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Introduction

The **HH955** is a portable two-way VHF transceiver. It is compact, lightweight, and rugged and fits easily in your hand. This hand-held VHF marine radio will give you consistent, outstanding performance in many conditions and situations.

Uniden does not warrant this radio as water-tight nor water-proof.

** To ensure that you get the most from the HH955's features, please read this operating guide carefully before using the unit.*

Features

- ▲ Triple Watch Mode
- ▲ Priority Channel Startup
- ▲ One-touch Channel 16/9 with Dual Watch
- ▲ 10 Weather Channels
- ▲ Memory Channel Scan
- ▲ 1-watt or 5-watt Transmission
- ▲ International-USA Channels
- ▲ Back-lit Display
- ▲ Key Lock
- ▲ Uses Either AA Alkaline or Rechargeable Nickel Cadmium
- ▲ Belt Clip
- ▲ Wrist Strap

Technical Support and Service

Your local Uniden dealer can provide you with technical assistance and information. If your marine radio does not perform properly, take it to a Uniden dealer for servicing. 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.*

For additional assistance, call Uniden Customer Services, (800)586-0409 – 8 a.m. To 5 p.m. Central, Monday through Friday.

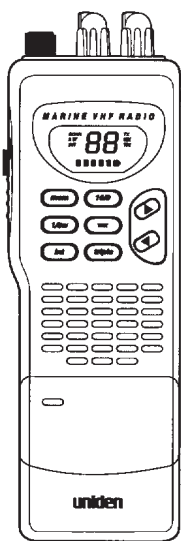
Maritime Radio Services Operation

Although an FCC license is no longer required for individual use, you must comply with all applicable rules and regulations according to the FCC.

For individuals requiring a license, such as commercial users, you should obtain a license application from your nearest FCC field office.

Included with Your HH955

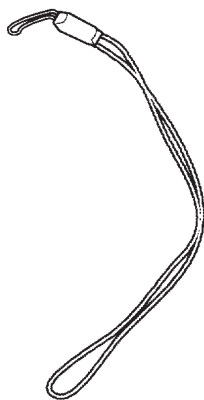
If any of these items are missing from the box, contact your Uniden Dealer.



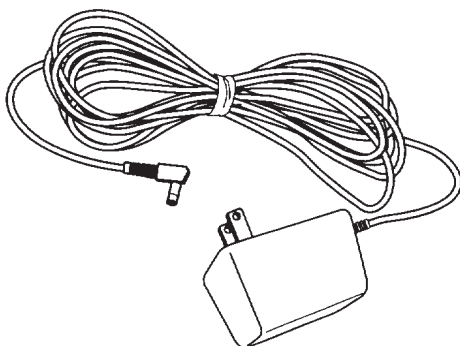
HH955



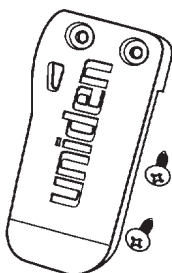
Antenna



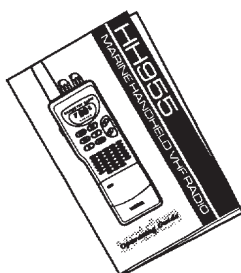
Wrist Strap



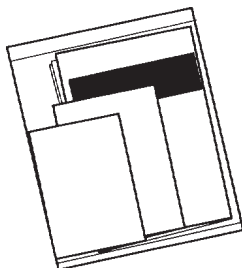
AC Adapter AD137



Belt Clip



Operating Guide

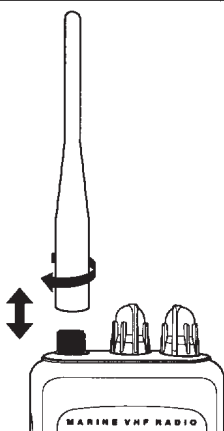


Other Printed Material

Getting Started

Antenna

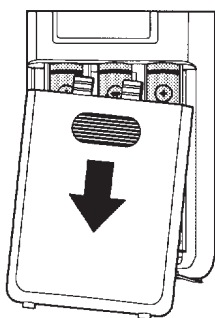
Make certain the antenna is firmly seated.



