

# HH 955

5 Watt Handheld  
VHF Marine Radio



OPERATING  
GUIDE

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**Uniden**

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## INTRODUCTION

The HH955 is a portable two-way VHF transceiver. It is compact, lightweight, and fits easily in the hand. The hand-held VHF Marine Radio will give you consistent, outstanding performance in many conditions and situations.

Uniden does not warranty this radio as watertight nor waterproof.

### Features

- Dual Watch Mode
- One touch Channel 16
- Memory Channel Scan
- 1 Watt or 5 Watt Transmission
- International Channels
- Back-lit Display
- Key Pad Lock
- Uses AA Batteries (either Alkaline or Rechargeable Nickel Cadmium) (not included).
- Belt Clip
- Wrist Strap

### Technical Support Service

Your local Retailer can provide you with technical assistance and information. If your marine radio does not perform properly, please check our website for frequently asked questions and problem solutions.

Australia - [www.uniden.com.au](http://www.uniden.com.au)

New Zealand - [www.uniden.co.nz](http://www.uniden.co.nz)

This radio contains no user serviceable parts. Unauthorised adjustment will void the Warranty and may cause illegal radio operation. Be sure that a qualified technician services your radio equipment.



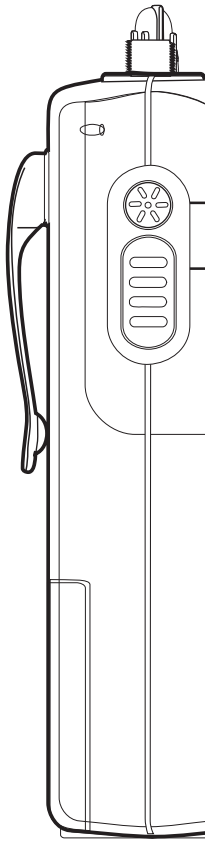
#### NOTE

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

## CONTROLS AND INDICATORS

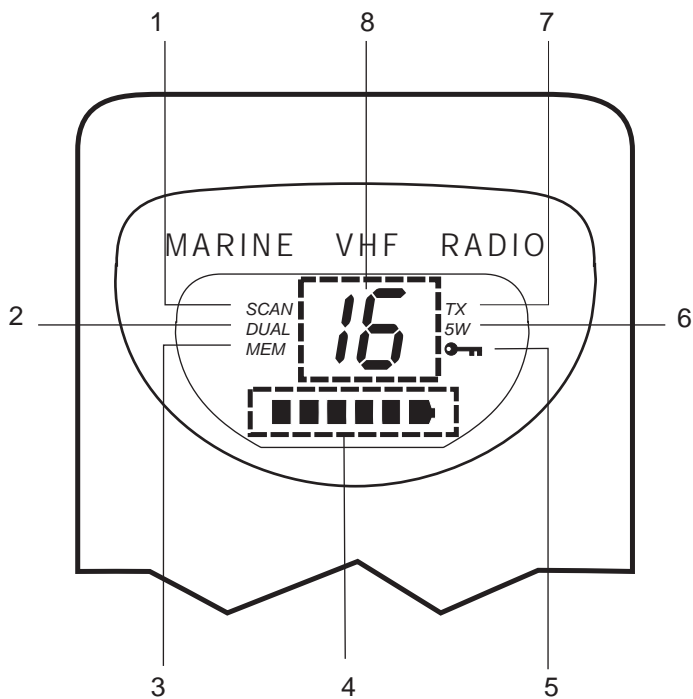
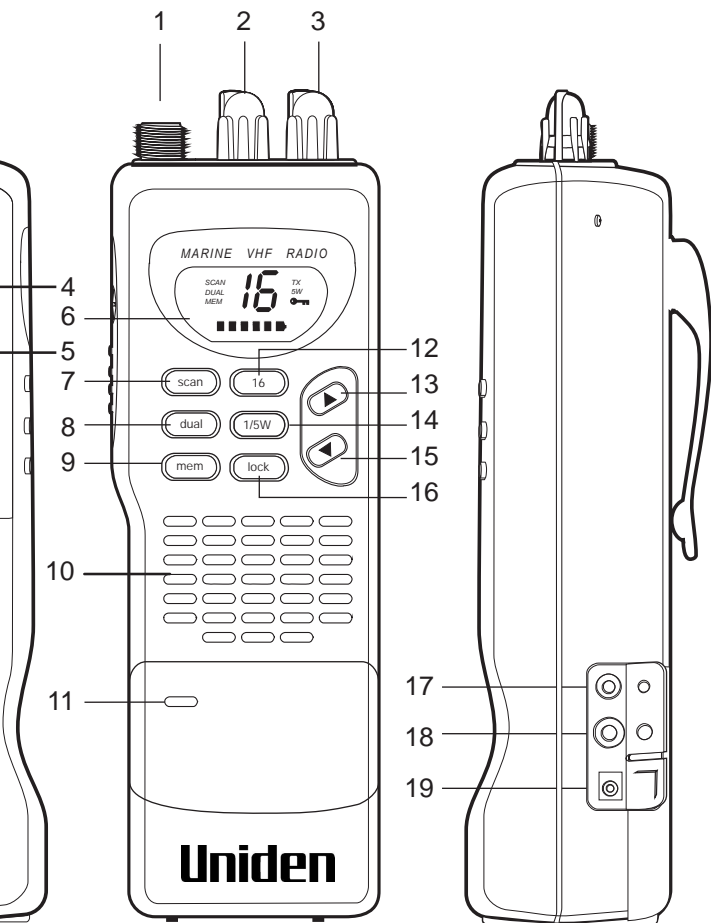
### Controls

