# Uniden®

# VOYAGER



owner's manual

**www.uniden.com**

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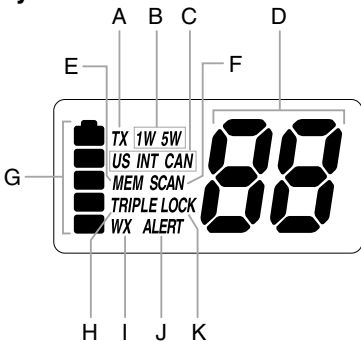
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# Warning!

- The **VOYAGER** is waterproof only when both the antenna and the battery are properly attached.
- Do not operate the transmitter of any radio equipment unless all the Radio Frequency (RF) connectors are secure and any open connectors are properly terminated.
- Do not operate the transmitter of any radio equipment near electrical blasting caps or in an explosive atmosphere.
- Do not let children operate any transmitter-equipped radio equipment without proper supervision.
- Have your radio equipment serviced by a qualified technician.
- Do not operate the transmitter of any radio equipment with the antenna touching or close to the eyes, face, or exposed body parts.

## Lithium Ion Battery Pack Warning

- This equipment contains a Lithium Ion Battery Pack.
- Lithium is a chemical known to the State of California to cause cancer.
- The Lithium Ion Battery Pack contained in this equipment may explode if disposed of in a fire.
- Do not short-circuit the Battery Pack.
- Do not charge the Lithium Ion Battery Pack used in this equipment in any charger other than the one designed to charge this Battery Pack. Using another charger may damage the Battery Pack or cause the Battery Pack to explode.
- Lithium Ion batteries must be disposed of properly.
- Avoid exposing the Lithium Ion Battery, attached or unattached to the radio, in direct sunshine, heated cars, or in areas with temperatures below -20° C (-4° F) or above +60° C (+140° F). Exposing the chemicals contained within the battery pack to temperatures above +60° C (+140° F) may cause the battery to rupture, fail or reduce performance.

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

> ⚠ 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.

# Introduction

The **VOYAGER** is a 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 **VOYAGER's** features, please read this operating guide carefully before using the unit.

## Features

- Waterproof (meets JIS7 waterproof specifications)
- Triple Watch Mode
- Priority Channel Startup (Channel 16)
- Programmable Memory
- One-Touch Channel 16/9
- 10 Weather Channels
- Weather Alert
- NWR-SAME Alert
- Programmable FIPS Code
- Memory Scan
- USA, International and Canadian Channels
- Table-Top Drop-In Charger (can also be wall-mounted)
- Rechargeable Lithium Ion Battery Pack
- Battery Save Operation
- Key Lock
- Back-Lit Keys and Display
- Belt Clip
- Wrist Strap
- TX Power 1W/5W

## Technical Support and Service

Your Uniden dealer can provide you with sales assistance and information. If your marine radio does not perform properly, follow the troubleshooting tips in the back of this operating guide.
For technical support contact Uniden at 1-800-586-0409. The radio contains no user-serviceable parts.
Unauthorized adjustment will void the warranty and may cause illegal radio operation.
Be sure that a qualified technician services your radio equipment.

> **Caution:** Changes or modifications to this product not expressly approved by Uniden, or operation of this product in any way other than as detailed by this Operating Guide, can void your authority to operate this product.

## Maritime Radio Services Operation

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 in these frequencies without proper authorization is strictly forbidden. For frequencies/channels that are currently for use in the world see page 23~28. Please contact the FCC Call Center at 1-888-CALL-FCC for any additional channel information.
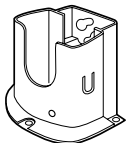
# Included in your Package

VOYAGER

AC Adapter
(AD-510)

Antenna
(HH9408)

DC Adapter

Drop-in Charger
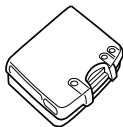
Lithium Battery
(Voyager BP)

Beltclip

Wrist Strap

Mounting Screws
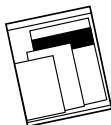
Reference Guide/
Printed Material

If any of these items are missing from the box, contact your Uniden
Dealer or the Uniden Parts Department at (800)-554-3988.

## Mounting the Drop-in Charger

**1** Mount the drop-in charger to either a counter or wall.

To counter:
Attach the drop-in charger using the
mounting screws and washers as follows.
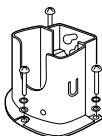
To wall:
Insert the two mounting screws into the
wall keeping the same space as the holes
on the charger.
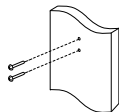
Place the charger with the
screws through the larger holes
then turn the charger.
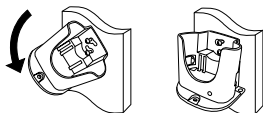
**2** Plug one end of the AC adapter into the wall
outlet and the other end into the drop-in
charger.

When you mount the drop-in charger on
your boat, use the DC adapter instead.
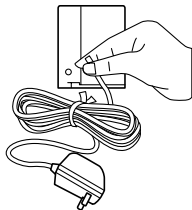
## Attaching the Antenna

Attach the antenna to the **VOYAGER**.
Be sure the antenna is firmly seated.

