

# HH 955

5 Watt Handheld  
VHF Marine Radio



OPERATING  
GUIDE

**Uniden**

## CONTENTS

|   |    |
|---|----|
| Contents . . . . .                      | 1  |
| Introduction . . . . .                  | 1  |
| Features . . . . .                      | 1  |
| Technical Support Service . . . . .     | 1  |
| Controls and Indicators . . . . .       | 2  |
| Included with your HH955 . . . . .      | 4  |
| Optional Accessories . . . . .          | 4  |
| Getting Started . . . . .               | 5  |
| Antenna . . . . .                       | 5  |
| Batteries . . . . .                     | 5  |
| AC Adaptor/Charger . . . . .            | 6  |
| Belt Clip . . . . .                     | 6  |
| Operation . . . . .                     | 7  |
| Setting the Squelch . . . . .           | 7  |
| Selecting a Channel . . . . .           | 7  |
| Dual Watch . . . . .                    | 7  |
| Memory Channel Scan . . . . .           | 8  |
| Transmit . . . . .                      | 9  |
| 1 Watt or 5 Watt Transmission . . . . . | 9  |
| Back Light . . . . .                    | 9  |
| Key Lock . . . . .                      | 9  |
| Marine Channels and Functions . . . . . | 10 |
| Specifications . . . . .                | 11 |
| Warranty . . . . .                      | 12 |

## 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.



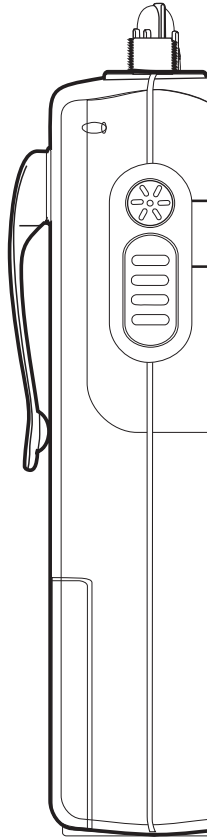
#### NOTE

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

# CONTROLS AND INDICATORS

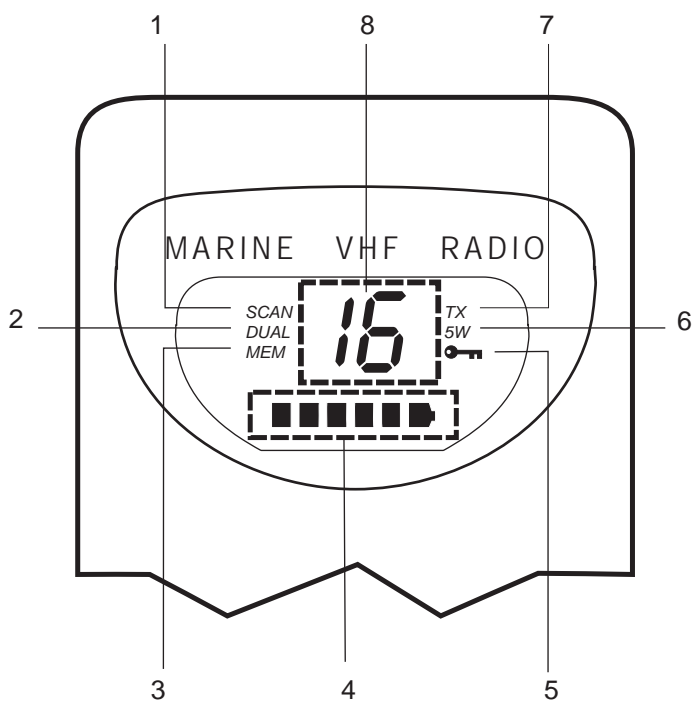
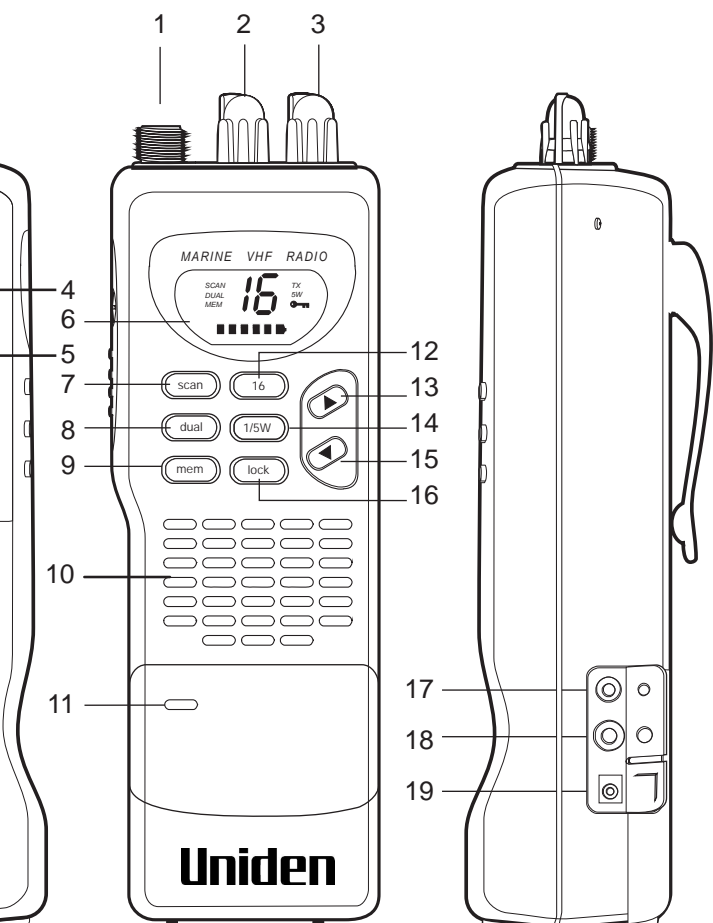
## Controls