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



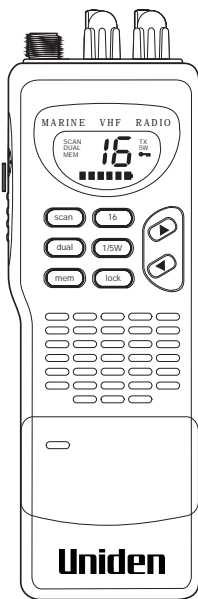
### Indicators

1. Scan Mode
2. Dual Watch
3. Memory Scan
4. Battery Level Indicator
5. Keypad Lock
6. 5 Watt Transmission
7. Transmit
8. Channel Number



## INCLUDED WITH YOUR HH955

If any of these items are missing from the box, please contact your Retailer.



1 - Radio



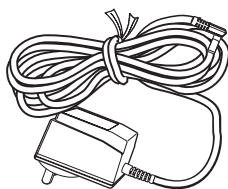
1 - Antenna



1 - Belt Clip



1 - Wrist Cord



1 - AC Adaptor

### NOTE

Batteries are not included.

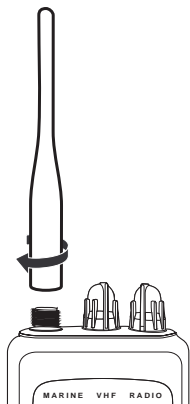
### Optional Accessories

Speaker Microphone (SM040)

## GETTING STARTED

### Antenna

Make sure the antenna is firmly seated.



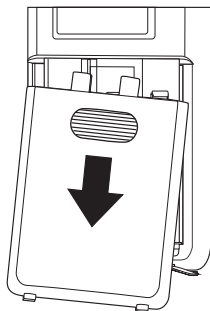
### Batteries

Your marine radio may be powered by either - nine AA rechargeable, nickel cadmium batteries - or nine AA alkaline batteries.

