UH15 Series UHF CB Transceiver

OWNER'S MANUAL

Charging Rechargeable Batteries



Do not charge alkaline or non rechargeable batteries.

Plug the DC end of the DC/USB charge cable into the radio's DC charge port, and the USB end to a standard USB charge port, or USB port of an AC adaptor (not included). Plug the AC adaptor into the wall outlet

- · Before operating the radio, charge the rechargeable batteries for 16 hours without interruption
- Do not transmit when the radio is charging.

Low Battery Alert

If the battery level becomes low, the unit will go into a Battery Low Mode. The Transmit Mode is disabled. Replace Alkaline batteries immediately, or recharge NiMH rechargeable batteries immediately to continue using the radio.

Power Save

Your UH15 Series has a unique circuit designed to dramatically extend the life of the batteries. If there is no transmission nor an incoming call within 5 seconds, your Radio switches to the Power Save mode. The Radio is still able to receive transmissions in this mode

Back Light

The UH15 has an automatic display back light which remains on for 3 seconds after a key press (all keys except PTT key). The back light will work even if the keypad is locked but will not work

during low battery alert mode. 4

Checking the Channel Before Transmitting

For uninterrupted communication, do not talk on a channel if someone else is currently talking on it.

To check for activity on a channel before you talk, press and hold MON. If you hear static, the channel is clear to use.

Push to Talk Timeout Timer

To prevent accidental transmissions and save battery life, the radio emits a continuous warning tone and stops transmitting if you press PTT for 60 continuous seconds

CTCSS (Privacy) Codes

CTCSS is a feature that allows a group to talk to each other without hearing other users on the same channel. The radios in your group must be set to the same CTCSS code. There are 38 codes to choose from. You can set a different code for each channel using this procedure.

- 1. Set a desired channel to use CTCSS on (example CH 01).
- 2. Press MENU two times. The code number flashe 3. Press UP or DOWN to select a code from 01 to 38.
- Example shows Channel 01 with a CTCSS code of 38.



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Set to 00 to disable the feature 4. Press PTT to save the code setting.

with another radio which is not using CTCSS.

NOTE: Set the CTCSS Code to 00 if you want to communicate

UHF CHANNELS & FREQUENCIES



Always listen on a channel (or observe the receive signal level meter) to ensure it is not already being used before transmitting.

- CTUSS will not operate on these cnannels.

 Please follow these guidelines for channel use in Australia:

 Channels 05 and 35 are Emergency Channels.

 Channel 11 is a Calling Channel.

 Channels 22 and 23 are for telemetry and telecommand applications, channels 61, 62 and 63 are for future use and TX is inhibited on these channels.
- General communication is accepted on all other channels with these guidelines:

 Channel 40 road channel (Australia).

 Channels 01-08 (and 31-38), and Channels 41-48 (and 71-78) are repeater channels.

- ortant information 80 Channel UHF-CB channel expansion

This simply means that the new narrowband radio you have purchased

A list of currently authorised channels can also be obtained from the ACMA website in Australia and the MBIE website in New Zealand.

When a new narrowband radio receives a signal from an older wideband radio the speech may sound loud. Narrowband radios operating on CH41 - CH80 may encounter interference from a nearby wideband radios transmitting on high power on an adjacent channel (frequency).

When an older wideband radio receives a signal from a new narrowband radio the speech may sound quiet - the wideband radio user simply adjusts their radio volume for best performance.

CONTROLS & INDICATORS

Included in your Package

- UH15 Series Radio
- Operating Guide

2 SCAN

(3) ▲ UP

(5)

4 Speaker

Belt Clips

O Power On/Off

Accessary Port

6 Display Screen 7 MENU

A Key Lock

(8) CALL Call tone

(10) Microphone

OPERATION

MON Monitor

DC Charging Port*



 DC/USB charge cable* Display Icons: See page 2 1 PTT (Push-to-Talk) /Exit from MENU



* Requires 3 AA rechargeable batteries to use this feature NiMH rechargeable batteries are recommended.

Turning Your Radio On and Off

When turning on, the radio chirps and the display briefly shows all the display icons before showing the current standby mode of your radio.



Setting the Volume

Press the **UP** button to increase the speaker volume Press the **DOWN** button to decrease the speaker volume. The speaker volume setting is indicated by 'UL'. The volume level range is from 1 (minimum) to 16 (maximum).

1. Press and release **SCAN**. The **\(\rightarrow\)** indicator displays.

When the radio detects channel activity, it stops scanning and

you can hear the transmission. To respond to the transmission,

If the radio stops scanning on a channel you do not want to listen

to, briefly press and release UP or DOWN to resume scanning

Your radio can transmit different call tones (wake-up tone) to

1. Press the MENU three times. 'CA' appears on the display.

2. Press **UP** or **DOWN** to change and hear the next call tone.

NOTE: Set the call tone to 0 to disable the call tone feature

NOTE: Current regulations require calling tones to be restricted

to one transmission per minute. If a second transmission is

attempted within one minute then an error tone will sound.

