

THANK YOU

FOR PURCHASING A UNIDEN PRODUCT!

Uniden®

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UTZZ01871ZL

REFERENCE GUIDE

HH985



Uniden®

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 nickel cadmium 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 nickel cadmium battery pack to be free from defects in material 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 (12 months for the nickel cadmium 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.

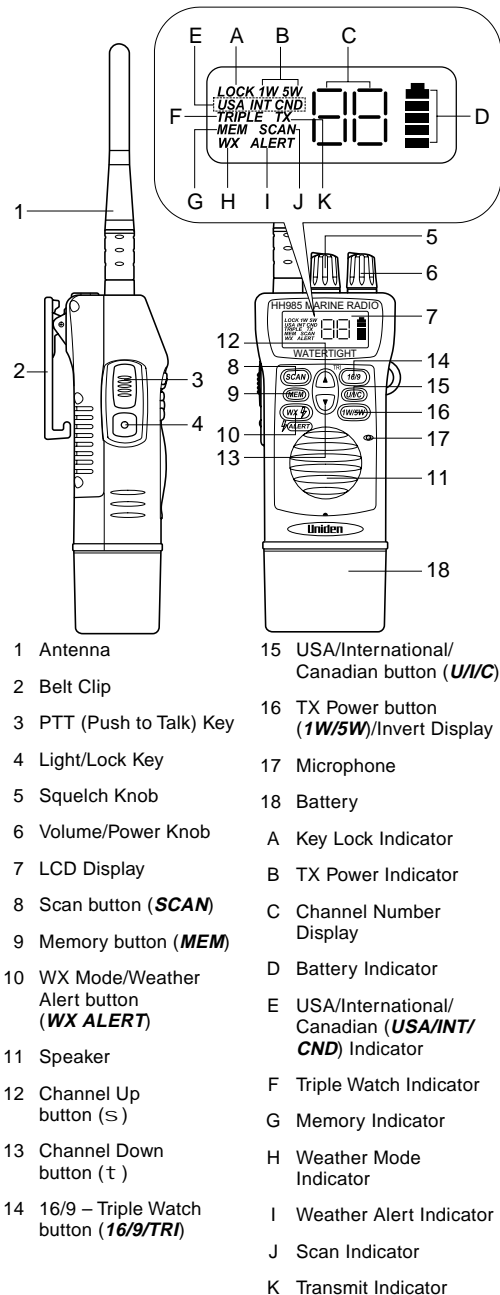
STATEMENT OF REMEDY: In the event that the product does not conform to this warranty at any time while this warranty is in effect, warrantor will either, at its option, repair or replace the defective unit and return it to you without charge for parts, service, or any other cost (except shipping and 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
4700 Amon Carter Blvd.
Ft Worth, TX 76155
(800)586-0409
8:30 a.m. to 5:00 p.m. Central
Monday through Friday

Controls and Indicators

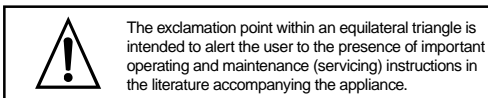


Warning!

- + The HH985 is watertight 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.

Nickel-Cadmium Battery Pack Warning

- + This equipment contains a Nickel-Cadmium Battery Pack.
- + Cadmium is a chemical known to the State of California to cause cancer.
- + The Nickel-Cadmium 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 Nickel-Cadmium 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.
- + Nickel-Cadmium batteries must be disposed of properly.



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. (Use high quality alkaline 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.
- Battery will not hold a charge
 Cause: Battery has developed a memory
 - Periodically, drain the ni-cad battery before recharging. (This can be done by listening to the weather channel until the battery drains).

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Introduction

The HH985 is a watertight, portable two-way VHF transceiver. It is compact, lightweight, rugged and fits easily in your hand. This hand-held VHF marine radio will give you consistent, outstanding performance in virtually all conditions and situations.

To ensure that you get the most from the HH985's features, please read this operating guide carefully before using the unit.