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## Attaching the Battery Pack

**1** Place the battery pack onto the back of the radio. It will only fit in one way.

**2** Snap the battery release clip until it clicks. Be sure the battery pack fits tightly against the **VOYAGER's** body.
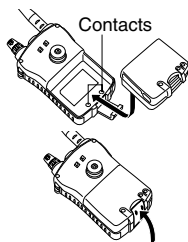
## Attaching the Beltclip

**1** Hold the beltclip in the direction as follows.

**2** Apply it to the hanger piece on the back of the radio. Then slid it up.

**3** You will hear a click. The beltclip is firmly attached.

**4** To take the beltclip off the radio, turn it and slid it up.
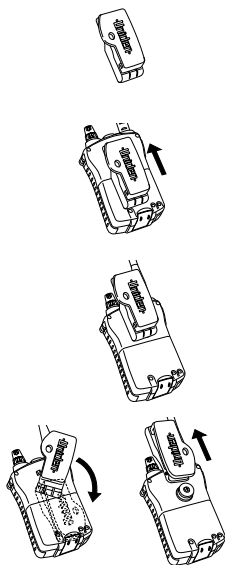
## Charging the Battery Pack

Your marine radio is powered by a specially designed Lithium Ion battery pack.

• Before operating the **VOYAGER**, charge the Lithium Ion battery pack for 4 hours *without interruption* in the drop-in charger.

**1** Place the **VOYAGER** in the drop-in charger.
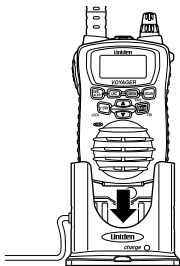
**2** The red LED illuminates and stays On.
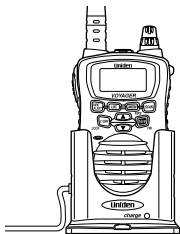
• The charger won't overcharge the battery pack. When charging is completed, the charge LED is no longer illuminated.
• **Do not transmit when the VOYAGER is in the drop-in charger!**
• You can monitor incoming calls while the **VOYAGER** is in the drop-in charger.

# Operation

- See "Controls and Indicators" (page. 2) for button, knob, and key positions.
- When you turn On your **VOYAGER**, it is automatically tuned to channel 16, the United States Coast Guard frequency for distress, safety, and calling.
- When you press any key (except **PTT**), a short tone sounds.

## Turning On the Unit and Setting Squelch

**1** Before you turn On the unit, turn the **Squelch** knob fully counterclockwise.

**2** Then, turn On the unit by turning the **Volume/Power** knob clockwise until you hear a hissing sound.

**3** Turn the **Squelch** knob clockwise, just until the hissing sound stops. Use the knob to adjust to the desired squelch level. Think of the squelch control as a frequency gate which controls access to weak or strong signals depending on its setting.

Strong Signals

Medium Signals

Weak Signals

Noise

- To listen to a weak or distant station, turn the knob counterclockwise. If reception is poor, turn it clockwise to cut out weak transmissions.

- If the squelch control is adjusted so you continually hear a hissing sound, the unit will not scan properly.

**4** To turn Off the unit, turn the **Volume/Power** knob counterclockwise until it clicks.
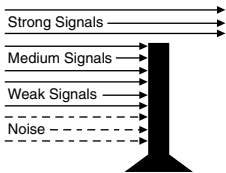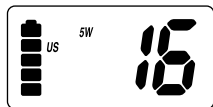
## Selecting a Channel

**1** Turn On your **VOYAGER**.

**2** To select a higher channel,
press the ▲ button.

**3** To select a lower channel,
press the ▼ button.

• To change the channel continuously,
press and hold the ▲ or ▼ button for
more than 1 second.
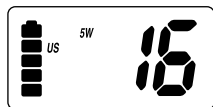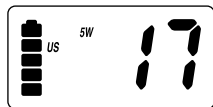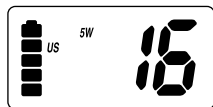
## One-touch Channel 16/9/TRI

**Example:** While you are monitoring channel 20, you want to check
channel 16 or channel 9.

**1** You are now on channel 20.

**2** To monitor channel 16, press the
*16/9/TRI* button.

**3** To monitor channel 9, press the
*16/9/TRI* button again.

**4** To return to channel 20, press the
*16/9/TRI* button again.

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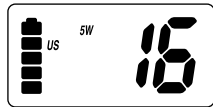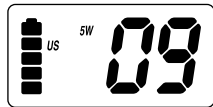
## Triple Watch

Triple Watch mode monitors channels 16 and 9 for a signal while you listen to the currently selected channel. The marine radio checks channel 16 and 9 for activity every 2 seconds.

**1** To select Triple Watch mode, press and hold the *16/9/TRI* button for 1.5 seconds. A double confirmation tone sounds.
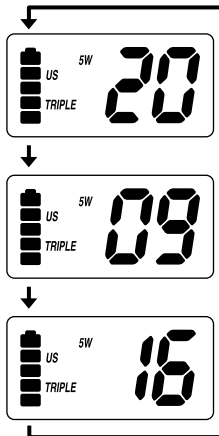
**2** To exit from Triple Watch, press and hold *16/9/TRI* for 1.5 seconds. A double confirmation tone sounds.

- While in Triple Watch mode, you can change the currently selected channel using the ▲ or ▼ button.

- A momentary press of the *16/9/TRI* button interrupts Triple Watch mode and remains on 16, or on channel 9 if you press once more. To return to the previous mode, simply press the button again.

## Monitoring Weather Channels

The **VOYAGER** has 10 preprogrammed weather channel frequencies, represented by 0 through 9.

**1** To listen to the weather channels in your area, press *WX/ALERT*. ⊔⊼ appears on the display.
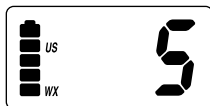
**2** To move up, press the ▲ button.

**3** To move down, press the ▼ button.

**4** To exit, press *WX/ALERT*. ⊔⊼ disappears from the display.

• To change the channel continuously, press and hold the ▲ or ▼ button for more than 1 second.