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



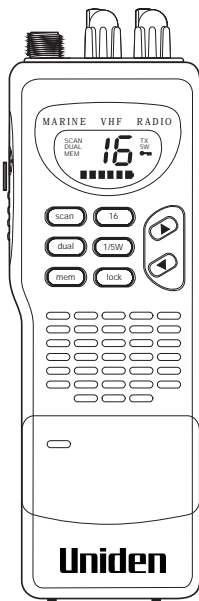
## Indicators

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.



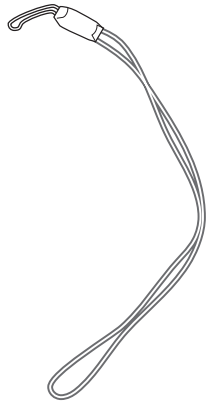
1 - Radio



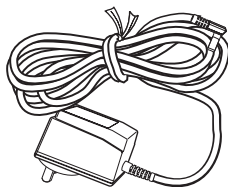
1 - Antenna



1 - Belt Clip



1 - Wrist Cord



1 - AC Adaptor

### NOTE

Batteries are not included.

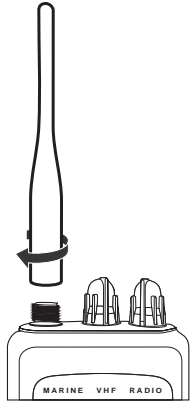
### Optional Accessories

Speaker Microphone (SM040)

## GETTING STARTED

### Antenna

Make sure the antenna is firmly seated.



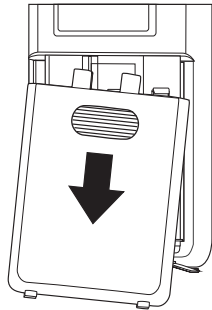
### Batteries

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

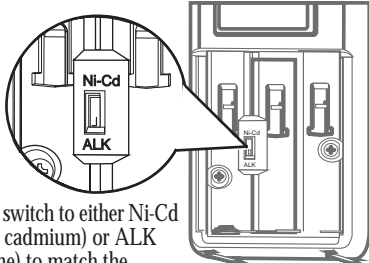
#### CAUTION

Do not mix NiCad and Alkaline batteries

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

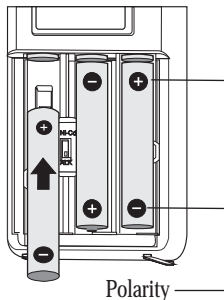


- ➔ Set the switch to either Ni-Cd (nickel cadmium) or ALK (alkaline) to match the batteries being used.



- ➔ 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.

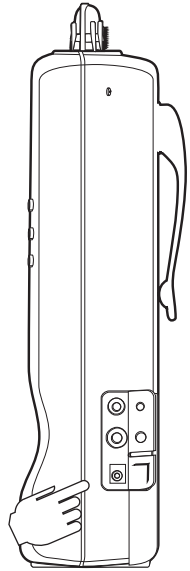


The HH955 uses a 15 VDC AC adaptor (NOT a 12 VDC as indicated on the side of the radio).

- ➡ 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

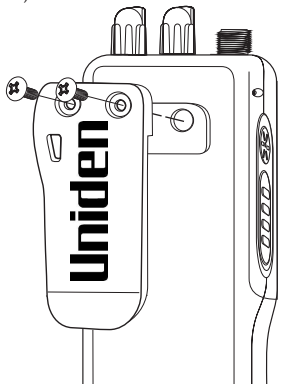
The battery level indicator will display the current strength of the battery. If the radio is using a large amount of power, such as when transmitting, the indicator will drop and recover when transmitting stops. The battery low warning tone will sound if there is not enough power to operate when transmitting. 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.

