Operating Instructions

UHF098 80 Channel UHF Citizen Band Radio

Keep this user guide for future reference. Always retain your proof of purchase in case of warranty service.

www.oricom.com.au

When a narrowband radio receives a transmission from an older wideband radio the speech may sound loud and distorted – simply adjust your radio volume for the best listening performance. When an older wideband radio receives a signal from a new narrowband radio the speech may sound quieter - simply adjust your radio volume for best listening performance. When operating a narrowband radio or Channel 41 - 80 interference is possible from wideband radios transmitting on high power or on adjacent frequency.

The issues described above **are not a fault of the radio** but a consequence of mixed use of wideband and narrowband radios.

R-NZ

This unit complies with all relevant Australian
and New Zealand approval requirements
AS/NZS 4365:2011

oricom®

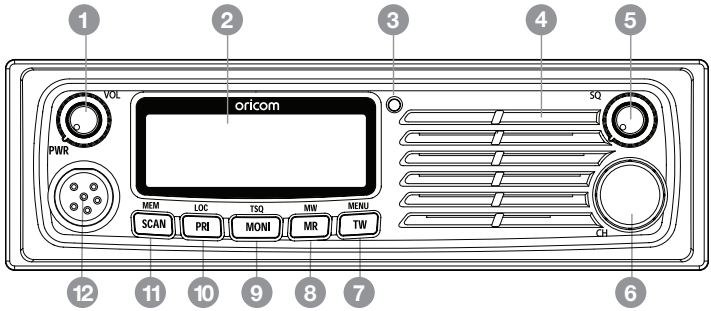
Need Help?

If you need assistance setting up or using your Oricom product now or in the future, call Oricom Support.

Australia	(02) 4574 8888 www.oricom.com.au Mon-Fri 8am – 6pm AEST
New Zealand	0800 67 42 66 www.oricom.co.nz Mon-Fri 10am – 8pm NZST

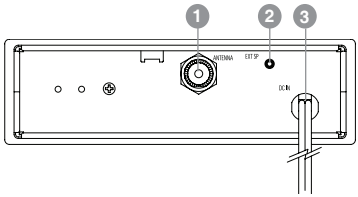
Controls and Indicators

Front View



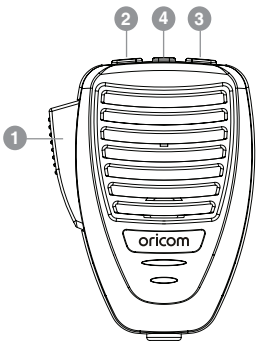
1. Rotary On/Off switch and Volume control
2. LCD display
3. RX/TX LED indicator
4. Speaker
5. Rotary Squelch control
6. Rotary Channel control
7. Triple watch/Menu
8. Memory recall/Memory write
9. Monitor On/Off/Tone squelch On/Off
10. Priority channel recall/Key lock
11. Scan/Memory skip
12. Microphone connector

Rear View of Radio



1. Antenna connection
2. 3.5mm external jack for optional 8 ohm speaker
3. Power supply connection

Microphone



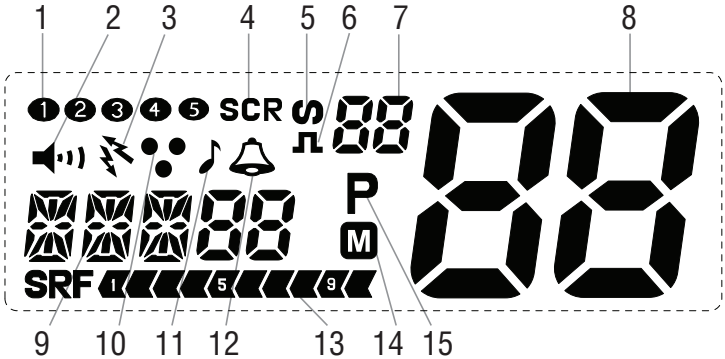
1. Push to talk
2. Channel Down (P1)
3. Channel Up (P3)
4. Instant Channel (P2)

INS: Priority channel recall

You can select a priority channel in the menu under the “PRI” setting.

Your can recall priority channel by pressing INS button.