Batteries

Your marine radio is powered by either nine rechargeable AA nickel-cadmium batteries, nine alkaline AA batteries or the AC (AD137) or DC (CLP9504) power adapter.

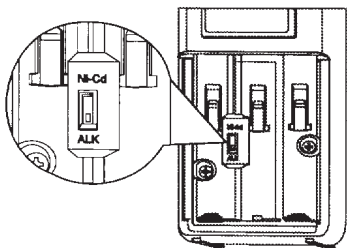
Caution! Before installing batteries in this radio, read all battery warnings on the inside front cover.



◆ To remove the battery cover (back of HH955), press firmly and move down.

◆ Set the switch to either Ni-Cd (nickel-cadmium) or ALK (alkaline).

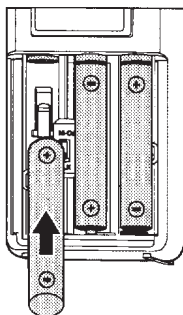
* When transmitting, nickel-cadmium batteries will show a lower strength - on the battery strength meter - than alkaline.



◆ Put nine nickel-cadmium batteries or nine alkaline batteries in the battery compartment.

Make certain that the polarity of the batteries is correct.

◆ Replace the battery cover.

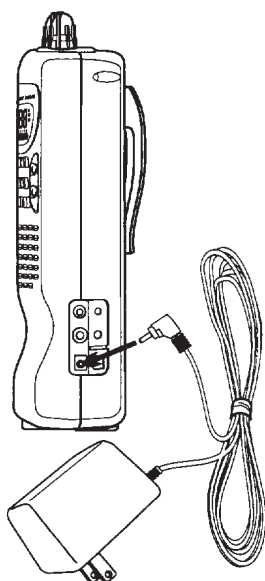


AC Adapter/Charger

- ▶ Insert the Power cord connector to the **PWR/CHG** connection on the side of the radio.

- ▶ Plug the other end into an AC power plug. The radio's power must be off to charge the nickel-cadmium batteries.

* *Make certain that you have nine rechargeable nickel-cadmium batteries in the radio and the switch is set to **Ni-Cd**. Refer to "Batteries" on page 4.*



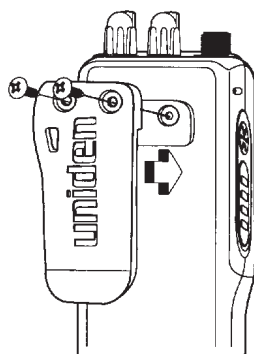
- ▶ Charge the batteries according to the manufacturer's instructions. *Do not over-charge - this will shorten the life of your rechargeable nickel-cadmium batteries.* As soon as the batteries are charged, disconnect from the power source.

* *Use only the AC adapter (AD137) that comes with the HH955.*



Belt Clip

- ▶ Attach the beltclip with the (included) screws.

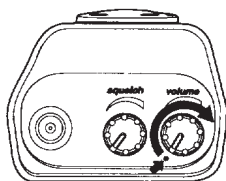


Operation

- * Refer to the Controls and Indicators fold-out drawing on the inside of this Guide's cover.
- * When you press any key – except PTT (Push-to-Talk on the radio's side) – a short tone sounds.
- * When you turn on your HH955, it is tuned to channel 16 – the United States Coast Guard frequency for distress, safety, and calling.