## Weather Alert

Weather Alert allows your **VOYAGER** to function as a severe weather warning radio. If the NOAA issues a severe weather warning while the Weather Alert is turned On, the **VOYAGER** sounds an alert tone. You will then hear the emergency weather broadcast.

**1** To use Weather Alert, select the weather channel in your area.

**2** Press and hold *WX/ALERT* for 1.5 seconds. A double confirmation tone sounds.
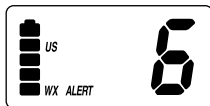
**3** When the unit receives a warning signal, it beeps for 5 seconds. WX, ALERT, and the channel number blink.
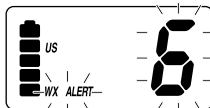
**4** To turn Off Weather Alert, press and hold *WX/ALERT* for 1.5 seconds. A double confirmation tone sounds.

• When Weather Alert is activated, the highest priority is given this function. If the unit is in Scan, Triple Watch, or any other marine channels, it checks the weather alert signals every 7 seconds and switches to the warning receive mode automatically.

## NWR-SAME Alert

In addition to the conventional Weather Alert, your **VOYAGER** is compatible with NWR-SAME Weather Alert.

Specific Area Message Encoding (S.A.M.E.) are NOAA's coded emergency weather signals that identify a specific geographic area affected by an emergency. The **VOYAGER** receives the emergency weather alert.

The unit changes its alert beep tone according to the level of severity.

**1** To use NWR-SAME Alert, select the weather channel in your area.

**2** Press and hold the *WX/ALERT* button for 1.5 seconds to activate this feature.

**3** When the unit receives a warning signal, it sounds a tone defined by severity. ⊔⋈ and ⅁⌶⌇⌶⊓⊤ start blinking.
The channel indicator displays the weather channel number and the severity level alternately.
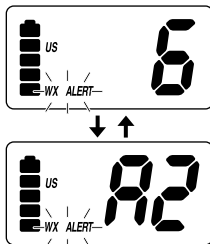
**NWR-SAME Alert Level**
A1: Warning    A3: Statement
A2: Watch      A4: Test

**4** To turn Off NWR-SAME Alert, press and hold the *WX/ALERT* button for 1.5 seconds.

• This feature is effective in the weather channel mode only.

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## Registering FIPS Code

Six digit FIPS Codes are programmable in 15 channels, number 1~15 for NWR-SAME Weather Alert. If there is no data registered in location number 1, all of the signals are decoded. Contact the National Weather Service at 1-888-NWR-SAME for the FIPS Codes in the area of interest, or visit http://www.nws.noaa.gov/nwr/indexnw.htm

**1** Press and hold the *MEM/FIPS* key for 1.5 seconds.

**2** Select the channel, numbers 1~15, you want to program using the ▲ or ▼ key.
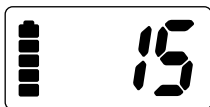
**3** Press the *MEM/FIPS* key to enter the FIPS Code edit mode.

**4** To enter the first digit of the code, change the left blinking digit on the display using the ▲ or ▼ key and press the *MEM/FIPS* key. The right digit starts to blink.
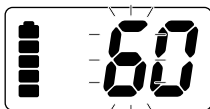
**5** To enter the second digit of the code, change the right blinking digit on the display using the ▲ or ▼ key and press the *MEM/FIPS* key.
The entered digit moves to the left and the right digit starts to blink.
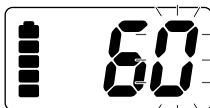
**6** Repeat step 5 for the remaining digits of the code.

**7** After the last digit registers, the entered code appears on the display automatically for confirmation.

**8** To exit from this mode, press and hold the *MEM/FIPS* key for 1.5 seconds.

**9** Press *UIC* to clear the stored FIPS Code in the displayed location.

• Pressing the *MEM/FIPS* key for more than 1.5 seconds in the middle of the above steps prevents registration.

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## USA, International and Canadian Channels

**1** The **VOYAGER** is initially set for USA marine channels when you turn On your radio.

**2** To listen to international marine channels, press *UIC* once.

**3** To listen to Canadian marine channels, press *UIC* again.

**4** The radio will keep the last mode setting that was selected when turned back On.

- For USA, international and Canadian marine channels and functions, refer to the tables starting on page 23.
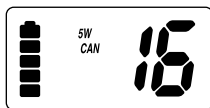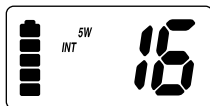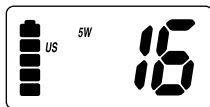
## Programming a Channel into Memory

Before using the scanning feature, you have to program channels into memory.

**1** Select the channel to enter into memory by pressing the ▲ or ▼ button.

**2** Press the *MEM/FIPS* button to store the channel.
MEM appears on the display.
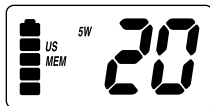
## Deleting a Channel from Memory

**1** Select the channel to delete from memory by pressing the ▲ or ▼ button.

**2** Press the *MEM/FIPS* button. MEM disappears from the display.
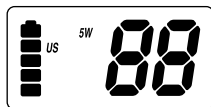
## Scanning

**1** To begin scanning the programmed channels, press the *SCAN* button. SCAN and TRIPLE appear on the display.

**2** To stop scanning, press the *SCAN* button once more. SCAN and TRIPLE disappear from the display.
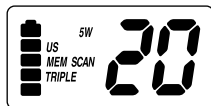
• Scanning starts from the lowest to highest channel and stops when it finds an active channel. It remains on that channel until the transmission ends, then resumes scanning after a 3 second delay period.

• When in the scan mode, the unit automatically activates the Triple Watch feature. To deactivate Triple Watch from the scanning mode, press and hold the *16/9/TRI* button for 2 seconds. TRIPLE disappears from the display.