LCD Icons & Indicators



1. Memory address
2. Monitor on
3. Duplex on
4. Scrambler on
5. CTCSS on
6. DCS on
7. CTCSS or DCS channel display
8. Channel display
9. Status display
10. Triple watch on
11. Beep tone on
12. Roger Beep tone on
13. Signal strength & TX meter
14. Memory channel
15. Priority channel on

Installation

Box Contents

1 X UHF098 CB RADIO
1 X Microphone
1 X DC Power cord with inline fuse
1 X Mounting bracket with mounting screws
1 X Microphone hanger
1 X DIN mounting kit
1 X User guide

Using the DIN Kit

The UHF098 comes complete with a DIN kit for mounting in a vehicle dash board.

Installation

When installing your radio in your vehicle, check that during installation you do not damage any wiring or vehicle components that may be hidden around the mounting position.

Ensure the installation does not interfere with the operation of the vehicle and meets all regulatory and safety requirements for accessories fitted to your vehicle.

For optimum performance your radio needs to be installed correctly. If you are unsure about how to install your radio, we suggest you have your radio professionally installed by a UHF specialist or Auto electrician. When installing the radio, avoid mounting it close to heaters or air conditioners. Never press the PTT button before connecting the antenna to the radio.

Wiring Methods

There are two possible wiring configurations for connecting to the vehicles power supply.

A. Radio stays ON when the ignition is switched OFF

Connect the radio's negative (black) lead to the vehicle chassis, or directly to the battery's negative terminal.

Connect the radio's positive (red) lead via the 3 Amp fuse to the battery's positive terminal. Alternatively, the positive lead could be connected at the fuse box at a point that has DC Power continuously available (preferably the battery side of the ignition switch) via the 3 Amp fuse.

B. Radio turns OFF with the ignition switch

Connect the radio's negative (black) lead to the vehicle's chassis, or directly to the battery's negative terminal.

The radio's positive (red) lead should connect to an accessory point in the vehicle's fuse box via the 3 Amp fuse.

Antenna information

The antenna (not supplied) is of critical importance to maximize your output power and receiver sensitivity.

A poorly installed, inferior quality antenna, or one not designed for the correct frequency band, will give poor performance. You should only purchase an antenna designed for the 477MHz frequency band.

Antenna installation

1. If the antenna is fitted with an FME connector you will require a FME to PL259 adapter to fit the connector on the rear panel of the radio.
2. To obtain maximum performance from the radio, select a high quality antenna and mount it in a good location.

   Never press the PTT before connecting the antenna to the radio.

Optional accessories

If required, you may install an external (8 ohm, minimum 5W power) speaker fitted with a 3.5mm plug (not supplied).

Operations

Power On/Off

Rotate the power switch in a clockwise direction to turn the unit on, adjust the volume to a comfortable level, rotate the Power Switch counter clockwise until it clicks to turn off the power. At power on, the current applied DC voltage is displayed numerically as shown below. Special over and under voltage detection circuitry protects the radio and warns of excessive voltage conditions by the LCD flashing the 7 backlight colours.

Squelch

To adjust the level of squelch use the rotary SQL control. Turning the control counter clockwise reduces the amount of squelch, and turning clockwise will increase the amount of squelch. To reduce the signals that you can hear, increase the squelch, to hear more signals which may include weak signals decrease the squelch.

To Select a Channel

To select a channel rotate the CH control clockwise or counter clockwise to the desired channel.

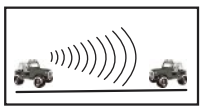
Transmitting

Note: Before transmitting on any channel, listen to check the channel is not already in use.

Select the desired channel. Press the PTT button on the microphone and speak normally into the microphone. Hold it approx.7 cm from your mouth. Release the PTT button to end the transmission and listen for a reply.

Transmitting range

The talk range depends on the environment and terrain, it will be affected by concrete structures and heavy foliage.



Optimal Range Outdoors Flat, open areas

Medium Range Outdoors Buildings or trees Also near residential buildings

Minimal Range Outdoors Dense foliage or mountains. Also inside some buildings

Scanning

The Scan feature allows you to search for active channels automatically.

There are three scanning modes: Open Scan, Priority Scan, Memory Scan

These three scan modes can be selected from the menu.

Open scan

Press Scan/MEM button and scanning starts. The OS sub menu display appears on the LCD.

The scan direction can be changed at any time by rotating the channel selector left or right.

This can also be controlled by microphone up and down buttons.

To stop Scan, press Scan/MEM Button or PTT button.

When a signal is found, scanning will stop at that channel to allow the signal to be heard, then resume scanning when the channel is clear again.