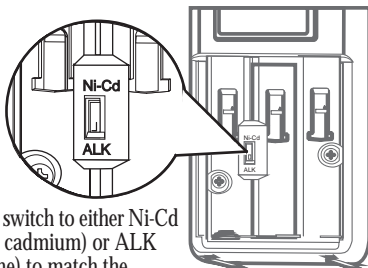
#### CAUTION

Do not mix NiCad and Alkaline batteries

- ➔ To remove the battery cover (back of HH955), press on the cover grip and slide

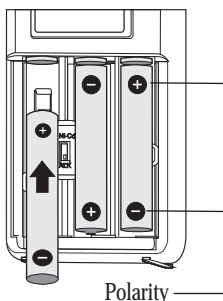


- ➔ Set the switch to either Ni-Cd (nickel cadmium) or ALK (alkaline) to match the batteries being used.



- ➔ Put nine batteries in the battery compartment. Check for correct + - polarity.

- ➔ Replace the battery cover.



#### NOTE

When removing batteries from the battery compartment, tap the radio against your hand to dislodge the batteries and allow them to slide out.

## AC Adaptor/Charger



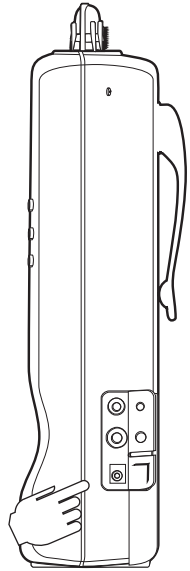
Make certain, that if you are using rechargeable nickel cadmium batteries in the radio, the switch is set to Ni-Cd. Refer to 'Batteries' page 5.

- Insert the AC Adaptor power cord connector into the **PWR/CHG** connection on the side of the radio.



The HH955 uses a 15 VDC AC adaptor (NOT a 12 VDC as indicated 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.
- Charge the batteries according to the manufacturers instructions.
- As soon as the batteries are charged, disconnect from the power source and radio.



## Battery Level Indicator

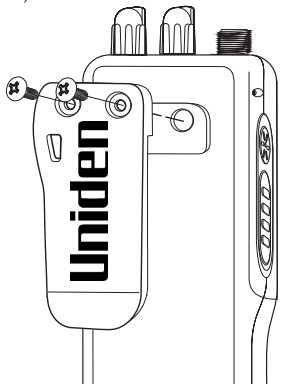
The battery level indicator will display the current strength of the battery. If the radio is using a large amount of power, such as when transmitting, the indicator will drop and recover when transmitting stops. The battery low warning tone will sound if there is not enough power to operate when transmitting. You may be able to continue by switching to 1 watt transmit power.

Important Points:

1. Do not over-charge - this will shorten the life of your rechargeable nickel cadmium batteries.
2. Use only the AC Adaptor (AAD955S) that comes with the HH955.
3. If Ni-Cad batteries are being used the battery level indicator may not display full, after charging .

## Belt Clip

- Attach the belt clip with the screws (included).



## OPERATION

- Refer to Controls and Indicators fold-out drawing on the inside of this guides cover.
- When you turn on your HH955, it is tuned to channel 16 the frequency for distress, safety and calling.

### Setting the Squelch

#### NOTE

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

- Turn the squelch rotary switch counterclockwise until you hear noise. Then turn the squelch rotary switch back clockwise just until the noise stops.

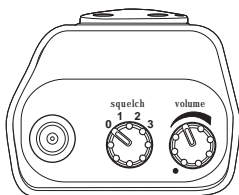
Adjust the 4 position **SQUELCH** rotary switch to eliminate background noise and select the signals you wish to receive.

Position 0 (counter clockwise) - squelch off.

Position 1 - (weak signals) squelch threshold

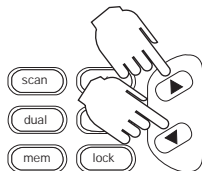
Position 2 - (medium signals) squelch medium

Position 3 - (strong signals) squelch maximum.



### Selecting a Channel

- To select a channel, press or .



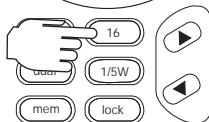
### One Touch Channel 16

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

- Select channel 19.