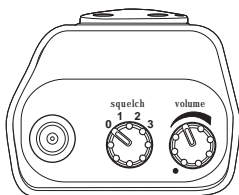
Adjust the 4 position **SQUELCH** rotary switch to eliminate background noise and select the signals you wish to receive.

Position 0 (counter clockwise) - squelch off.

Position 1 - (weak signals) squelch threshold

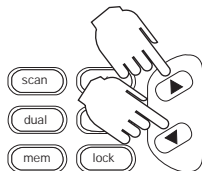
Position 2 - (medium signals) squelch medium

Position 3 - (strong signals) squelch maximum.



### Selecting a Channel

- To select a channel, press or .



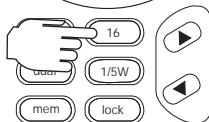
### One Touch Channel 16

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

- Select channel 19.



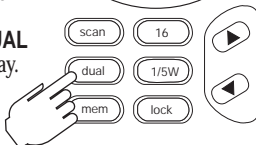
- To monitor channel 16, press the channel will change from 19 to 16.



- 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.





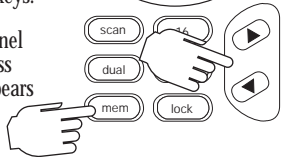
## Memory Channel Scan

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.

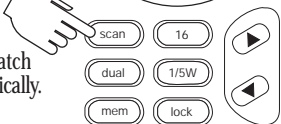
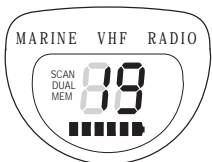


### Scanning Channels in Memory

➔ 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.

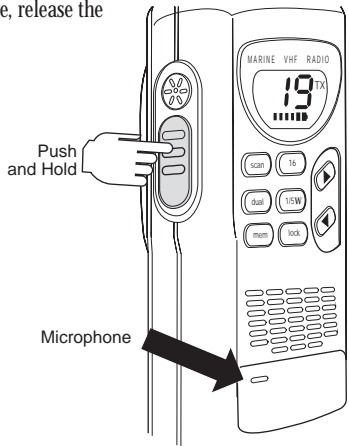
To stop Channel scanning, press **scan**.



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

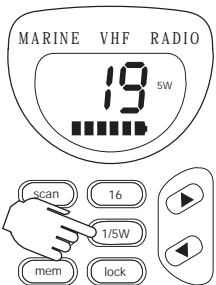
## Transmit

- ▶ 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.



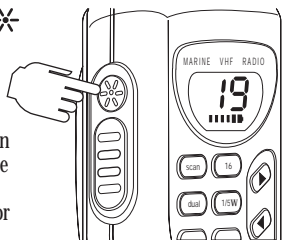
### NOTE

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

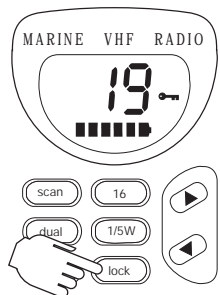
- ▶ Press and release the ✱ key - you hear a beep. The display lights for about 5 seconds.

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<br>DESIG | FREQUENCY (MHz) |         | TYPE<br>OF TRAFFIC    | SHIP<br>TO SHIP | SHIP<br>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<br>Receive 54                         |
| Frequency                       | Phase Locked Loop (PLL)                           |
| Frequency Tolerance             | Transmit 0.001%<br>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<br>(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<br>Low 1 Watt  |
| Spurious Emissions  | 5W -40dBm (Nominal)   |
| Current Drain       | High 1.3 Amp (Max.)<br>1.1 Amp (Nominal)<br>Low 0.7 Amp (Max.)<br>0.6 Amp (Nominal) |

## Receiver

|                              |   |
|------------------------------|---|
| Receiver Type                | Dual conversion super Heterodyne<br>Phase locked Loop system for<br>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<br>- 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)<br>Audio 0.3 w output<br>140 mA (Nominal)<br>Max. output<br>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

FOR PURCHASING A UNIDEN PRODUCT

**Uniden**

© 2001

Uniden Australia Pty Limited

Uniden New Zealand Limited

Printed in the Philippines

UTZZ01884ZZ

## Free Manuals Download Website

<http://myh66.com>

<http://usermanuals.us>

<http://www.somanuals.com>

<http://www.4manuals.cc>

<http://www.manual-lib.com>

<http://www.404manual.com>

<http://www.luxmanual.com>

<http://aubethermostatmanual.com>

Golf course search by state

<http://golfingnear.com>

Email search by domain

<http://emailbydomain.com>

Auto manuals search

<http://auto.somanuals.com>

TV manuals search

<http://tv.somanuals.com>