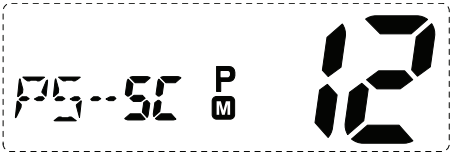
CH 1-2-3-4-5-6-7 ….. 77-78-79-80

Priority scan

With Priority Scan, The radio scans for activity, but in addition, it also inserts your Priority Channel into the scan sequence.

This means that your Priority Channel will be monitored regularly while scanning to ensure that no calls are missed. Any signal received on your Priority Channel will take precedence over any signals received on the other channels.

CH 1-2-3-4-5- PRI CH - 6-7-8-9-10- PRI CH…..76-77-78-79-80



Memory scan

The memory channel Scan feature allows the radio to automatically scan through 5 memory channels.

The radio scans automatically the 5 memory channels and stops where radio traffic is detected.

Note: Please program 5 channels of your choice as memory channels.

See instructions on page 16 to save memory channels.

The default channels are shown below.

Memory	Memory 1	Memory 2	Memory 3	Memory 4	Memory 5
Location	Scan/MEM	PRI/LOC	MONI/TSQ	MR/MW	TW/MENU
Channels	1	20	30	40	80

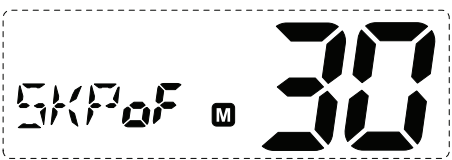
MEM (Remove Memory in Scanning)

You may want to remove a channel from scan due to constant noise, using CH30 as the example:

1. If you are scanning, stop scan by press SCAN/MEM.
2. Select channel CH30 to skip during scan.
3. Press and SCAN/MEM button for 2 seconds until “SKPon” will appear.
4. Press SCAN/MEM button for scan start.
5. Channel 30 is removed from the scan.

SCAN 28-29-30-31-32…. 77-78-79-80

MEM Off SCAN 28-29-31-32…. 77-78-79-80



Note: To enable a skipped channel to scanning again, select the channel, then press and hold SCAN/MEM until SKPoF appears.

Priority Channel Recall

You can select a priority channel through the menu in the “PRI” setting.

To recall the priority channel press the PRI/LOC button.

“P” will appear along with the priority channel number.

This priority channel will also be automatically monitored during Priority scan.

Key Lock

To prevent accidental entries, you can lock the key pad.

To enable “Key on” function:

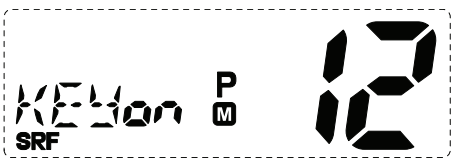
* Press hold “PRI/LOC” button. “KEYon” will then appear when the key lock is active, a warning beep will be heared if you attempt to press keys.

Note: The PTT and key lock button do not lock.

Warning beep is only active if beep function is turned on.

* To disable the Key lock function.

* Press hold “PRI/LOC” button. “KEYon” will then appear.



Monitor Function

The monitor button is used for temporarily opening the squelch, in order to listen to signals that are too weak to keep the squelch permanently opened.

For brief listening, press Monitor briefly to turn Squelch off, press briefly again to turn Squelch back on.

Selecting the Required CTCSS or DCS Tone

To pre-select the CTCSS tone or DCS on your radio, please refer to the MENU setting.

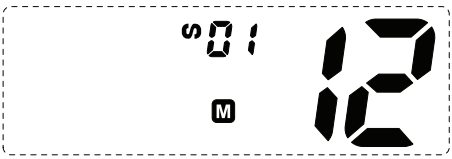
Enabling CTCSS or DCS on a channel

If a CTCSS tone has been selected, it can be enabled on individual channels.

Press and hold the MO/TSQ button.

Disabling CTCSS or DCS on a Channel, repeat press and hold MO/TSQ button.

Note: CTCSS and DCS will not operate on channel 5 and 35.



Memory recall channels

To access memorized channels simply press the “MR/MW” button then one of the M1 to M5 buttons.

Memory	Memory 1	Memory 2	Memory 3	Memory 4	Memory 5
Location	Scan/MEM	PRI/LOC	MONI/TSQ	MR/MW	TW/MENU
Channels	1	20	30	40	80

Memory write channels

The memory write button is used to store a channel in the memory location M1 to M5.

To store channels:

- Select the desired channel with rotary knob.
- Press and hold MR/MW button.
- Select the location you would like to store the channel by pressing M1, M2, M3, M4 or M5.

Triple Watch Function

Pressing the TW/MENU button activates the Triple watch function.