## Transmitting

**1** Transmission power can be set to either
5W or 1W.
Press the *1/5W/LOCK* button to make
the change, then the 5W or the 1W
indicator on the display changes
accordingly.

**2** To transmit, press and hold the *PTT* key.
TX appears on the display.

**3** To return to receive, release the *PTT* key.
TX disappears from the display.

• If the *PTT* key is pressed for more than 5 minutes, TX starts
blinking and the transmission ends. The TX time out tone will
sound until the *PTT* key is released.

• If the battery indicator drops to the 1-mark level on the display,
when the *PTT* key is pressed, the radio will not transmit and the
TX icon starts blinking.
(Refer to the description of the Battery Indicator on the next
page.)

## Lighted Keys and Display

To light the display, press any key excluding the *PTT* key.

• If you press any button other than the *PTT* key while the display
and keypad are illuminated, it remains illuminated for another
5 seconds.

## Battery Indicator

When the unit is On, battery power is always indicated on the display.

When the battery is fully charged, the battery indicator appears as follows:
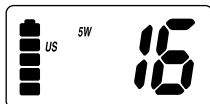
When the battery is nearly discharged, the battery indicator appears as follows:
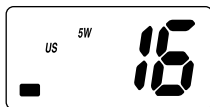
• When the battery indicator drops to the 1-mark level on the display, the radio will receive but will not transmit.

## Key Lock

To prevent accidental entries, you can lock the keypad.

**1** Press and hold the *1/5W/LOCK* key for 1.5 seconds. The unit will beep two times to confirm that the keypad is locked with LOCK indication on the display.

**2** To unlock the keypad, press and hold the *1/5W/LOCK* key again for 1.5 seconds. The unit will beep twice to confirm that the keypad is unlocked, and LOCK will disappear.

• You can also unlock the keypad by turning the radio Off and then On again.

# Marine Channels - USA

| Channel Desig | Frequency (MHz) Transmit | Frequency (MHz) Receive | Traffic Type | Note | Ship to Ship | Ship to Shore |
|---|---|---|---|---|---|---|
| WX0 | — | 163.275 | NOAA Weather | | RX Only | RX Only |
| WX1 | — | 162.550 | NOAA Weather | | RX Only | RX Only |
| WX2 | — | 162.400 | NOAA Weather | | RX Only | RX Only |
| WX3 | — | 162.475 | NOAA Weather | | RX Only | RX Only |
| WX4 | — | 162.425 | NOAA Weather | | RX Only | RX Only |
| WX5 | — | 162.450 | NOAA Weather | | RX Only | RX Only |
| WX6 | — | 162.500 | NOAA Weather | | RX Only | RX Only |
| WX7 | — | 162.525 | NOAA Weather | | RX Only | RX Only |
| WX8 | — | 161.650 | Can. Weather | | RX Only | RX Only |
| WX9 | — | 161.775 | Can. Weathe | | RX Only | RX Only |
| 01 | 156.050 | 156.050 | Com'l, Port Ops, VTS | | Yes | Yes |
| 02 | | | | | | |
| 03 | 156.150 | 156.150 | Com'l, Port Ops, VTS | | Yes | Yes |
| 04 | | | | | | |
| 05 | 156.250 | 156.250 | Port Ops, VTS | | Yes | Yes |
| 06 | 156.300 | 156.300 | Safety | | Yes | No |
| 07 | 156.350 | 156.350 | Com'l | | Yes | Yes |
| 08 | 156.400 | 156.400 | Com'l | | Yes | No |
| 09 | 156.450 | 156.450 | Com'l & Non Com'l | | Yes | Yes |
| 10 | 156.500 | 156.500 | Com'l | | Yes | Yes |
| 11 | 156.550 | 156.550 | Com'l, VTS, SMS | | Yes | Yes |
| 12 | 156.600 | 156.600 | Port Ops, VTS, SMS | | Yes | Yes |
| 13 | 156.650 | 156.650 | Navigational | 1W | Yes | No |
| 14 | 156.700 | 156.700 | Port Ops | | Yes | Yes |
| 15 | RX Only | 156.750 | Environmental | | | RX Only |
| 16 | 156.800 | 156.800 | Distress, Safety, Calling | | Yes | Yes |
| 17 | 156.850 | 156.850 | State Control | | Yes | Yes |
| 18 | 156.900 | 156.900 | Com'l | | Yes | Yes |
| 19 | 156.950 | 156.950 | Com'l | | Yes | Yes |
| 20 | 157.000 | 157.000 | Port Ops | | Yes | Yes |
| 21 | 157.050 | 157.050 | U.S. Govt Only | | Yes | Yes |
| 22 | 157.100 | 157.100 | Coast Guard | | Yes | Yes |
| 23 | 157.150 | 157.150 | U.S. Govt Only | | Yes | Yes |
| 24 | 157.200 | 161.800 | Public Corresp. | DUP | No | Yes |