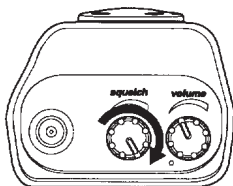
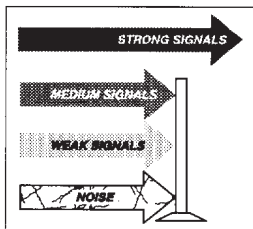
Setting the Squelch

1. To turn the unit on, rotate the volume control clockwise. Adjust the volume to a comfortable level.

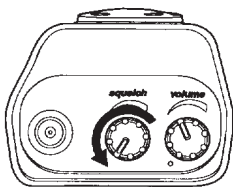
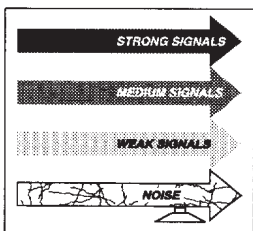


- * Before setting the squelch control on your marine radio, you must select a channel that is not in use.

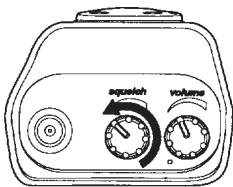
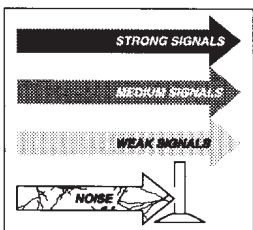
2. Think of the squelch control as a gate. If you turn the squelch control fully clockwise, it raises the “squelch gate” so high that only the strongest signals get through.



3. If you turn the squelch control fully counterclockwise, it lowers the “squelch gate” so everything gets through – noise, weak signals, and strong signals.



4. To set the “squelch gate” to the level you want, turn the squelch control counterclockwise until you hear noise. Then turn the squelch control back clockwise just until the noise stops. Now strong, medium, and weak signals get through.

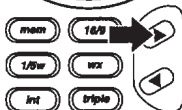
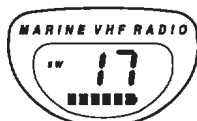


Selecting a Channel

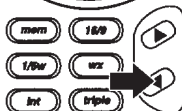
▶ Turn on your marine radio.



▶ To select a higher channel, press ▲.



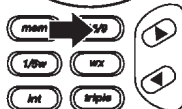
▶ To select a lower channel, press ▼.



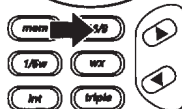
One-touch Channel 16/9 with Dual Watch

Example: While you are monitoring channel 19, you want to check channels 16 and 9.

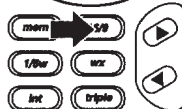
▶ To monitor channel 16, press **16/9**.



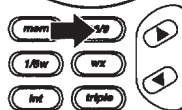
▶ To monitor channel 9, press **16/9** again.



▶ Press **16/9** again. **TRI** flashes indicating Dual Watch is on.



▶ To return to channel 19, press **16/9** again. Now, every 2 seconds your radio automatically watches channel 16 and 9 for activity while you are monitoring channel 19.



Triple Watch

- ▶ When monitoring a channel, press **triple**.
Now, the HH955 also watches for activity on channels 16 and 9.



- * While scanning, you can press **triple** to toggle Triple Watch between on and off.

Memory-Channel Scan

- * Before you can use the memory scan function, you must enter channels into memory.

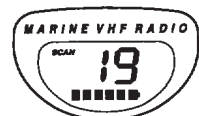
Entering channels into memory

- ▶ Select a channel to enter into memory, use the **up** (▲) or **down** (▼) keys.
- ▶ To enter the channel into memory, press **mem**. **SCAN** slowly flashes in the display.



Removing Channels from Memory

- ▶ Select a channel that you want to remove from memory. (example: channel 19)
- ▶ To remove the channel, press **mem** again. **SCAN** disappears from the display.



Scanning channels in memory

- ▶ Turn on the HH955.
- ▶ To start scanning channels in memory, press and **hold mem** until you hear a double beep (about 2 seconds). When HH955 receives a transmission, **SCAN** flashes rapidly.

Once you start scanning, Triple Watch comes on automatically.
You can toggle between Triple Watch on and off when you press **triple**.