The Triple Watch feature allows for monitoring of 2 or 3 channels.

The currently displayed channel and 2 more channels saved in TRI1 and TRI2.

To store the channels in TRI1 or TRI2, select the channels and features CTCSS/DCS/Duplex on the display then enter menu mode and save the channel in TRI1 or TRI2.

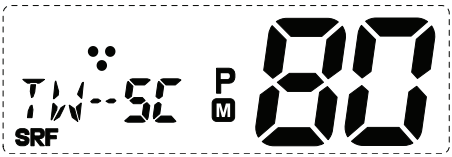
If only one additonal channels is required, then select “Off” in TRI2.

Once Watch is activated, by pressing the TW/MENU button, the TRI1 and TRI2 channels are checked in the following sequence. Main channel is checked for 0.7 of a second, the TRI1 for 0.15 seconds, TRI2 for 0.15 seconds and the back to the Main channel.

The sequence is repeated until a signal is detected or radio is switched off.

If there is a signal present on TRI1 or TRI2, The radio will wait on that channel for 5 seconds after the signal is no longer present, then revert to Tri Watch operation.

Triple Watch can be disabled by pressing any key.



Note: The default value of TRI1 AND TRI2 is off, you must store a channel to use this feature.

If you try to use it unsaved, LCD will display “Empty”.

Menu Function

The Menu provides a convenient method of customizing some of the radios functions.

The following menu options are available. Note that some items are only available on certain channels.

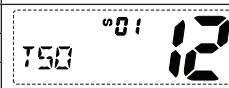
To access the Menu functions:

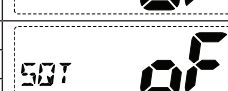
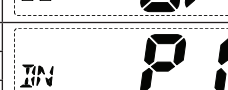
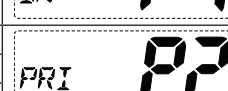
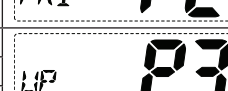
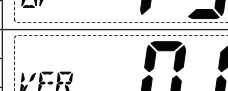
1. Press and hold the TW/MENU button. The first menu function is displayed.
2. Briefly press the menu button to cycle through each available function.
   After the last function has been selected, the cycle automatically exits the menu.
3. Use the up or down channel rotary selector to change the parameters of the selected function.
4. To exit the menu, press PTT button or press and hold the menu button for 2 seconds.

The following feature can be selected by using the “MENU” button:

1) User selectable 38 CTCSS and 104 DCS codes (CTCSS or DCS cannot be enabled on channel 5 and 35)
2) Scrambler setting (Off, 1 to 5 different frequencies)
3) LCD backlight colour (7 colour)

4) LCD backlight level (Bright or Dimmer d0 to d5)
5) Duplex On/Off
6) Priority channel memory (1 to 80 Channel)
7) Scan mode (Open/Priority/Memory scan)
8) Scan resume time (P5, 5,10,15)
9) Busy channel lockout (On or Off)
10) Key beep tone (On or Off)
11) Roger beep tone (On or Off)
12) Melody call tone (off, 1 to 5)
13) Triple watch sub channel 1 setting (Off, 1-80)
14) Triple watch sub channel 2 setting (Off, 1-80)
15) Squelch tail (On or Off)
16) Programmable key function P1 of microphone (UP/SCAN/PRI/MONI/MR/TW)
17) Programmable key function P2 of microphone (PRI/SCN/MONI/MR/TW)
18) Programmable key function P3 of microphone (DN/SCN/PRI/MON/MR/TW)
19) Software version display

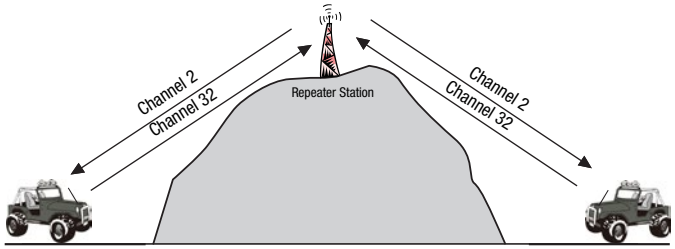
Function	Parameter	Display	Default
CTCSS and DCS	CTCSS 38 to DCS 104		CTCSS 01
Scrambler	1 Off 5		Off
Backlight LED colour	Red to Pu		Green
Bright of LCD	br to d0 to D5		Bright
Duplex	On Off		On
Priority CH.	1 to 80		11

