and squelch levels. For example, two bars display for VOL levels 3 and 4, and Squelch level 2.

SQ Level
(0 - 3)

VOL
Level
(0 - 9)

7 - 9
5 - 6
3 - 4
1 - 2

3
2
1

0
No bars

Squelch
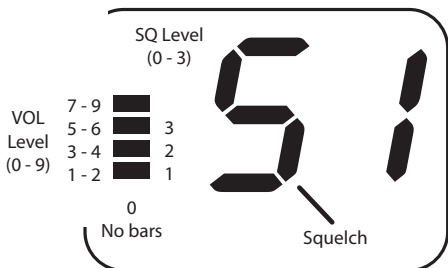
Setting the UIC channel mode (USA/CAN/INT)

You can select marine channels for the USA, Canada, or International waters. Press and hold SQL/UIC to scroll through USA, CANada, or INTernational channel options.

Making a Transmission

Selecting a channel

Press Channel Up and Channel Down briefly to scroll through the channels one channel at a time. Press and hold Channel Up or Channel Down to quickly scroll through the channels.

Making a Transmission

Press and hold Push to Talk.TX displays while you are transmitting. Release Push to Talk when you're finished talking to let the other party respond.

- To prevent stuck microphone problems or situations where Push to Talk 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.

Using Your Radio

- Some marine channels and Weather mode channels are Receive Only. See page 28 for a list of receive-only channels.

⚠ NOTE	There is a 5 minute limit for continuous transmission. After 5 minutes the unit goes into a PTT error condition; the timeout tone sounds, TX displays, and the channel indicators blink.

Boosting the transmission power

In most situations, 1W 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 from 1W to 2.5W (Alkaline Battery) or 5W (Li-ion Battery).

⚠ NOTE	Alkaline battery boost is limited to 2.5W. Some Channels are 1W only and do not have power override capability. See page 28 for a list of power-restricted channels.

1. Select the channel you want to transmit on.
2. Press and hold TX PWR button to switch to the next transmission power level (for example, from 5W to 2.5W; from 2.5W to 1W, or from 1W back to 5W).
3. The display shows the new transmission power. The transmit power remains at the new setting until you change it again.

Some channels limit the transmission power to 1W. When you tune to a limited power channel, the radio automatically switches to 1W.

See page 28 for a list of power-restricted channels.

Saving Channels to Memory

If you find a channel you like and want to listen to it again, save it to memory. Press and hold SCAN/MEM; the active channel is stored in memory and MEM displays. Press SCAN/MEM to scan the channels in memory.

⚠ NOTE	You must have at least 2 channels in memory in order to use Scan mode. Channel 70 cannot be stored into memory.

Press and hold SCAN/MEM again to remove the channel from memory.

Using Your Radio

Special Features
Using the Strobe SOS Light/Flashlight

You can use this radio in an emergency. If you turn on the strobe SOS high-intensity LED light on your radio, your radio will blink "S O S" in international Morse Code. This will make it easier for rescuers to find you faster.

> ⚠ **NOTE**   Your radio operates normally when the SOS LED strobe is activated.

With the SOS LED in this state	Do this	For this
OFF	Press and hold WX/ SOS for 2 seconds.	SOS LED signals SOS in Morse code.
SOS	Press and hold WX/ SOS for 2 seconds.	SOS LED remains on continuously. (Flashlight mode)
Continuous	Press and hold WX/ SOS for 2 seconds.	SOS LED turns off.

Turning the key beep on and off

Key beep is the tone that sounds when you press a key or a button. You cannot change the key beep volume.

To turn key beep on or off, press and hold Channel up or Channel down while turning on the radio. You may need to turn off the radio first.

Setting Key Lock

You can lock and unlock the keypad by pressing and holding DUAL/LOCK. If Key Lock is on, only PTT, Boost, and power on/off will operate. Key Lock remains in memory when the radio is turned off.

Using Your Radio

Using the external speaker/Mic jack

You can connect an optional external speaker-mic to this watertight jack. Unscrew the cap, which is held by the rubber cap-keeper to prevent loss. Insert the special gasketed plug and screw down the shell, which prevents water from entering the jack.

For details, consult your dealer or contact Uniden Customer Care directly (see front cover for contact information).

Using the Battery Save feature

The Battery Save feature automatically turns off receive power at regular intervals to save battery power. Battery Save turns off when receiving transmissions or transmitting a response. It reactivates after 3 seconds of no activity (transmit or receive).

> ⚠️ **NOTE**
> Battery Save does not work while in Scan mode or in Triple/ Dual watch.

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.

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 0° C (32° F) or above 45° C (113° F). • Make sure the charging contacts on the radio and charger are clean. • Replace the battery.
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 28). • 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.
The sound is muffled or the volume is low.	Clear water from the speaker grill.
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?

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, Triple Watch, or Dual Watch (see page 12).
Where can I find my radio's serial number?	The serial number is on a plate inside the battery compartment.