Features

- n Watertight
- n Triple Watch Mode
- n Priority Channel Startup (Channel 16)
- n Programmable Memory
- n One-Touch Channel 16/9
- n 10 Weather Channels
- n Weather Alert
- n NWR-SAME Alert
- n Programmable FIPS Code
- n Memory Scan
- n USA, International and Canadian Channels
- n Table-Top Drop-In Charger
(can also be wall-mounted)
- n Rechargeable Nickel-Cadmium Battery Pack
- n Alkaline Battery Pack
- n Battery Save Operation
- n Key Lock
- n Back-Lit Keys and Display
- n Reversible Channel Display
- n Belt Clip
- n Wrist Strap
- n 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 reference guide. For technical support contact Uniden Repair/Service department at 1-800-235-3874. 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 19~22. Please contact the FCC Call Center at 1-888-CALL-FCC for any additional channel information.

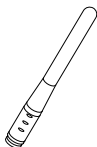
Parts and Accessories



HH985



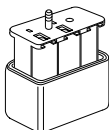
AC Adapter
(BYYY0603001)



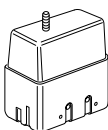
Antenna
(HH9408)



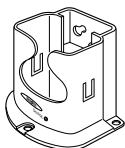
Wrist Strap
(RETC484647Z)



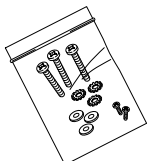
Alkaline Battery Holder
(GHDZ34956Z)



Ni-cad Battery
(BP-985)



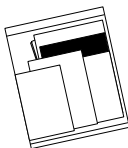
Drop-in Charger
(GCAS346933Z)



Mounting Screws
(SSCW8840165)



Reference Guide



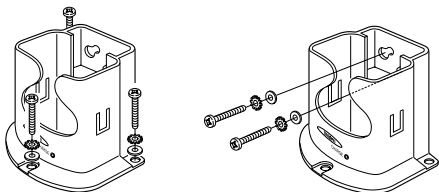
Printed Material

If any of these items are missing from the box, contact your Uniden Dealer.

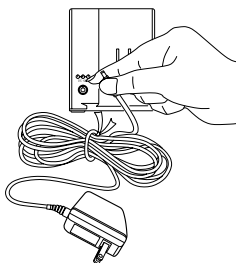
Getting Started

Mounting the Drop-in Charger

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



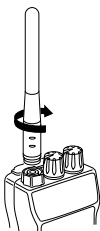
2. Plug one end of the AC adapter into the wall outlet and the other end into the drop-in charger.



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.

Attaching the Antenna

Attach the antenna to the HH985. Be sure the antenna is firmly seated.

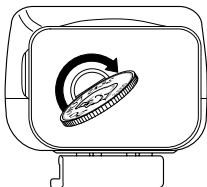


Attaching the Battery Pack

1. Slide the battery pack onto the bottom of the radio.



2. Use a coin or screwdriver to turn the screw that connects the battery pack to the HH985. Be sure the battery pack fits tightly against the HH985's body.

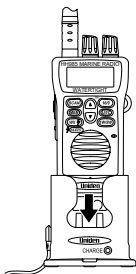


Charging the Battery Pack

Your marine radio is powered by a specially designed nickel-cadmium battery pack or an Alkaline battery pack. (Alkaline batteries not included)

- + Before operating the HH985, charge the nickel-cadmium battery pack for 15 hours ***without interruption*** in the drop-in charger.

1. Place the HH985 in the drop-in charger.



2. The red LED lights and stays on.



- + The charger won't overcharge the battery pack.
- + **Do not transmit when the HH985 is in the drop-in charger!**
- + You can monitor incoming calls while the HH985 is in the drop-in charger.
- + You can charge the battery pack alone or connected to the HH985.
- + When you use the alkaline battery pack, the charger will not charge.
- + Periodically, the Ni-cad battery should be fully drained prior to recharging.

Operation

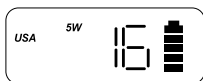
- + When you press any key (except PTT), a short tone sounds.
- + When you turn on your HH985, it is automatically tuned to channel 16, the United States Coast Guard frequency for distress, safety, and calling.
- + See the foldout in the front of the operating guide for button, knob, and key positions.

Turning on the Unit and Setting Squelch

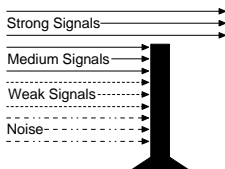
1. Before you turn on the unit, turn the **Squelch** knob fully counterclockwise.