| Channel Desig | Frequency (MHz) Transmit | Receive | Traffic Type | Note | Ship to Ship | Ship to Shore |
|---|---|---|---|---|---|---|
| 25 | 157.250 | 161.850 | Public Corresp. | DUP | No | Yes |
| 26 | 157.300 | 161.900 | Public Corresp. | DUP | No | Yes |
| 27 | 157.350 | 161.950 | Public Corresp. | DUP | No | Yes |
| 28 | 157.400 | 162.000 | Public Corresp. | DUP | No | Yes |
| 60 | | | | INH | | |
| 61 | 156.075 | 156.075 | | | | |
| 62 | | | | INH | | |
| 63 | 156.175 | 156.175 | | | | |
| 64 | 156.225 | 156.225 | | | | |
| 65 | 156.275 | 156.275 | Port Ops | | No | Yes |
| 66 | 156.325 | 156.325 | Port Ops | | Yes | Yes |
| 67 | 156.375 | 156.375 | Com'l | 1W | Yes | No |
| 68 | 156.425 | 156.425 | Non Com'l | | Yes | Yes |
| 69 | 156.475 | 156.475 | Non Com'l | | Yes | Yes |
| 70 | RX Only | 156.525 | | | | |
| 71 | 156.575 | 156.575 | Non Com'l | | Yes | Yes |
| 72 | 156.625 | 156.625 | Non Com'l | | Yes | No |
| 73 | 156.675 | 156.675 | Port Ops | | Yes | Yes |
| 74 | 156.725 | 156.725 | Port Ops | | Yes | Yes |
| 75 | 156.775 | 156.775 | Port Ops | 1W | Yes | Yes |
| 76 | 156.825 | 156.825 | Port Ops | 1W | Yes | Yes |
| 77 | 156.875 | 156.875 | Port Ops | | Yes | No |
| 78 | 156.925 | 156.925 | Non Com'l | | Yes | Yes |
| 79 | 156.975 | 156.975 | Com'l | | Yes | Yes |
| 80 | 157.025 | 157.025 | Com'l | | Yes | Yes |
| 81 | 157.075 | 157.075 | U.S. Govt Only | | Yes | Yes |
| 82 | 157.125 | 157.125 | U.S. Govt Only | | Yes | Yes |
| 83 | 157.175 | 157.175 | U.S. Govt Only | | Yes | Yes |
| 84 | 157.225 | 161.825 | Public Corresp. | DUP | No | Yes |
| 85 | 157.275 | 161.875 | Public Corresp. | DUP | No | Yes |
| 86 | 157.325 | 161.925 | Public Corresp. | DUP | No | Yes |
| 87 | 157.375 | 161.975 | Public Corresp. | DUP | No | Yes |
| 88 | 157.425 | 157.425 | Com'l | | Yes | No |

# Marine Channels - International

| Channel Desig | Frequency (MHz) Transmit | Receive | Traffic Type | Ship to Ship | Ship to Shore | Permanent Scan List |
|---|---|---|---|---|---|---|
| WX0 | — | 163.275 | NOAA Weather | RX Only | RX Only | Weather |
| WX1 | — | 162.550 | NOAA Weather | RX Only | RX Only | Weather |
| WX2 | — | 162.400 | NOAA Weather | RX Only | RX Only | Weather |
| WX3 | — | 162.475 | NOAA Weather | RX Only | RX Only | Weather |
| WX4 | — | 162.425 | NOAA Weather | RX Only | RX Only | Weather |
| WX5 | — | 162.450 | NOAA Weather | RX Only | RX Only | Weather |
| WX6 | — | 162.500 | NOAA Weather | RX Only | RX Only | Weather |
| WX7 | — | 162.525 | NOAA Weather | RX Only | RX Only | Weather |
| WX8 | — | 161.650 | Can. Weather | RX Only | RX Only | Weather |
| WX9 | — | 161.775 | Can. Weather | RX Only | RX Only | Weather |
| 01 | 156.050 | 160.650 | Duplex | Yes | Yes | |
| 02 | 156.100 | 160.700 | Duplex | Yes | Yes | |
| 03 | 156.150 | 160.750 | Duplex | Yes | Yes | |
| 04 | 156.200 | 160.800 | Duplex | Yes | Yes | |
| 05 | 156.250 | 160.850 | Duplex | Yes | Yes | |
| 06 | 156.300 | 156.300 | | Yes | No | |
| 07 | 156.350 | 160.950 | Duplex | Yes | Yes | |
| 08 | 156.400 | 156.400 | | Yes | No | |
| 09 | 156.450 | 156.450 | | Yes | Yes | Fish |
| 10 | 156.500 | 156.500 | | Yes | Yes | |
| 11 | 156.550 | 156.550 | | Yes | Yes | |
| 12 | 156.600 | 156.600 | | Yes | Yes | |
| 13 | 156.650 | 156.650 | | Yes | Yes | |
| 14 | 156.700 | 156.700 | | Yes | Yes | |
| 15 | 156.750 | 156.750 | | Yes | Yes | Environmental |
| 16 | 156.800 | 156.800 | | Yes | Yes | |
| 17 | 156.850 | 156.850 | | Yes | Yes | |
| 18 | 156.900 | 161.500 | Duplex | Yes | Yes | |
| 19 | 156.950 | 161.550 | Duplex | Yes | Yes | |
| 20 | 157.000 | 161.600 | Duplex | Yes | Yes | |
| 21 | 157.050 | 161.650 | Duplex | Yes | Yes | |
| 22 | 157.100 | 161.700 | Duplex | Yes | Yes | |
| 23 | 157.150 | 161.750 | Duplex | Yes | Yes | |
| 24 | 157.200 | 161.800 | Duplex | No | Yes | Busy Tel. |