Scan mode	OS PS MS		OS
Scan resume time	P5 to 5,10,15		P5
Busy channel lock	On Off		Off
Key beep tone	On Off		Off
Roger beep tone	Off 1 to 5		Off
Melody Call	off to 1 to 5		Off
Triple watch CH 1	1 80		Off
Triple watch CH 2	1 80		Off
Squelch tail	On Off		Off
Programmble P1	DN to M1 to M5		DN
Programmble P2	PRI to M1 to M5		PRI
Programmble P3	UP to M1 to M5		UP
Software Version	 Version 		Ver. 01

Duplex

General

Your radio has a Repeater Access function to allow use of local Repeater stations (if available in your area). Repeaters are shared radio system installed by interested parties (clubs, local business etc.) that pick transmissions on specific channels and re-transmit (or repeat) the received signal to another channel.



The Repeater Access function can be set (from channel 1 to 8 and 41 to 38) used by local repeater stations. When activated, your radio will receive the Repeater on its specific channel (all repeater outputs are on channel 1 to 8 and 41 to 48) but transmits to the repeater channel 31 through to 38 and 71 through to 78. (Factory default is set to On for all repeater channels).

e.g.

CH01 on Duplex mode will receive on CH01 but transmit on CH31

CH02 on Duplex mode will receive on CH02 but transmit on CH32.

If you transmit on CH01 duplex mode, you are actually transmitting on CH31.

The repeater station down converts your signal and retransmits on CH01.

Your transceiver allows you to pre-select Duplex operation individually on each channel.

CH and Number	Simplex mode Transmit/reciever Frequency (MHz)	Duplex Mode transmit Frequency(MHz)
1	476.425	477.175 CH31
2	476.450	477.200 CH32
3	476.475	477.225 CH33

4	476.500	477.250 CH34
5	476.525	477.275 CH35
6	476.550	477.300 CH36
7	476.575	477.325 CH37
8	476.600	477.350 CH38
41	476.4375	477.1875 CH71
42	476.4625	477.2125 CH72
43	476.4875	477.2375 CH73
44	476.5125	477.2625 CH74
45	467.5375	477.2875 CH75
46	476.5625	477.3125 CH76
47	476.5875	477.3375 CH77
48	476.6125	477.3625 CH78

For this example we are adopting CH01 as the repeater channel.

CTCSS and DCS setting

This feature allows you to receive signals only from callers who have selected the same CTCSS and DCS code.

DCS is similar to CTCSS. It provides 104 extra, digitally coded, squelch codes that follow after the 38 CTCSS codes. CTCSS 1 - 38, followed by DCS 1 - A4.

Scramble

Scramble enables private communications by scrambling the voice signal.

This prevents users without descrambler equipment or a compatible unit, from understanding the conversation.

Select desired channel. SCR appears when scramble is turned on in the menu.

You can select off, 1 to 5.

7 Multi True Colour Backlight

You can select from 7 different colours for the LCD backlight.

LCD Backlight Brightness

You can reduce the brightness of the LCD backlight to be more comfortable while driving at night.

You can select from 7 different levels for the LCD backlight brightness.

Duplex

Duplex mode can be turned on or off on the duplex channels.

When turned on, the transmit channel will be as shown in the table on pages 20-21.

Priority Channel Set

A priority channel can be stored in the menu.

The letter “PRI” will appear when the seleced channel is set to Priority.

This channel will then be automatically monitored during the Priority Scan.

Note: You can only store one channel as your priority channel.

Scanning

The UHF098 has three types of scanning: Open scanning(OS) and Priority scanning(PS), Memory scanning(MS).

Scanning allows you to search for active channels programmed in the memory.

You can choose Scan type in menu mode.

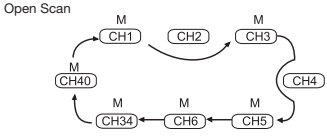
To initiate scanning:

Press scan key and scanning starts. OS--SC icon appears during scanning.

Open Scan(OS) Mode

The Open Scan feature scans for activity on all CB channels in memory.

Once a channel is located, scanning will pause, this will allow the signal to be heard.

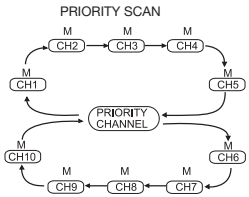


Priority Scan(PS) Mode

With Priority Scan, the Radio scans for activity, but in addition, it also inserts your Priority Channel into the scan sequence.

This means that your Priority Channel will be monitored regularly while scanning to ensure that no calls are missed. Any signal received on your Priority Channel will take precedence over any signals received on the other channels.