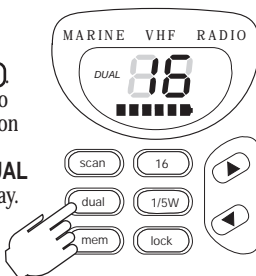
- To monitor channel 16, press the channel will change from 19 to 16.



- To return to channel 19, press again.

### Dual Watch

- When monitoring a channel, press . Now the HH955 also watches for activity on channels 16 and the channel selected. **DUAL** appears on the display.







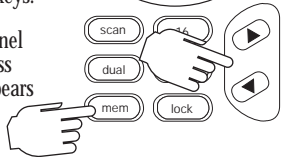
## Memory Channel Scan

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, using the up  or down  keys.

➔ To enter the channel into memory, press **mem**. MEM appears 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. MEM disappears from the display.

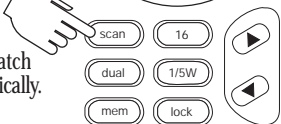
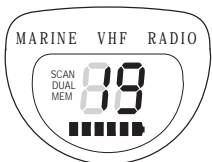


### Scanning Channels in Memory

➔ To start scanning channels in memory, press scan. When HH955 receives a transmission, SCAN appears in the display.

➔ Once you start scanning Dual Watch comes on automatically.

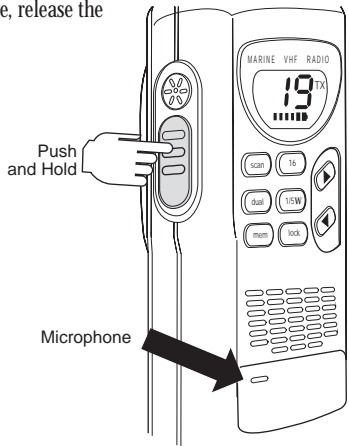
To stop Channel scanning, press **scan**.



While scanning you can press **dual** to toggle Dual Watch on and off.

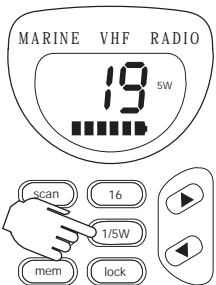
## Transmit

- ▶ To transmit, press and hold in the PTT (Push To Talk) key and speak into the microphone.
- ▶ To receive, release the PTT key.



## 1 Watt or 5 Watt Transmission

- ▶ The HH955 comes set to transmit at 5 watts. To save battery power, you can transmit at 1 watt.
- ▶ To switch between 1 and 5 watts transmission, press the **1/5W** key. The **5W** symbol disappears when transmitting on 1 watt.



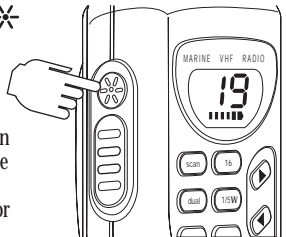
### NOTE

If the batteries are 'Low' when transmitting on 5 watts; the battery level indicator will drop to '0' and you will hear a continuous warning tone. Recharge the batteries or switch to 1 watt transmit power.

## Back Light

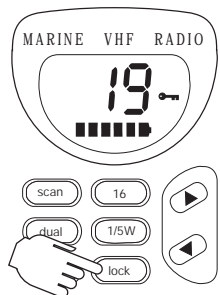
- ▶ Press and release the ✱ key - you hear a beep. The display lights for about 5 seconds.

If you press any key (on the front keypad) while the light is on, the display light stays on for another 5 seconds.



## Key Lock

- ▶ Press and hold the **lock** key until you hear two beeps. The keypad is locked. If you press any key on the keypad you will hear a warning beep.
- ▶ To unlock the keypad, press and hold the **lock** key until you hear two beeps.