There are 10 call tones to choose from (1-10)

other radios in your group so you can alert them that you want to

press PTT within 5 seconds, the channel will be confirmed.

Setting and Transmitting Call Tones

The current call tone setting flashes.

3. Press $\mbox{\bf PTT}$ to set the new call tone.

Press CALL to transmit the call tone.

2. Press and release SCAN again to disable scanning.

188 Ex. lowest volume

Scanning Channels

The **Z** indicator disappears.

for the next active channel.

Ex. highest



MENU List

- Press MENU - Press **MENU** again
- Open the MENU Step through MENU Exit the MENU
- Press PTT

Channel Number

Battery Level

Key Lock is on

Your radio requires 3 AA Alkaline batteries or 3 AA NiMH

1. With the back of the radio facing you, locate the latch to

2 Install 3 AA Alkaline batteries or 3 AA NiMH rechargeable

batteries as shown on the inside of the battery compartment.

release the battery cover and remove the cover.

VOX is on

Rechargeable batteries (not supplied).

GETTING STARTED

Installing Batteries

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One	CHANNEL setting
Two	CTCSS Code setting
Three	Call Tone setting
Four	VOX setting
Five	Dual Watch (2nd Channel) setting
Six	Squelch Level setting

Seven

The UH15 uses the UHF-CB channels (CH01-CH80). See UHF CHANNELS & FREQUENCIES, page 12 for channel usage

- 1. Press MENU one time. The current channel flashes. 2. Press UP or DOWN button to select a desired channel
- 3. Press PTT to confirm and save the channel setting.



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3. Replace the battery cover and press down to secure

Radio Battery Meter

Battery bars indicate the battery level . When the battery meter shows 1 bar, the device goes into low battery mode and indicates low battery in the form of an alert tone.



CTCSS Code for

current Channel

Roger Beep is on

Scan is on

TX/RX Icon

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- Remove the batteries from the radio for storage purposes.
- Batteries may corrode over time and cause
- permanent damage to your devices.
 Do not mix and use old/new/alkaline/NiMH batteries.
- Only charge NiMH rechargeable batteries.
 Charge rechargeable NiMH batteries once every
- 3 months when not in use.

Belt Clip

To attach:

Slide the belt clip down into the catch until it snaps into place

Pinch and hold belt clip latch and slide the belt clip up.

Setting the SQUELCH Level 1-6

The squelch mutes the speaker audio unless a strong enough signal is present. The level is preset to a medium setting and can be adjusted if needed.

1. Press MENU six times. 'SL' appears on the display. The current setting (1-6) will flash.

2. Press UP or DOWN to select the receive sensitivity level

- 1 = High receive Sensitivity (weak signal area) 2~5 = Medium receive Sensitivity
- 6 = Low receive Sensitivity (strong signal area)

Talking and Listening

To communicate, all radios in your group must be set to the same Channel (and the same CTCSS Code if it is set).

To talk, press and hold PTT. The transmit power is 0.5 Watt. Hold the radio 5 to 7 cm away from your mouth when speaking When you are finished speaking, release PTT to listen



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For maximum range and extended the life of the batteries, avoid touching the antenna with your hand when transmitting





NOTE: You can only activate Duplex on Channels 01-08 and 41-48. When Duplex is ON for a repeater channel, the display shows r1-r8 for Channels 01-08 and n1-n8 for Channels 41-48.

Operation With the Aid of a Repeater



Eg. CH01 is being used in your area for repeater use.

- Press MENU seven times. 'r P' setting flashes
- Press UP or DOWN to change the change the setting ON or OFF. Press PTT to save

Key Lock ON/OFF

1. To lock the key pad:

- Press and hold until the key lock indicator appears.
- To unlock the key pad:
 Press and hold until the key lock indicator disppears.

Key Beep ON/OFF

Press and hold the **DOWN** button while turning the radio ON to switch the keypad tone ON or OFF.

Roger Beep ON/OFF Press and hold the **UP** button while turning the radio ON to turn

Roger Beep ON or OFF.

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Statement of Remedy: If the Product is found not to conform to this warranty

as stated above, the Warrantor, at its discretion, will either repair the defect or replace the Product without any charge for parts or service. This warranty does not include any reimbursement or payment of any consequential damages claimed to arise from a Product's failure to comply with the warranty. Our goods come with guarantees that cannot be excluded under the Australiar Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage.

You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure This warranty is in addition to and sits alongside your rights under either the

COMPETITION AND CONSUMER ACT 2010 (Australia) or the CONSUMER GUARANTEES ACT (New Zealand) as the case may be, none of which can be

Procedure for obtaining warranty service: Depending on the country in which the Product was first purchased, if you believe that your Product does not conform with this warranty, you should deliver the Product, together with satisfactory evidence of your original purchase (such as a legible copy of the sales docket) to Uniden at the address shown below. You should contact Uniden regarding any compensation that may be payable for your expenses incurred in making a warranty claim. Prior to delivery, we recommend that yo make a backup copy of any phone numbers, images or other data stored on your Product, in case it is lost or damaged during warranty service

UNIDEN AUSTRALIA PTY LTD Phone: 1300 366 895 Email: custservice@uniden.com.au

WARRANTY

UNIDEN UH15 Series UHF CB Transceiver

IMPORTANT: Satisfactory evidence of the original purchase is required

Please refer to our Uniden website for any details or warranty durations offered in

Warrantor: The warrantor is Uniden Australia Pty Limited ABN 58 001 865 498

Terms of Warranty: Uniden Aust warrants to the original retail purchaser only that the UH15 Series ("the Product"), will be free from defects in materials and craftsmanship for the duration of the warranty period, subject to the limitations and exclusions set out below.