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



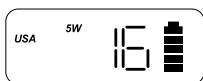
3. Turn the **Squelch** knob clockwise, just until the hissing sound stops. Use the knob to adjust to the desired squelch level. Think of the squelch control as a frequency gate which controls access to weak or strong signals depending on its setting.



- + 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.

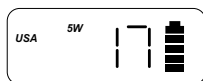
Selecting a Channel

1. Turn on your HH985.



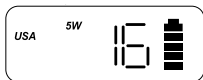
↓ [UP]

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



↓ [DOWN]

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

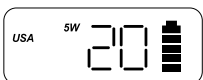


- + To change the channel continuously, press and hold the **S** or **t** button for more than 1 second.

One-touch Channel 16/9

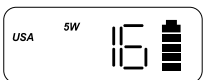
Example: While you are monitoring channel 20, you want to check channel 16 or channel 9.

1. You are now on channel 20.



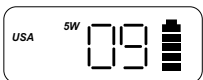
↓

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



↓

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

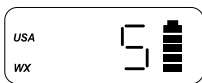


4. To return to channel 20, press the **16/9** button again.

Monitoring Weather Channels

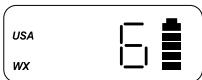
The HH985 has 10 preprogrammed weather channel frequencies, represented by 0 through 9.

1. To listen to the weather channels in your area, press **WX**. **WX** appears on the display.



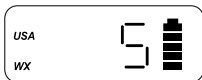
↓ [UP]

2. To move up, press the **S** button.



↓ [DOWN]

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



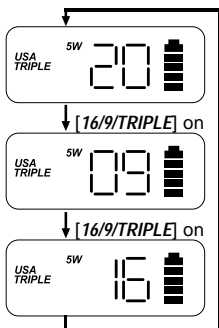
4. To exit, press **WX**. **WX** disappears from the display.

- + To change the channel continuously, press and hold the **S** or **t** button for more than 1 second.

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 2 seconds. A double confirmation tone sounds.



2. To exit from Triple Watch, press and hold **16/9/TRI** for 2 seconds. A double confirmation tone sounds.

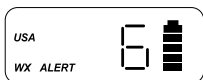
- + While in Triple Watch mode, you can change the currently selected channel using the **s** or **t** button.
- + A momentary press of the **16/9/TRI** button interrupts Triple Watch mode and remains on 16, or on channel 9 if you press once more. To return to the previous mode, simply press the button again.

Weather Alert

Weather Alert allows your HH985 to function as a severe weather warning radio. If the NOAA issues a severe weather warning while the Weather Alert is turned on, the HH985 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 2 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 to receive the emergency weather broadcast.



4. To turn off Weather Alert, press and hold **WX/ALERT** for 2 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 HH985 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 HH985 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 2 seconds to activate this feature.

3. When the unit receives a warning signal, it sounds a tone defined by severity. **WX** and **ALERT** start blinking. The channel indicator displays the weather channel number and the severity level alternately.



NWR-SAME Alert Level

A1: Warning

A3: Statement

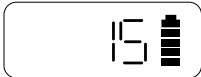


A2: Watch

A4: Test

4. To turn off NWR-SAME Alert, press and hold the **WX/ALERT** button for 2 seconds.
- + This feature is effective in the weather channel mode only.

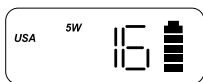
Registering FIPS Code

Six digit FIPS Codes are programmable in 15 channels, Number 1~15 for NWR-SAME Weather Alert. Contact the National Weather Service at 1-888-NWR-SAME for the FIPS Codes in the area of interest, or visit www.noaa.gov/nwr/indexnw.htm

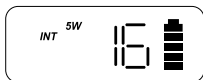
1. Press and hold the **MEM** key for 2 seconds.
 2. Select the channel, numbers 1~15, you want to program using the **S** or **T** key. 
 3. Press the **MEM** key to enter the FIPS Code edit mode.
 4. To enter the first digit of the code, change the left blinking digit on the display using the **S** or **T** key and press the **MEM** 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 **S** or **T** key and press the **MEM** 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** key for 2 seconds.
 9. Press **U/I/C** to clear the stored FIPS Code in the displayed location.
- + Pressing the **MEM** key for more than 2 second in the middle of the above steps prevents registration.