# MARINE CHANNELS & FUNCTIONS

CHANNEL DESIG	FREQUENCY (MHz)		TYPE OF TRAFFIC	SHIP TO SHIP	SHIP TO SHORE
	TRANSMIT	RECEIVE			
01	156.050	160.650	Public Corresp,Duplex	No	Yes
02	156.100	160.700	Public Corresp,Duplex	No	Yes
03	156.150	160.750	Public Corresp,Duplex	No	Yes
04	156.200	160.800	Public Corresp,Duplex	No	Yes
05	156.250	160.850	Public Corresp,Duplex	No	Yes
06	156.300	156.300	Com'l, SAR Ops	Yes	No
07	156.350	160.950	Public Corresp,Duplex	No	Yes
08	156.400	156.400	Com'l, Port Ops	Yes	No
09	156.450	156.450	Port Ops	Yes	Yes
10	156.500	156.500	Port Ops	Yes	Yes
11	156.550	156.550	Port Ops	No	Yes
12	156.600	156.600	Port Ops	No	Yes
13	156.650	156.650	Port Ops	Yes	Yes
14	156.700	156.700	Port Ops	No	Yes
15	156.750	156.750	Simplex		
16	156.800	156.800	Safety Calling	Yes	Yes
17	156.850	156.850	Simplex		
18	156.900	161.500	Duplex		
19	156.950	161.550	Duplex		
20	157.000	161.600	Port Ops,Duplex	No	Yes
21	157.050	161.650	Duplex		
22	157.100	161.700	Duplex		
23	157.150	161.750	Public Corresp,Duplex	No	Yes
24	157.200	161.800	Public Corresp,Duplex	No	Yes
25	157.250	161.850	Public Corresp,Duplex	No	Yes
26	157.300	161.900	Public Corresp,Duplex	No	Yes
27	157.350	161.950	Public Corresp,Duplex	No	Yes
28	157.400	162.000	Public Corresp,Duplex	No	Yes
60	156.025	160.625	Public Corresp,Duplex	No	Yes
61	156.075	160.675	Public Corresp,Duplex	No	Yes
62	156.125	160.725	Public Corresp,Duplex	No	Yes
63	156.175	160.775	Public Corresp,Duplex	No	Yes
64	156.225	160.825	Duplex		
65	156.275	160.875	Duplex		
66	156.325	160.925	Public Corresp,Duplex	No	Yes
67	156.375	156.375	Safety Calling	Yes	Yes
68	156.425	156.425	Port Ops	No	Yes
69	156.475	156.475	Simplex		
71	156.575	156.575	Fishing	Yes	Yes
72	156.625	156.625	Port,Non Com'l/Com'l	Yes	No
73	156.675	156.675	Non Com'l	Yes	Yes
74	156.725	156.725	Com'l	Yes	Yes
77	156.875	156.875	Non Com'l,Fishing	Yes	No
78	156.925	161.525	Com'l	No	Yes
79	156.975	161.575	Port Ops	No	Yes
80	157.025	161.625	Duplex		
81	157.075	161.675	Duplex		
82	157.125	161.725	Duplex		
83	157.175	161.775	Public Corresp,Duplex	No	Yes
84	157.225	161.825	Public Corresp,Duplex	No	Yes
85	157.275	161.875	Public Corresp,Duplex	No	Yes
86	157.325	161.925	Public Corresp,Duplex	No	Yes
87	157.375	161.975	Public Corresp,Duplex	No	Yes
88	157.425	162.025	Public Corresp,Duplex	No	Yes

# SPECIFICATIONS

## General

Channels	Transmit 54 Receive 54
Frequency	Phase Locked Loop (PLL)
Frequency Tolerance	Transmit 0.001% Receive 0.001%
Operating Temperature	+14° F(-10° C) to + 131° F (+55° C)
Antenna	Flexible Whip
Microphone	Built-in Electret Type
Channel Display	Liquid Crystal Display
Speaker	8Ω 1Watt
Power Source	9AA Batteries (Alkaline or rechargeable NiCad)
Size (without antenna)	167mm H x 47mm D x 60mm W
Weight (with battery & antenna)	0.47Kg