| Channel Desig | Frequency (MHz) Transmit | Receive | Traffic Type | Ship to Ship | Ship to Shore | Permanent Scan List |
|---|---|---|---|---|---|---|
| 25 | 157.250 | 161.850 | Duplex | No | Yes | Busy Tel. |
| 26 | 157.300 | 161.900 | Duplex | No | Yes | Busy Tel. |
| 27 | 157.350 | 161.950 | Duplex | No | Yes | Busy Tel. |
| 28 | 157.400 | 162.000 | Duplex | No | Yes | Busy Tel. |
| 60 | 156.025 | 160.625 | Duplex | | | |
| 61 | 156.075 | 160.675 | Duplex | | | |
| 62 | 156.125 | 160.725 | Duplex | | | |
| 63 | 156.175 | 160.775 | Duplex | | | |
| 64 | 156.225 | 160.825 | Duplex | | | |
| 65 | 156.275 | 160.875 | Duplex | Yes | Yes | |
| 66 | 156.325 | 160.925 | Duplex | Yes | Yes | |
| 67 | 156.375 | 156.375 | | Yes | No | |
| 68 | 156.425 | 156.425 | | Yes | Yes | Fish |
| 69 | 156.475 | 156.475 | | Yes | Yes | Fish |
| 70 | RX Only | 156.525 | | | | |
| 71 | 156.575 | 156.575 | | Yes | Yes | Fish |
| 72 | 156.625 | 156.625 | | Yes | No | Fish |
| 73 | 156.675 | 156.675 | | Yes | Yes | |
| 74 | 156.725 | 156.725 | | Yes | Yes | |
| 75 | 156.775 | 156.775 | Port Ops, 1W | Yes | Yes | |
| 76 | 156.825 | 156.825 | Port Ops, 1W | Yes | Yes | |
| 77 | 156.875 | 156.875 | | Yes | No | |
| 78 | 156.925 | 161.525 | Duplex | Yes | Yes | |
| 79 | 156.975 | 161.575 | Duplex | Yes | Yes | |
| 80 | 157.025 | 161.625 | Duplex | Yes | Yes | |
| 81 | 157.075 | 161.675 | Duplex | Yes | Yes | Coast Guard |
| 82 | 157.125 | 161.725 | Duplex | Yes | Yes | |
| 83 | 157.175 | 161.775 | Duplex | Yes | Yes | Coast Guard |
| 84 | 157.225 | 161.825 | Duplex | No | Yes | Busy Tel. |
| 85 | 157.275 | 161.875 | Duplex | No | Yes | Busy Tel. |
| 86 | 157.325 | 161.925 | Duplex | No | Yes | Busy Tel. |
| 87 | 157.375 | 161.975 | Duplex | No | Yes | Busy Tel. |
| 88 | 157.425 | 162.025 | Duplex | Yes | No | Busy Tel. |

# Marine Channels - Canada

| Channel Desig | Frequency (MHz) Transmit | Frequency (MHz) Receive | Traffic Type | Ship to Ship | Ship to Shore | Permanent Scan List |
|---------|----------|---------|--------------|--------------|---------------|---------------------|
| WX0 | — | 163.275 | NOAA Weather | RX Only | RX Only | |
| WX1 | — | 162.550 | NOAA Weather | RX Only | RX Only | |
| WX2 | — | 162.400 | NOAA Weather | RX Only | RX Only | |
| WX3 | — | 162.475 | NOAA Weather | RX Only | RX Only | |
| WX4 | — | 162.425 | NOAA Weather | RX Only | RX Only | |
| WX5 | — | 162.450 | NOAA Weather | RX Only | RX Only | |
| WX6 | — | 162.500 | NOAA Weather | RX Only | RX Only | |
| WX7 | — | 162.525 | NOAA Weather | RX Only | RX Only | |
| WX8 | — | 161.650 | Can. Weather | RX Only | RX Only | |
| WX9 | — | 161.775 | Can. Weather | RX Only | RX Only | |
| 01 | 156.050 | 160.650 | Duplex | Yes | Yes | |
| 02 | 156.100 | 160.700 | Duplex | Yes | Yes | |
| 03 | 156.150 | 160.750 | Duplex | Yes | Yes | |
| 04 | 156.200 | 156.200 | | Yes | Yes | |
| 05 | 156.250 | 156.250 | | Yes | Yes | |
| 06 | 156.300 | 156.300 | | Yes | No | |
| 07 | 156.350 | 156.350 | | Yes | Yes | |
| 08 | 156.400 | 156.400 | | Yes | No | |
| 09 | 156.450 | 156.450 | | Yes | Yes | Fish |
| 10 | 156.500 | 156.500 | | Yes | Yes | |
| 11 | 156.550 | 156.550 | | Yes | Yes | |
| 12 | 156.600 | 156.600 | | Yes | Yes | |
| 13 | 156.650 | 156.650 | 1W | Yes | Yes | |
| 14 | 156.700 | 156.700 | | Yes | Yes | |
| 15 | 156.750 | 156.750 | 1W | Yes | Yes | Environmental |
| 16 | 156.800 | 156.800 | | Yes | Yes | |
| 17 | 156.850 | 156.850 | 1W | Yes | Yes | |
| 18 | 156.900 | 156.900 | | Yes | Yes | |
| 19 | 156.950 | 156.950 | | Yes | Yes | |
| 20 | 157.000 | 161.600 | Duplex, 1W | Yes | Yes | |
| 21 | 157.050 | 157.050 | | Yes | Yes | |
| 22 | 157.100 | 157.100 | | Yes | Yes | |
| 23 | 157.150 | 161.750 | Duplex | Yes | Yes | |
| 24 | 157.200 | 161.800 | Duplex | No | Yes | Busy Tel. |