- ▶ To stop memory channel scanning, press **WX** or press and hold **mem**.

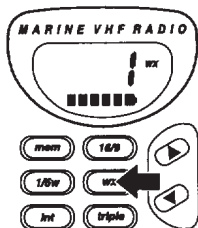
Caution! If - while scanning - you press and immediately release **mem**, you will erase the active channel from memory.

Weather Channels

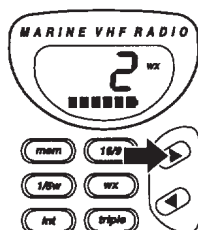
The HH955 has 10 preprogrammed weather channel frequencies – represented by 1 through 0. Select the clearest channel to monitor weather.

- ▶ To listen to the weather channels in your area, press **WX**.

The display shows **WX**.



- ▶ To move up, press ▲.



- ▶ To move down, press ▼.

International-USA Channels

- ▶ To listen to international marine channels, press **int**. "INT" appears in the display.



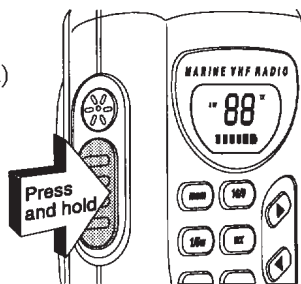
- ▶ To switch back to USA marine channels, press **int** again. "INT" disappears from the display.

* For USA and international marine channels and their functions, refer to pages 11 and 12.

Transmit

- ▶ To transmit, press and hold in the PTT (Push-to-Talk) key.

- ▶ To receive, release the PTT key.



Marine Channels & Functions

USA

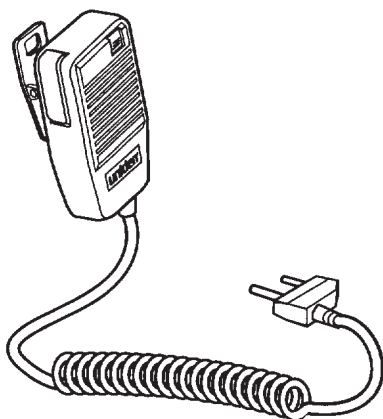
Channel Desig	Frequency (MHz)		Traffic Type	Ship to Ship	Ship to Shore
	Transmit	Receive			
WX0		163.275	NOAA Weather		RX Only
WX1		162.550	NOAA Weather		RX Only
WX2		162.400	NOAA Weather		RX Only
WX3		162.475	NOAA Weather		RX Only
WX4		162.425	NOAA Weather		RX Only
WX5		162.450	NOAA Weather		RX Only
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
03	156.150	156.150	Com'l, Port Ops, VTS	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	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	161.600	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.	No	Yes
25	157.250	161.850	Public Corresp.	No	Yes
26	157.300	161.900	Public Corresp.	No	Yes
27	157.350	161.950	Public Corresp.	No	Yes
28	157.400	162.000	Public Corresp.	No	Yes
61	156.075	156.075			
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	Yes	No
68	156.425	156.425	Non Com'l	Yes	Yes
69	156.475	156.475	Non Com'l	Yes	Yes
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	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.	No	Yes
85	157.275	161.875	Public Corresp.	No	Yes
86	157.325	161.925	Public Corresp.	No	Yes
87	157.375	161.975	Public Corresp.	No	Yes
88	157.425	157.425	Com'l	Yes	No