## Transmitter

Frequency Range	156.025 ~ 157.425MHz
Frequency Stability	± 1.5KHz @ -10 to +5° C
Power Output	High 5 Watts Low 1 Watt
Spurious Emissions	5W -40dBm (Nominal)
Current Drain	High 1.3 Amp (Max.) 1.1 Amp (Nominal) Low 0.7 Amp (Max.) 0.6 Amp (Nominal)

## Receiver

Receiver Type	Dual conversion super Heterodyne Phase locked Loop system for Local Oscillator.
Frequency Range	156.300 ~ 162.025MHz
Sensitivity	0.3μV for 20dB SINAD (Nominal)
Squelch Sensitivity	Threshold 0.4 μV (Nominal)
Audio Frequency Response	+ 3dB to + 7dB @ 500Hz - 9dB to - 5dB @ 200Hz
Adjacent Channel Selectivity	72 dB @ ± 25 kHz (Nominal)
Hum & Noise Ratio	45 dB (Nominal)
Audio Output Power	(10% THD) 0.7w (Nominal)
Current Drain	Squelched 60 mA (Nominal) Audio 0.3 w output 140 mA (Nominal) Max. output 210mA (Nominal)

Specifications shown are typical and subject to change without notice.

## WARRANTY

**ELEMENT OF WARRANTY:** Uniden warrants the original retail owner for the duration of the Warranty, its HH955 (herein after referred to as the 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 retail owner only, shall terminate and be of no further effect 12 months after the date of original retail sale. This Warranty will be deemed invalid if the Product is; (A) Damaged or not maintained as reasonable and necessary, (B) Modified, altered or used as part of any conversion kits, sub-assemblies, or any configurations not sold by Uniden, (C) Improperly installed, (D) Repaired by someone other than an authorised Uniden Repair Agent for a defect or malfunction covered by this Warranty, (E) Used in conjunction with any equipment or parts or as part of a system not manufactured by Uniden. (F) Only available in the original country of sale.

**PARTS COVERED:** This Warranty covers for one (1) year, the HH955 Unit only. All accessories (AC adaptor, Cables etc.) are covered for 90 days only

**STATEMENT OF REMEDY:** In the event that the product does not conform to this Warranty at any time while the Warranty is in effect, the warrantor at its discretion will repair the defect or replace the Product and return it to you without charge for parts or service.

**THIS WARRANTY DOES NOT COVER OR PROVIDE FOR THE REIMBURSEMENT OR PAYMENT OF INCIDENTAL OR CONSEQUENTIAL DAMAGES. THIS GUARANTEE IS IN ADDITION TO AND DOES NOT IN ANY WAY AFFECT YOUR RIGHTS UNDER THE CONSUMER GUARANTEE ACT.**

**PROCEDURE FOR OBTAINING PERFORMANCE OR WARRANTY:** In the event that the Product does not conform to this Warranty, the Product should be shipped or delivered, freight prepaid, with evidence of original purchase (eg. a copy of the sales docket), to the warrantor at:

UNIDEN AUSTRALIA PTY LTD  
SERVICE DIVISION  
345 Princes Highway,  
Rockdale, NSW 2216  
Ph: (02) 9599 3355 Fax: (02) 9599 3278  
Toll Free: 1300 366 895  
[www.uniden.com.au](http://www.uniden.com.au)

UNIDEN NEW ZEALAND LIMITED  
SERVICE DIVISION  
150 Harris Road,  
East Tamaki, Auckland  
Ph: (09) 273 8383 Fx: (09) 274 4253  
Toll Free: 0800 4 UNIDEN  
(864 336)  
[www.uniden.co.nz](http://www.uniden.co.nz)

Customers in other States should ship or deliver the Product, freight pre-paid, to their nearest Uniden Authorised Repair Centre.

See Uniden's Website for your nearest Warranty Agent.

# THANK YOU

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## Uniden

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