| Channel Desig | Frequency (MHz) Transmit | Receive | Traffic Type | Ship to Ship | Ship to Shore | Permanent Scan List |
|---|---|---|---|---|---|---|
| 25 | 157.250 | 161.850 | Duplex | No | Yes | Busy Tel. |
| 26 | 157.300 | 161.900 | Duplex | No | Yes | Busy Tel. |
| 27 | 157.350 | 161.950 | Duplex | No | Yes | Busy Tel. |
| 28 | 157.400 | 162.000 | Duplex | No | Yes | Busy Tel. |
| 60 | 156.025 | 160.625 | Duplex | | | |
| 61 | 156.075 | 156.075 | | | | |
| 62 | 156.125 | 156.125 | | | | |
| 63 | | | INH | | | |
| 64 | 156.225 | 156.225 | | | | |
| 65 | 156.275 | 156.275 | | Yes | Yes | |
| 66 | 156.325 | 156.325 | | Yes | Yes | |
| 67 | 156.375 | 156.375 | | Yes | No | |
| 68 | 156.425 | 156.425 | | Yes | Yes | Fish |
| 69 | 156.475 | 156.475 | | Yes | Yes | Fish |
| 70 | RX Only | 156.525 | | | | |
| 71 | 156.575 | 156.575 | | Yes | Yes | Fish |
| 72 | 156.625 | 156.625 | | Yes | No | Fish |
| 73 | 156.675 | 156.675 | | Yes | Yes | |
| 74 | 156.725 | 156.725 | | Yes | Yes | |
| 75 | 156.775 | 156.775 | Port Ops, 1W | Yes | Yes | |
| 76 | 156.825 | 156.825 | Port Ops, 1W | Yes | Yes | |
| 77 | 156.875 | 156.875 | | Yes | No | |
| 78 | 156.925 | 156.925 | | Yes | Yes | |
| 79 | 156.975 | 156.975 | | Yes | Yes | |
| 80 | 157.025 | 157.025 | | Yes | Yes | |
| 81 | 157.075 | 157.075 | | Yes | Yes | Coast Guard |
| 82 | 157.125 | 157.125 | | Yes | Yes | |
| 83 | 157.175 | 157.175 | | Yes | Yes | Coast Guard |
| 84 | 157.225 | 161.825 | Duplex | No | Yes | Busy Tel. |
| 85 | 157.275 | 161.875 | Duplex | No | Yes | Busy Tel. |
| 86 | 157.325 | 161.925 | Duplex | No | Yes | Busy Tel. |
| 87 | 157.375 | 161.975 | Duplex | No | Yes | Busy Tel. |
| 88 | 157.425 | 162.025 | Duplex | Yes | No | Busy Tel. |

# NWR-SAME Alert Level

| Event Code | Standard | VOYAGER | | | | Ignore |
|---|---|---|---|---|---|---|
| | | Warning (A1) | Watch (A2) | Statement (A3) | Test (A4) | |
| Administrative Message | ADR | | | | | O |
| Avalanche Warning | AVW | O | | | | |
| Avalanche Watch | AVA | | O | | | |
| Blizzard Warning | BZW | O | | | | |
| Civil Danger Warning | CDW | O | | | | |
| Civil Danger Watch | CDA | | O | | | |
| Civil Emergency Massage | CEM | O | | | | |
| Coastal Flood Warning | CFW | O | | | | |
| Coastal Flood Watch | CFA | | O | | | |
| Emergency Action Notification | EAN | O | | | | |
| Emergency Action Termination | EAT | O | | | | |
| Fire Warning | FRW | O | | | | |
| Flash Flood Statement | FFS | | | O | | |
| Flash Flood Warning | FFW | O | | | | |
| Flash Flood Watch | FFA | | O | | | |
| Flood Statement | FLS | | | O | | |
| Flood Warning | FLW | O | | | | |
| Flood Watch | FLA | | O | | | |
| Hazardous Material Warning | HMW | O | | | | |
| Hazardous Material Watch | HMA | | O | | | |
| High Wind/Dust Storm Warning | HWW | O | | | | |
| High Wind/Dust Storm Watch | HWA | | O | | | |
| Hurricane Statement | HLS | | | O | | |
| Hurricane/Tropical Storm Warning | HUW | O | | | | |
| Hurricane/Tropical Storm Watch | HUA | | O | | | |
| Immediate Evacuation Notice | EVI | O | | | | |
| Immediate Evacuation Warning | IEW | O | | | | |
| Law Enforcement Warning | LEW | O | | | | |
| Local Area Emergency | LAE | O | | | | |
| National Hazard Warning | NHW | O | | | | |
| National Information Center | NIC | O | | | | |
| National Periodic Test | NPT | | | | O | |

| Event Code | Standard | VOYAGER | | | | |
| | | Warning (A1) | Watch (A2) | Statement (A3) | Test (A4) | Ignore |
|---|---|---|---|---|---|---|
| Network Message Notification | NMN | | | | | O |
| Radiological Hazard Warning | RHW | O | | | | |
| Radiological Hazard Watch | RHA | | O | | | |
| Required Monthly Test | RMT | | | | O | |
| Required Weekly Test | RWT | | | | O | |
| Service Thunderstorm Warning # | SVW | O(&SVR) | | | | |
| Service Thunderstorm Watch | SVA | | O | | | |
| Service Weather Statement | SVS | | | O | | |
| Shelter In Place Warning | SPW | O | | | | |
| Special Marine Warning | SMW | O | | | | |
| Special Weather Statement | SPS | | | O | | |
| System Demonstration/Practice | DMO | | | | O | |
| Tornado Warning # | TOW | O(&TOR) | | | | |
| Tornado Watch | TOA | | O | | | |
| Transmitter Backup On | TXB | | | | | O |
| Transmitter Primary On | TXP | | | | | O |
| Transmitter Radiate Off | TXF | | | | | O |
| Transmitter Radiate On | TXO | | | | | O |
| Tsunami Warning | TSW | O | | | | |
| Tsunami Watch | TSA | | O | | | |
| Unrecognizable PIL | ACE | O | | | | |
| Volcano Warning | VOW | O | | | | |
| Volcano Watch | VOA | | O | | | |
| Winter Storm Warning | WSW | O | | | | |
| Winter Storm Watch | WSA | | O | | | |