The priority channel will be checked after every 4th channel scanned.



Memory Scan(MS) Mode

The Memory Scan feature scans for activity on 5 memorised channels in memory.

Once a channel is located,scanning will pause, this will allow the signal to be heard.

M1 ->M2->M3->M4->M5

Scan Resume Time

The scan resume condition can be set as a pause(P5) or time scan(5/10/15).

When a signal disappears, scan resume after 5 sec. has passed regardless of the setting.

5/10/15: Scan is paused for 5,10 or 15 seconds when a signal is detected.

Scan will then resume after this time has elapsed.

Busy Channel Lock

If the channel is already in use, you can prevent the UHF CB radio from transmitting. This is particularly important when using CTCSS/DCS.

Key Beep

When the key beep is turned on, the radio beeps for each button press (excluding PTT up, down and INS buttons on the microphone). When these buttons are programmed to other functions, they will also make a beep sound each time they are pressed.

Roger Beep

This function emits a beep on the communication party to inform that the transmission is finished.

You can select 5 different roger beep tones in menu.

Melody call

You can select 5 different melody tones. This is the tone that is emitted when the PTT is pushed and you press “TW/MENU” button within 1/2 a second.

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.

Squelch Tail

Squelch tail is the noise heard after the transmitting party releases PTT and is heard by the receiving party.

If Squelch Tail is turned ON, on both radios this squelch noise will be muted.

Programmable Key Function (P1,P2,P3)

With this feature, the three buttons on top of microphone are user programmable to a function from the list below. You can program in the menu.

You can change the each 3 keys as below

P1(default DN) to UP/SCAN/PRI/MONI/MR/TW.

P2(default INS) to PRI/SCAN/MONI/MR/TW.

P3(default UP) to DN/SCN/PRI/MON/MR/TW.

When the microphone buttons are programmed to another feature, they will also have the additional features for that button. For example: If the up button is set for SCAN, it will also have the MEM function when held for 2 seconds.

Factory Reset

If the radio's display locks up or stops functioning properly, you might need to reset your UHF radio.

Caution: this procedure clears all the information you have stored in your UHF radio.

Before you reset your UHF radio, try turning it off and on again.

If your UHF radio is still not functioning correctly you may need to reset the UHF radio.

To reset, press and hold SCAN and power on.

“Reset” will appear in the display. The radio will then return to standby mode.

TOT(Time Of Timer)

Australian and New Zealand standards require that if the PTT is pressed for more than 3 minutes the unit must stop transmitting. The radio is set to stop transmitting after 2 minutes and 30 seconds of continuous transmission. “TOTon” will appear in the display and it will emit a beep sound to indicate that TOT is activated.

Channel Frequency Table

Radiocommunications (Citizen Band Radio Stations) Class Licence 2002

No licence is required to own or operate this radio in Australia and New Zealand. The Radiocommunications (Citizen Band Radio Stations) Class Licence 2002 contains the technical parameters, operating requirements, conditions of licence and relevant standards for Citizen Band (CB) radios. CB radios must comply with the class licence for their use to be authorised under the class licence.

UHF channels and frequencies

IMPORTANT NOTE: The operation of your UHF radio in Australia and New Zealand is subject to conditions in the following licenses:

In Australia the ACMA Radio communications (Citizen Band Radio Stations) and in New Zealand by MED the General User Radio License for Citizen Band Radio.

Channel		Tx Freq MHZ	Rx Freq MHz	Channel		Tx Freq MHz	Rx Freq MHz
01*		*476.4250*	476.4250	21		476.9250	476.9250
	41*	-	476.4375		61‡	—	—
02*		*476.4500*	476.4500	22†		476.9500	476.9500
	42*	-	476.4625		62‡	—	—
03*		*476.4750*	476.4750	23†		476.9750	476.9750
	43*	-	476.4875		63‡	—	—
04*		*476.5000*	476.5000	24		477.0000	477.0000
	44*	-	476.5125		64	477.0125	477.0125
05*		*476.5250*	476.5250	25		477.0250	477.0250
	45*	-	476.5375		65	477.0375	477.0375
06*		*476.5500*	476.5500	26		477.0500	477.0500
	46*	-	476.5625		66	477.0625	477.0625
07*		*476.5750*	476.5750	27		477.0750	477.0750
	47*	-	476.5875		67	477.0875	477.0875
08*		*476.6000*	476.6000	28		477.1000	477.1000
	48*	-	476.6125		68	477.1125	477.1125
9		476.6250	476.6250	29		477.1250	477.1250
	49	476.6375	476.6375		69	477.1375	477.1375
10		476.6500	476.6500	30		477.1500	477.1500
	50	476.6625	476.6625		70	477.1625	477.1625
11		476.6750	476.6750	31*		477.1750	477.1750