Marine Channels & Functions

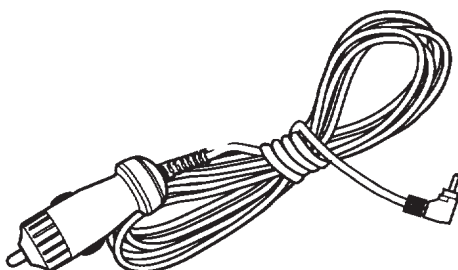
International

Channel Desig	Frequency (MHz)		Traffic Type	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	160.650	Com'l, Port Ops, VTS	Yes	Yes
02	156.100	160.700	Port Ops	Yes	Yes
03	156.150	160.750	Com'l, Port Ops, VTS	Yes	Yes
04	156.200	160.800	Port Ops	Yes	Yes
05	156.250	160.850	Port Ops, VTS	Yes	Yes
06	156.300	156.300	Safety	Yes	No
07	156.350	160.950	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	Yes	No
14	156.700	156.700	Port Ops, VTS, SMS	Yes	Yes
15	156.750	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	161.500	Com'l	Yes	Yes
19	156.950	161.550	Com'l	Yes	Yes
20	157.000	161.600	Port Ops	No	Yes
21	157.050	161.650	U.S. Got Only	Yes	Yes
22	157.100	161.700	Coast Guard	Yes	Yes
23	157.150	161.750	U.S. Got Only	Yes	Yes
24	157.200	161.800	Public Corresp.	No	Yes
25	157.250	161.850	Public Corresp.	No	Yes
26	157.300	161.900	Public Corresp.	No	Yes
27	157.350	161.950	Public Corresp.	No	Yes
28	157.400	162.000	Public Corresp.	No	Yes
60	156.025	160.625			
61	156.075	160.675			
62	156.125	160.725			
63	156.175	160.775			
64	156.225	160.825			
65	156.275	160.875	Port Ops	Yes	Yes
66	156.325	160.925	Port Ops	Yes	Yes
67	156.375	156.375	Com'l	Yes	No
68	156.425	156.425	Non Com'l	Yes	Yes
69	156.475	156.475	Non Com'l	Yes	Yes
70		156.525	Digital Selective Calling	Yes	No
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	161.525	Non Com'l	Yes	Yes
79	156.975	161.575	Com'l	Yes	Yes
80	157.025	161.625	Com'l	Yes	Yes
81	157.075	161.675	U.S. Got Only	Yes	Yes
82	157.125	161.725	US Gov. Only	Yes	Yes
83	157.175	161.775	U.S. Got Only	Yes	Yes
84	157.225	161.825	Public Corresp.	No	Yes
85	157.275	161.875	Public Corresp.	No	Yes
86	157.325	161.925	Public Corresp.	No	Yes
87	157.375	161.975	Public Corresp.	No	Yes
88	157.425	162.025	Public Corresp.	No	Yes

Optional Accessories



External Microphone
HH9807



Cigarette lighter Adapter
CLP9504

Specifications

General

Channels	Transmit 55 USA/International Receive 90 USA/International Weather 10
Frequency Control	Phase Locked Loop (PLL)
Frequency Tolerance	Transmit 0.001% Receive 0.001%
Operating Temperature	-4°F(-20°C) to +122°F(+50°C)
Antenna	Flexible Whip
Microphone	Built-in Electret type
Channel Display	Liquid Crystal Display (LCD)
Speaker	8 Ω 1W
Power Source	9 AA Batteries (alkaline or rechargeable Nickel-cadmium) or 12 VDC
Size (without antenna)	6.6 in H x 1.8 in D x 2.2 W
Weight (with battery & antenna)	19.5 oz.

Transmitter

Frequency Range	156 ~ 158 MHz
Frequency Stability	± 5 ppm nominal
Power Output	High 5 Watts Low 1 Watt
Spurious Emissions	5W -60 dBc
Current Drain	High 1.3 A Low 0.7 A

Receiver

Receiver Type	Dual Conversion Super Heterodyne Phase Locked Loop system for Local Oscillator
Frequency Range	156 ~ 164 MHz
Sensitivity	0.25 μ V for 12 dB SINAD
Squelch Sensitivity	Threshold 0.10 μ V
Audio Frequency Response	± 6 dB 500 to 2000 Hz
Adjacent Channel Selectivity	70 dB @ ± 30 kHz
Hum & Noise Ratio	40 dB
Audio Output Power	(10% THD) 0.6 W (nominal)
Current Drain	Squelched 45 mA (nominal) Audio 0.3 W 140 mA (nominal)

Specifications shown are typical and subject to change without notice.