## Optional Parts and Replacement Accessories
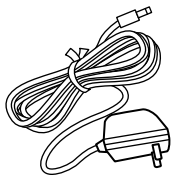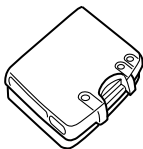
AC Adapter
(AD-510)

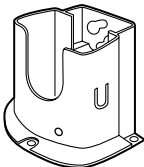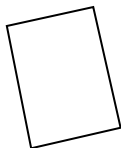Mounting Screws

Antenna
(HH9408)

Wrist Strap

DC Adapter

Lithium Battery
(VOYGER BP)

Drop-in Charger

Reference Guide

**Uniden Parts Department**
(800)-554-3988

We can also be reached on the web at
*www.uniden.com*

# Specifications

**General**

| | | |
|---|---|---|
| Channels | Transmit | 54 US/International/Canada |
| | Receive | 89 US/International/Canada |
| | Weather | 10 |
| 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 |
| | | +122°F(+50°C) |
| Antenna | | Flexible Whip |
| Microphone | | Built-in Electret type |
| Display | | Liquid Crystal Display |
| Speaker | | 8Ω 1 Watt |
| Power Source | | Rechargeable Lithium Ion Battery Pack |
| | | 7.4V 850 mAh |
| Size (without antenna) | | 3.8 (H) x 2.4 (W) x 1.3 (D) inch |
| | | 97 (H) x 62 (W) x 33 (D) mm |
| Weight (w/battery & antenna) | | 8.8 oz (250g) |

**Transmitter**

| | |
|---|---|
| Frequency Range | 156~158 MHz |
| Frequency Stability | ±10 PPM |
| Power Output | 1.0 W & 5W |
| Spurious Emissions | -70 dBc (5W) |
| Current Drain | 700mA (1W), 1500mA (5W) |

**Receiver**

| | | |
|---|---|---|
| Receiver Type | | Double Conversion Super |
| | | Heterodyne Phase |
| | | Locked Loop system for Local Oscillator |
| Frequency Range | | 156~164 MHz |
| Sensitivity | | 0.35μV for 12dB SINAD |
| Squelch Sensitivity | | Threshold 0.25μV |
| Audio | | ±6 dB 500 to 2000Hz |
| Frequency Response | | |
| Adjacent Channel | | 65 dB @ ±25 kHz |
| Selectivity | | |
| Hum & Noise Ratio | | 43 dB |
| Audio Output Power | | 0.6 W @ 10 % THD |
| Current Drain | Squelched | 40mA |
| | Max. Audio | 170mA |

Specifications shown are typical and subject to change without notice.

# Troubleshooting

■ Not enough range

   Cause: Line of sight blocked

   ⇒ Increase antenna height.

■ Will not transmit on 5 watt range but will transmit on the 1 watt range.

   Cause: Low voltage

   ⇒ Recharge or replace the batteries.

■ Will not transmit while on the charger.

   Cause: Low voltage

   ⇒ The unit is not designed to transmit while on the charger. The charger does not supply enough power for transmitting.

■ Battery will not charge.

   Cause: Charger inoperative

   ⇒ Replace charger. Damage to the charger can be a result of keying up the radio while on the charger.

## FCC RF EXPOSURE INFORMATION

**WARNING!**     Read this information before using the VOYAGER

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 VOYAGER 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 transmitter to insure safe operation. Please adhere to the following:

Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the VOYAGER, or result in violation of FCC regulations.

Do not use the VOYAGER with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for a replacement antenna.

**Body-worn Operation**

This device was tested for typical body-worn operations using the supplied belt-clip, which typically provides a space of 1 inch from the body. 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.

> • When using an external speaker microphone, USE ONLY THE UNIDEN MODEL HHVTA07. Use of any other accessory for this purpose may invalidate your authority to operate this device.

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# Three-Year Limited Warranty

**Important!** Evidence of original purchase is required for warranty service.

**WARRANTOR:** Uniden

**ELEMENTS OF WARRANTY:** Uniden warrants for three years, to the original retail owner, this Product excluding Li-ion battery pack to be free from defects in materials and craftsmanship with only the limitations or exclusions set out below. Uniden warrants for 12 months, to the original retail owner, the Lithium Ion battery pack to be free from defects in material and craftmanship 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 (12 months for the Lithium Ion battery pack) 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 Operation 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 either, at its option, repair or replace the defective unit and return it to you without charge for parts, service, or any other cost (except shipping and handling) incurred by warrantor or its representatives in connection with the performance of this warranty. Warrantor, at its option, may replace the unit with a new or refurbished unit. THE LIMITED WARRANTY SET FORTH ABOVE IS THE SOLE AND ENTIRE WARRANTY PERTAINING TO THE PRODUCT AND IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES OF ANY NATURE WHATSOEVER, WHETHER EXPRESS, IMPLIED OR ARISING BY OPERATION OF LAW, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY DOES NOT COVER OR PROVIDE FOR THE REIMBURSEMENT 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). The Product should include all parts and accessories originally packaged with the Product. Include evidence of original purchase and a note describing the defect that has caused you to return it. The Product should be shipped freight prepaid by traceable means to warrantor at:

Uniden America Corporation
Parts and Service Division
4700 Amon Carter Blvd.
Ft Worth, TX 76155
(800) 235-3874

# Thank you for purchasing a Uniden Marine Radio.

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www.uniden.com

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