USA, International and Canadian Channels

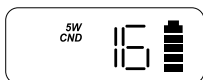
1. The HH985 is initially set for USA marine channels when you turn on your radio.



2. To listen to international marine channels, press **U/I/C** once.



3. To listen to Canadian marine channels, press **U/I/C** again.

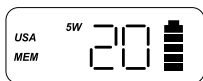


4. The radio will keep the last mode setting that was selected when turned back on.
- + For USA, international and Canadian marine channels and functions, refer to the tables starting on page 19.

Programming a Channel into Memory

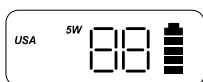
Before using the scanning feature, you have to program channels into memory.

1. Select the channel to enter into memory by pressing the **S** or **T** button.
2. Press the **MEM** button to store the channel. **MEM** appears on the display.



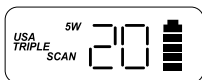
Deleting a Channel from Memory

1. Select the channel to delete from memory by pressing the **S** or **T** button.
2. Press the **MEM** button. **MEM** disappears from the display.



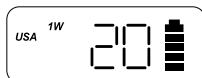
Scanning

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 **1W/5W** 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 seconds, **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

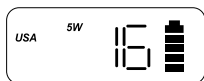
To light the display and keypad for about 5 seconds, press the **Light/Lock** key or any other key excluding the **TX** key.

- + If you press any button other than the **Light/Lock** key while the display and keypad are lit, it remains in the lit status for another 5 seconds.

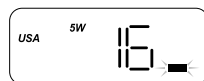
Battery Indicator

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:

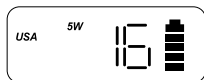


- + When the battery indicator drops to the 1-mark level on the display, the radio will receive but will not transmit.

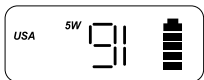
Reversible Channel Display

The channel indicator can be displayed upside down on the display. This feature makes viewing the display more convenient when worn on the user's belt.

1. To invert, press and hold the **1W/5W** key for 2 seconds.



2. To return, press and hold the **1W/5W** key for 2 seconds again.



Key Lock

To prevent accidental entries, you can lock the keypad.

1. Press and hold the *Light/Lock* key for 2 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 *Light/Lock* key again for 2 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	Frequency (MHz)		Traffic Type	Note	Ship to Ship	Ship to Shore
	Transmit	Receive				
WX0		163.275	NOAA Weather			RX Only
WX1		162.550	NOAA Weather			RX Only
WX2		162.400	NOAA Weather			RX Only
WX3		162.475	NOAA Weather			RX Only
WX4		162.425	NOAA Weather			RX Only
WX5		162.450	NOAA Weather			RX Only
WX6		162.500	NOAA Weather			RX Only
WX7		162.525	NOAA Weather			RX Only
WX8		161.650	Can. Weather			RX Only
WX9		161.775	Can. Weather			RX Only
01	156.050	156.050	Com'l, Port Ops, VTS		Yes	Yes
02			Port Ops	INH	Yes	Yes
03	156.150	156.150	Com'l, Port Ops, VTS		Yes	Yes
04			Port Ops	INH	Yes	Yes
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
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
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	RX Only	157.075	U.S. Govt Only		Yes	Yes
82	157.125	161.725	U.S. Govt Only	DUP	Yes	Yes
83	RX Only	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)		Traffic Type	Ship to Ship	Ship to Shore	Permanent Scan List
	Transmit	Receive				
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.
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	
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.

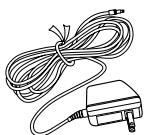
Marine Channels - Canada

Channel Desig	Frequency (MHz)		Traffic Type	Ship to Ship	Ship to Shore	Permanent Scan List
	Transmit	Receive				
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	161.500	Duplex	Yes	Yes	
19	156.950	161.550	Duplex	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.
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	
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.