	51	476.6875	476.6875		71*	477.1875	-
12		476.7000	476.7000	32*		477.2000	*477.2000*
	52	476.7125	476.7125		72*	477.2125	-
13		476.7250	476.7250	33*		477.2250	*477.2250*
	53	476.7375	476.7375		73*	477.2375	-
14		476.7500	476.7500	34*		477.2500	*477.2500*
	54	476.7625	476.7625		74*	477.2625	-
15		476.7750	476.7750	35*		477.2750	*477.2750*
	55	476.7875	476.7875		75*	477.2875	-
16		476.8000	476.8000	36*		477.3000	*477.3000*
	56	476.8125	476.8125		76*	477.3125	-
17		476.8250	476.8250	37*		477.3250	*477.3250*
	57	476.8375	476.8375		77*	477.3375	-
18		476.8500	476.8500	38*		477.3500	*477.3500*
	58	476.8625	476.8625		78*	477.3625	-
19		476.8750	476.8750	39		477.3750	477.3750
	59	476.8875	476.8875		79	477.3875	477.3875
20		476.9000	476.9000	40		477.4000	477.4000
	60	476.9125	476.9125		80	477.4125	477.4125

* The primary use for these channels is repeater operation using 750 kHz offset. Channels 1-8 and 41-48 inclusive are used for mobile reception and channels 31-38 and 71-78 for mobile transmission.

† Speech telephony shall be inhibited on these channels.

‡ At the time of production Channels 61, 62 and 63 are guard channels and are not available for use.

Channel 5 and 35 (paired for Duplex repeaters) are reserved as emergency channels and should be used only in an emergency.

CTCSS and DCS will not operate on channels 5 and 35.

A list of currently authorised channels can be obtained from the ACMA website in Australia and the MED website in New Zealand. Channel 11 is a calling channel generally used to call others and channel 40 is the customary road vehicle channel.

Once contact is established on the calling channel, both stations should move to another unused “SIMPLEX” channel to allow others to use the calling channel.

Channels 22 and 23 are for Telemetry and Telecommand use, voice communications are not allowed on these channels.

Channel 9 and above are the best choices for general use in Simplex mode.

38 CTCSS CODE LIST

CODE	Frequency(Hz)	CODE	Frequency(Hz)
OFF	OFF	20	131.8
1	67.0	21	136.5
2	71.9	22	141.3
3	74.4	23	146.2
4	77.0	24	151.4
5	79.7	25	156.7
6	82.5	26	162.2
7	85.4	27	167.9
8	88.5	28	173.8
9	91.5	29	179.9
10	94.8	30	186.2
11	97.4	31	192.8
12	100.0	32	203.5
13	103.5	33	210.7
14	107.2	34	218.1
15	110.9	35	225.7
16	114.8	36	233.6
17	118.8	37	241.8
18	123.0	38	250.3
19	127.3		

DCS codes table

Code No.	DCS Code (Octal)	Code No.	DCS Code (Octal)	Code No.	DCS Code (Octal)
1	023	36	223	71	445
2	025	37	225	72	446
3	026	38	226	73	452
4	031	39	243	74	454
5	032	40	244	75	455
6	036	41	245	76	462
7	043	42	246	77	464
8	047	43	251	78	465
9	051	44	252	79	466
10	053	45	255	80	503
11	054	46	261	81	506
12	065	47	263	82	516
13	071	48	265	83	523
14	072	49	266	84	526
15	073	50	271	85	532
16	074	51	274	86	546
17	114	52	306	87	565
18	115	53	311	88	606
19	116	54	315	89	612
20	122	55	325	90	624
21	125	56	331	91	627
22	131	57	332	92	631
23	132	58	343	93	632
24	134	59	346	94	654
25	143	60	351	95	662
26	145	61	356	96	664
27	152	62	364	97	703
28	155	63	365	98	712
29	156	64	371	99	723
30	162	65	411	100 (A0)	731
31	165	66	412	101 (A1)	732
32	172	67	413	102 (A2)	734
33	174	68	423	103 (A3)	743
34	205	69	431	104 (A4)	754
35	212	70	432		

Express Warranty (Australia)

This Express Warranty is provided by Oricom International Pty Ltd ABN 46 086 116 369, Unit 1, 4 Sovereign Place, South Windsor NSW 2756, herein after referred to as “Oricom”.