Warranty period: This warranty to the original retail purchaser is only valid in the original country of purchase for a Product first purchased either in Australia or New Zealand and will expire one (1) year from the date of the original retail sale. If a warranty claim is made, this warranty will not apply if the Product is found by

- Damaged or not maintained in a reasonable manner or as recommended in the relevant Uniden Owner's Manual; Modified, altered or used as part of any conversion kits, subassemblies or any configurations not sold by Uniden; Improperly installed contrary to instructions contained in the relevant Owner's Manual Repaired by someone other than an authorized Uniden Repair Agent in relation to a defect or malfunction covered by this warranty; or Used in conjunction with any equipment, parts or a system not manufactured by Uniden.

User-generated Data: This warranty does not cover any claimed loss of or damage to user-generated data (including but without limitation phone numbers

Duplex Mode (Repeater) setting

Use scanning to monitor channels for transmissions or to find someone in your group who has accidentally changed channels.

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Transmission is initiated by speaking into the microphone of the radio instead of pushing the PTT button. To activate VOX: 1. Press **MENU** four times. (appears on the display.

Voice Operated Transmission (VOX)

- The current setting (oF, 1-3) will flash. 2. Press UP and DOWN button to select the sensitivity level.
 - 3 = High Sensitivity (for noisy areas)

3. Press PTT to set the new setting.

- 2 = Medium Sensitivity
- 1 = Low Sensitivity (for quieter areas) oF = Turn Off VOX function

Dual (Channel) Watch

You can monitor a second channel along with the current

- channel with this setting. 1. Press MENU five times. 'CH' appears on the display The second channel to monitor will flash. (OF, 01 - 80) If the setting is OF, then Dual Watch is disabled.
- 2. Press **UP** or **DOWN** to set the 2nd channel to monitor. 3. Press PTT to save the setting and dual watch will be enabled. The second channel will be monitored intermittently.

To Operate in Duplex Mode (Repeater Mode)

The Duplex function enables you to access local repeater stations. UHF CB Repeaters are used to retransmit or relay your signal. Repeaters will extend the range of your radio and overcome the shielding effect caused by solid obstructions



Channels 5 and 35 are used for emergency channels. CTCSS will not operate on these channels.

- To provide all users additional channel capacity within the UHF-CB Band. The ACMA will change the majority of the current wideband 40 channel use to narrowband channel use. This allows for additional channels to be added, up to 80 Channels.

will have more channels than older radios. Please refer to the guidelines above and the channel chart for further channel information. Interference / Poor Audio

user simply adjusts their radio volume for best periormance.

The above situations are not a fault of the radio but a symptom of mixed wideband and narrowband radios in current use. It is expected that as older wideband radios are phased out this issue will be eliminated.

User License Information USER LICENSE INFORMATION

NOTE

The citizen band radio service is licenced in Australia by ACMA Radio-communications (Citizen Band Radio Stations) Class Licence and in New Zealand by MBIE General User Licence for Citizen Band Radio and operation is subject to conditions contained in those licenses.

CTCSS Codes 01 - 38 Frequency (Hz) No (Hz) Code Frequency (No (Hz) No (Hz) Code Frequency (Hz) No (Hz) 67 11 97.4 21 136.5 31 192.8

131.8 30 186.2 94.8 20 10

2	71.9	12	100	22	141.3	32	203.5
3	74.4	13	103.5	23	146.2	33	210.7
4	77	14	107.2	24	151.4	34	218.1
5	79.7	15	110.9	25	156.7	35	225.7
6	82.5	16	114.8	26	162.2	36	233.6
7	85.4	17	118.8	27	167.9	37	241.8
8	88.5	18	123	28	173.8	38	250.3
9	91.5	19	127.3	29	179 9		

Parts Covered: This warranty covers the Product and included ac

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addresses and images) that may be stored on your Product. 14 Uniden

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WATER WARNING Uniden does not represent this product to be waterproof. Do not expose this product to Rain or Moisture.

71.9	12	100	22	141.3	32	203.5
74.4	13	103.5	23	146.2	33	210.7
77	14	107.2	24	151.4	34	218.1
79.7	15	110.9	25	156.7	35	225.7
82.5	16	114.8	26	162.2	36	233.6
85.4	17	118.8	27	167.9	37	241.8
88.5	18	123	28	173.8	38	250.3
91.5	19	127.3	29	179.9		