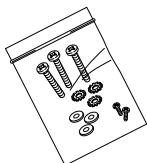
NWR-SAME Alert Level

Event Code	Standard	UT871ZL				
		Warning (A1)	Watch (A2)	Statement (A3)	Test (A4)	Ignore
Administrative Message	ADR					○
Avalanche Warning	AVW	○				
Avalanche Watch	AVA		○			
Blizzard Warning	BZW	○				
Civil Danger Warning	CDW	○				
Civil Danger Watch	CDA		○			
Civil Emergency Message	CEM	○				
Coastal Flood Warning	CFW	○				
Coastal Flood Watch	CFA		○			
Emergency Action Notification	EAN	○				
Emergency Action Termination	EAT	○				
Fire Warning	FRW	○				
Flash Flood Statement	FFS			○		
Flash Flood Warning	FFW	○				
Flash Flood Watch	FFA		○			
Flood Statement	FLS			○		
Flood Warning	FLW	○				
Flood Watch	FLA		○			
Hazardous Material Warning	HMW	○				
Hazardous Material Watch	HMA		○			
High Wind/Dust Storm Warning	HWW	○				
High Wind/Dust Storm Watch	HWA		○			
Hurricane Statement	HLS			○		
Hurricane/Tropical Storm Warning	HUW	○				
Hurricane/Tropical Storm Watch	HUA		○			
Immediate Evacuation Notice	EVI	○				
Immediate Evacuation Warning	IEW	○				
Law Enforcement Warning	LEW	○				
Local Area Emergency	LAE	○				
National Hazard Warning	NHW	○				
National Information Center	NIC	○				
National Periodic Test	NPT				○	
Network Message Notification	NMN					○
Radiological Hazard Warning	RHW	○				
Radiological Hazard Watch	RHA		○			
Required Monthly Test	RMT				○	
Required Weekly Test	RWT				○	
Service Thunderstorm Warning #	SVW	○(&SVR)				
Service Thunderstorm Watch	SVA		○			
Service Weather Statement	SVS			○		
Shelter In Place Warning	SPW	○				
Special Marine Warning	SMW	○				
Special Weather Statement	SPS			○		
System Demonstration/Practice	DMO				○	
Tomado Warning #	TOW	○(&TOR)				
Tomado Watch	TOA		○			
Transmitter Backup On	TXB					○
Transmitter Primary On	TXP					○
Transmitter Radiate Off	TXF					○
Transmitter Radiate On	TXO					○
Tsunami Warning	TSW	○				
Tsunami Watch	TSA		○			
Unrecognizable PIL	ACE	○				
Volcano Warning	VOW	○				
Volcano Watch	VOA		○			
Winter Storm Warning	WSW	○				
Winter Storm Watch	WSA		○			

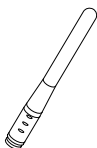
Optional Parts and Replacement Accessories



AC Adapter
(BYYY0603001)



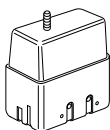
Mounting Screws
(SSCW8840165)



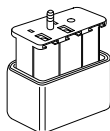
Antenna
(HH9408)



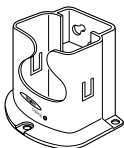
Wrist Strap
(RETC484647Z)



Ni-cad Battery Pack
(BP-985)



Alkaline Battery Holder
(GHDZ34956Z)



Drop-in Charger
(GCAS346933Z)



Reference Guide

Uniden Parts Department

(800)-554-3988

Hours: M-F 7:00AM to 5:00PM CST

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

Specifications

General

Channels	Transmit	54 US/International/Canada
	Receive	80 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 Nickel-Cadmium Battery Pack 7.2V 950 mAh
Size (without antenna)		5.9(H)×2.1(W)×1.6(D) inch 150(H)×55(W)×40(D) mm
Weight (w/battery & antenna)		15.9 oz (450g)

Transmitter

Frequency Range	156~158 MHz
Frequency Stability	±10 PPM
Power Output	1.0 W & 5W
Spurious Emissions	-55 dBc (5W)
Current Drain	700mA (1W), 1700mA (5W)

Receiver

Receiver Type	Double Conversion Super Heterodyne Phase Locked Loop system for Local Oscillator
Frequency Range	156~164 MHz
Sensitivity	0.25 μV for 12dB SINAD
Squelch Sensitivity	Threshold 0.15μV
Audio	±6 dB 500 to 2000Hz
Frequency Response	
Adjacent Channel	55 dB @ ±25 kHz
Selectivity	
Hum & Noise Ratio	40 dB
Audio Output Power	0.3 W @ 10 % THD
Current Drain	100 mA
Squelched	
Max. Audio(0.3W output)	60mA, 250mA

Specifications shown are typical and
subject to change without notice

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