Oricom products come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and 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.

Oricom warrants that the product is free from defects in materials or workmanship during the Express Warranty Period. This Express Warranty does not extend to any product from which the serial number has been removed or was purchased outside of Australia.

Nothing in this Express Warranty excludes, restricts or modifies any condition, warranty, guarantee, implied term, right or remedy pursuant to the Australian Consumer Law and which may not be so excluded, restricted or modified. For such conditions, terms, guarantees and warranties that cannot be excluded, restricted or modified, Oricom limits the remedies available to extent permitted in the relevant legislation.

The Express Warranty Period will be 5 years from the date of purchase of the product evidenced by your dated sales receipt. You are required to provide proof of purchase as a condition of receiving Express Warranty services.

You are entitled to a replacement product or repair of the product at our discretion according to the terms and conditions of this document if your product is found to be faulty within the Express Warranty Period. This Express Warranty extends to the original purchaser only and is not transferable.

Products distributed by Oricom are manufactured using new materials or new and used materials equivalent to new in performance and reliability. Spare parts may be new or equivalent to new. Spare parts are warranted to be free from defects in material or workmanship for thirty (30) days or for the remainder of the Express Warranty Period of the Oricom branded product in which they are installed, whichever is longer. During the Express Warranty Period, Oricom will where possible repair and if not replace the faulty product or part thereof. All component

parts removed under this Express Warranty become the property of Oricom. In the unlikely event that your Oricom product has a recurring failure, Oricom may always, subject to the Competition and Consumer Act 2010, at its discretion, elect to provide you with a replacement product of its choosing that is at least equivalent to your product in performance.

No change to the conditions of this Express Warranty is valid unless it is made in writing and signed by an authorised representative of Oricom.

Oricom will not be liable under this Express Warranty, and to the extent permitted by law will not be liable for any defect, loss, damage or injury arising out of or in connection with a:

1. Failure by you to adhere to the warnings and follow the instructions set out in this user guide for the proper installation and use of the product;
2. Wilful misconduct or deliberate misuse by you of the product;
3. Any external cause beyond our control, including but not limited to power failure, lightning or over voltage; or
4. Modification to the product or services carried out on the product by anyone other than Oricom or Oricom's authorised service provider.

How to make a claim under your Express Warranty in Australia

Oricom has a simple warranty process for you to follow:

- Please call or email our Customer Support Team, 02 4574 8888 or support@oricom.com.au.
- A Customer Support Team member will verify after troubleshooting with you if your product qualifies under warranty. If so, they will give you a Product Return Authorisation number.
- We will then email or fax a Return Authorisation form and a Repair Notice (if necessary), together with instructions on how to return the goods for warranty service.

Please note that if a Customer Support Team member advises that your product does not qualify for return, this warranty does not apply to your product. Products that are authorised to be returned to Oricom in Australia must include all of the following:

- A completed Return Authorisation form
- A copy of your Proof of Purchase (please keep your original copy)
- The faulty product, including all accessories.

Send the approved returns to:

Oricom International Pty Ltd
Locked Bag 658
South Windsor NSW 2756 Australia

Please note that this Express Warranty excludes expenses incurred by you in returning any faulty product to us. You must arrange and pay any expenses incurred (including postage, delivery, freight, transportation or insurance of the product) to return the faulty product to us, however, we will arrange delivery of the repaired or replaced faulty product to you.

Important Information

Repair Notice

Please be aware that the repair of your goods may result in the loss of any user-generated data (such as stored telephone numbers, text messages and contact information). Please ensure that you have made a copy of any data saved on your goods before sending for repair. Please also be aware that goods presented for repair may be replaced by refurbished goods or parts of the same type rather than being repaired.

ORICOM CUSTOMER SUPPORT

Oricom have a trained and dedicated team of Customer Support Representatives, each with the knowledge and resources to assist in answering your questions quickly and efficiently.

Oricom Support - Australia

For all product enquiries, troubleshooting or to discuss the range of Oricom products, feel free to contact Oricom or visit our website for answers to frequently asked questions.

02 4574 8888

Monday - Friday 8am – 6pm AEST
Email: support@oricom.com.au
www.oricom.com.au

Oricom Support - New Zealand

0800 674 266

Monday - Friday 10am - 8pm NZST
Email: support@oricom.co.nz

Ref:22012020