HH955

5 Watt Handheld VHF Marine Radio



Operating Guide

Warning!

- The HH 955 is neither waterproof nor water tight.
- 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.
- 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.

Rechargeable Alkaline Battery Warning!

- Do not attempt to charge rechargeable alkaline batteries in this unit! Doing so may cause serious damage to the product and void the warranty.
- If you use rechargeable alkaline batteries in this unit, they must be already charged in their manufacturer's charger.

Nickel-Cadmium Battery Charging Warning!

- Before attempting to recharge nickel-cadmium batteries, make sure you have installed nine rechargeable, nickel-cadmium batteries and the selector switch is set to **Ni-Cd**.

Battery Warning!

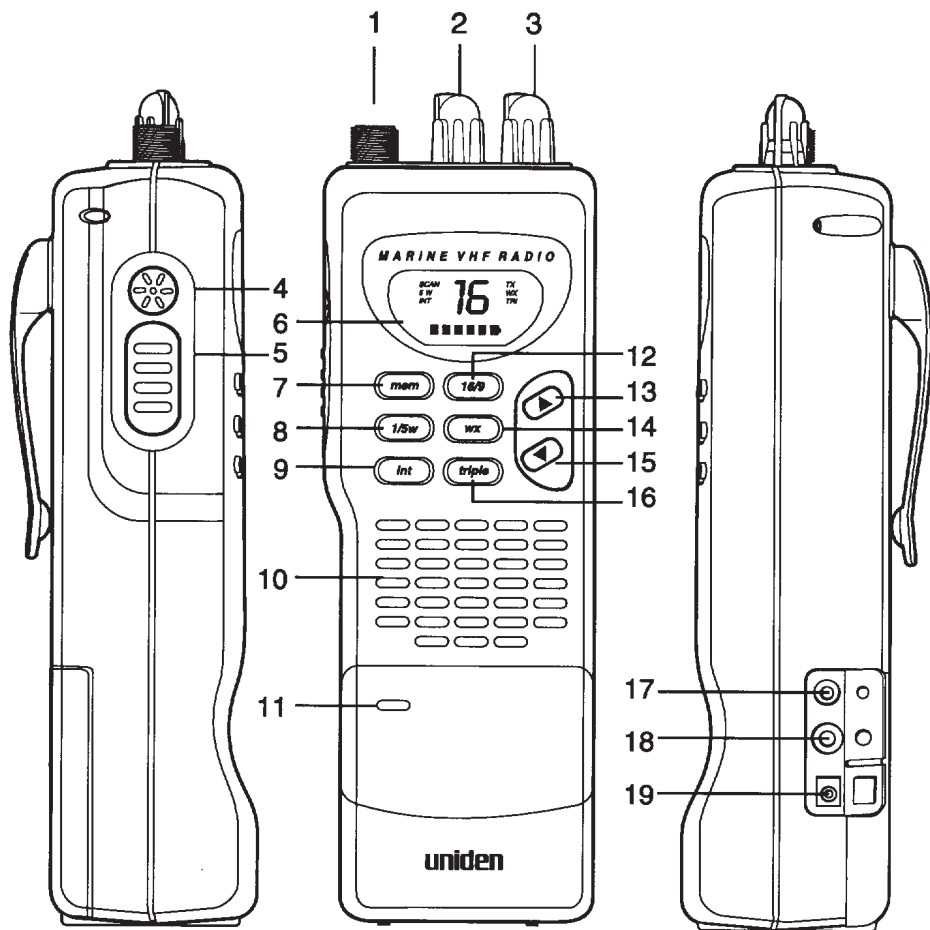
- Do not mix alkaline batteries with rechargeable nickel-cadmium batteries.