Specifications

General	
Channels	All US/International/Canada marine channels
	5 Weather channels
Freq. Control	PLL
Freq. Tol.	Transmit: 0.5 PPM (at 25°C) nominal
	Receive: 0.5 PPM (at 25°C) nominal
Oper. Temp.	-4°F (-20°C) to +122°F(+50°C)
Antenna	Flexible Whip
Microphone	Built-in Electret type
Display	Liquid Crystal Display
Speaker	8Ω 1.0 Watt
Power Source	Rechargeable Lithium Ion Battery 7.4V 1160 mAh
Size (without antenna)	5.95 (H) x 2.40 (W) x 1.69 (D) inch 142 (H) x 61 (W) x 43 (D) mm
Weight	9.9 oz (281g) (w/battery and antenna)
Transmitter	
Frequency Range	156~158 MHz
Frequency Stability	±3 PPM (nominal)
Power Output	1.0 W & 2.5W & 5W
Spurious Emissions	50 dBm
Current Drain	1300 mA (5W) nominal
Receiver	
Type	Double Conversion Super Heterodyne
	Phase Locked Loop system for Local Oscillator
Frequency Range	156~164 MHz
Sensitivity	0.22 µV for 12dB SINAD (nominal)

Squelch Sensitivity	Threshold 0.18 µV (nominal)
Audio Frequency Response	+5.0 dB @ 500 Hz; -6 dB @ 2000Hz (nominal)
Adjacent Channel Selectivity	80 dB @ ±25 kHz (nominal)
Audio Output Power	1.0 W @10% THD (nominal)
Current Drain	Squelched: 38 mA; Max. Audio: 230 mA (nominal)

Channels and Frequencies (MHz)

US Channel Frequencies and Names

Ch	RX Freq	TX Freq	Status	Name

Ch	RX Freq	TX Freq	Status	Name
US Marine Channels				
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
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
70	156.525	Inhibit	Receive only	Digital Selective Calling
71	156.575	156.575	Simplex	Non Commercial

			US Marine Channels	
Ch	**RX Freq**	**TX Freq**	**Status**	**Name**
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

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

Canadian Marine Channels			
Ch	RX Freq	TX Freq	Status	Name
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
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

Ch	RX Freq	TX Freq	Status	Name
International Marine Channels				
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
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

International Marine Channels				
Ch	RX Freq	TX Freq	Status	Name
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
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

Regulations and Safety Warnings

Lithium-Ion Polymer Battery Warning

This equipment contains a rechargeable Lithium-Ion Polymer battery. The rechargeable Lithium-Ion Polymer 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 Polymer 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.

Warranty

UNIDEN MHS127 Handheld VHF Marine Transceiver

IMPORTANT: Satisfactory evidence of the original purchase is required for warranty service

Please refer to our Uniden website for any details or warranty durations offered in addition to those contained below.

Warrantor: The warrantor is either Uniden Australia Pty Limited ABN 58 001 865 498 ("Uniden Aust") or Uniden New Zealand Limited ("Uniden NZ") as the case may be.

Terms of Warranty: Uniden Aust/NZ warrants to the original retail purchaser only that the MHS127 ("the Product"), will be free from defects in materials and craftsmanship for the duration of the warranty period, subject to the limitations and exclusions set out below.

Warranty period: This warranty to the original retail purchaser is only valid in the original country of purchase for a Product first purchased either in Australia or New Zealand and will expire three (3) years from the date of the original retail sale.

If a warranty claim is made, this warranty will not apply if the Product is found by Uniden to be:

(A)   Damaged or not maintained in a reasonable manner or as recommended in the relevant Uniden Owner's Manual;
(B)   Modified, altered or used as part of any conversion kits, subassemblies or any configurations not sold by Uniden Aust or Uniden NZ;
(C)   Improperly installed contrary to instructions contained in the relevant Owner's Manual
(D)   Repaired by someone other than an authorized Uniden Repair Agent in relation to a defect or malfunction covered by this warranty; or
(E)   Used in conjunction with any equipment, parts or a system not manufactured by Uniden.

Parts Covered: This warranty covers the Product and included accessories.

User-generated Data: This warranty does not cover any claimed loss of or damage to user-generated data (including but without limitation phone numbers, addresses and images) that may be stored on your Product.

Statement of Remedy: If the Product is found not to conform to this warranty as stated above, the Warrantor, at its discretion, will either repair the defect or replace the Product without any charge for parts or service. This warranty does not include any reimbursement or payment of any consequential damages claimed to arise from a Product's failure to comply with the warranty.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

This warranty is in addition to and sits alongside your rights under either the COMPETITION AND CONSUMER ACT 2010 (Australia) or the CONSUMER GUARANTEES ACT (New Zealand) as the case may be, none of which can be excluded.

Procedure for obtaining warranty service: Depending on the country in which the Product was first purchased, if you believe that your Product does not conform with this warranty, you should deliver the Product, together with satisfactory evidence of your original purchase (such as a legible copy of the sales docket) to Uniden at the addresses shown below. You should contact Uniden regarding any compensation that may be payable for your expenses incurred in making a warranty claim. Prior to delivery, we recommend that you make a backup copy of any phone numbers, images or other data stored on your Product, in case it is lost or damaged during warranty service.

UNIDEN AUSTRALIA PTY LTD
Service Division
345 Princes Highway,
Rockdale, NSW 2216
Phone: 1300 366 895
Email: custservice@uniden.com.au

UNIDEN NEW ZEALAND LTD
Service Division
150 Harris Road, East Tamaki
Auckland 2013
Phone: (09) 273 8377
Email: service@uniden.co.nz

Uniden®