Maritime Radio Services Operation Warning!

This transmitter will operate on channels/frequencies that have restricted use in 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 U.S. without an individual license, please contact the FCC Call Center at 1-888-CALL-FCC.

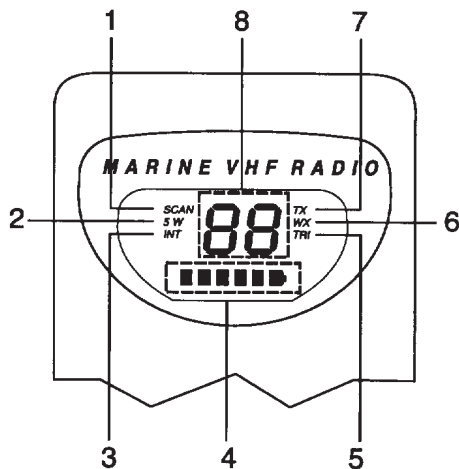
Controls

1. TNC Antenna Connector
2. Squelch Control
3. On/Off and Volume Control
4. Light/Keypad Lock
5. PTT (Push-to-Talk)
6. LCD Display
7. Scan/Memory
8. 1/5 Watt Transmission
9. USA/International Channels
10. Speaker
11. Microphone
12. Channel 16/9 - Dual Watch
13. Channel Up
14. Weather Channels
15. Channel Down
16. Triple Watch
17. Microphone Jack
18. Speaker Jack
19. AC Adapter Input



Indicators

1. Scan Mode
2. 5 Watt Power Transmit
3. International Channels
4. Battery Strength
5. Triple/Dual Watch
6. Weather Channel
7. Transmit
8. Channel



Three-year Limited Warranty

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

WARRANTOR: Uniden America Corporation

ELEMENTS OF WARRANTY: Uniden warrants, for three years, to the original retail owner, this Uniden Product to be free from defects in materials and craftsmanship with only the limitations or exclusions set out below.

WARRANTY DURATION: This warranty to the original user shall terminate and be of no further effect 36 months after the date of original retail sale. The warranty is invalid if the Product is (A) damaged or not maintained as reasonable or necessary, (B) modified, altered, or used as part of any conversion kits, subassemblies, or any configurations not sold by Uniden, (C) improperly installed, (D) serviced or repaired by someone other than an authorized Uniden service center for a defect or malfunction covered by this warranty, (E) used in any conjunction with equipment or parts or as part of any system not manufactured by Uniden, or (F) installed or programmed by anyone other than as detailed by the Operating Guide for this product.

STATEMENT OF REMEDY: In the event that the product does not conform to this warranty at any time while this warranty is in effect, warrantor will repair the defect and return it to you without charge for parts, service, or any other cost (except shipping and handling) incurred by warrantor or its representatives in connection with the performance of this warranty. THE LIMITED WARRANTY SET FORTH ABOVE IS THE SOLE AND ENTIRE WARRANTY PERTAINING TO THE PRODUCT AND IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES OF ANY NATURE WHATSOEVER, WHETHER EXPRESS, IMPLIED OR ARISING BY OPERATION OF LAW, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY DOES NOT COVER OR PROVIDE FOR THE REIMBURSEMENT OR PAYMENT OF INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow this exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you.

LEGAL REMEDIES: This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. This warranty is void outside the United States of America.

PROCEDURE FOR OBTAINING PERFORMANCE OF WARRANTY: If, after following the instructions in this Operating Guide you are certain that the Product is defective, pack the Product carefully (preferably in its original packaging). Include evidence of original purchase and a note describing the defect that has caused you to return it. The Product should be shipped freight prepaid by traceable means, or delivered, to warrantor at:

Uniden America Corporation

4700 Amon Carter Blvd. Fort Worth, TX 76155

(800)586-0409

8 a.m. To 5 p.m. Central, Monday through Friday

