



Operating Instructions

UHF182X 80 Channel UHF Citizen Band Radio

Keep this user guide for future reference. Always retain your proof of purchase in case warranty service is required.
www.oricom.com.au





When a new 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.



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





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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
 Mon-Fri 10am – 8pm NZST

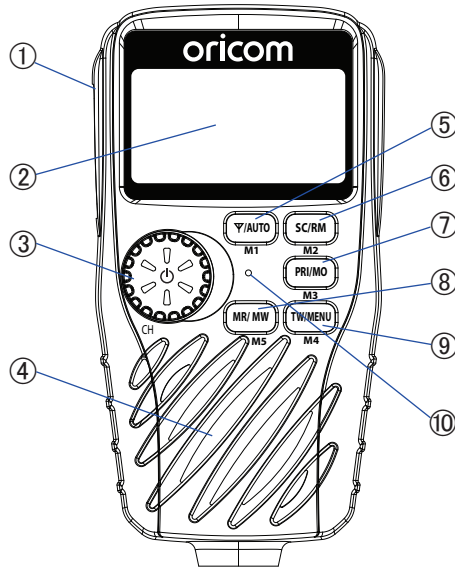




Controls and Indicators

Controls and Indicators

Front View of Controller Speaker Microphone



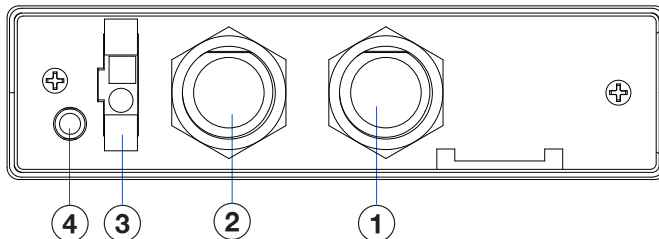
1. Push to Talk (PTT)
2. LCD display
3. On/off, Mode (Volume/channel/SQ)
4. Speaker
5. Antenna selector to ANT1 and ANT2/Auto Antenna selector/Memory CH 1
6. Scan/Remove memory/Key lock (Press hold and power on)/Memory CH 2
7. Priority channel recall/Monitor On/Off/Memory CH 3
8. Memory recall/memory write/Memory CH 4
9. Triple watch/Memory CH 5
10. Microphone





Controls and Indicators

Rear View of Radio



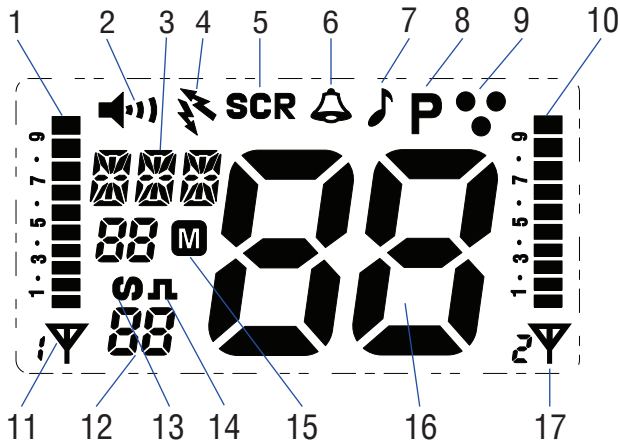
1. Antenna Jack 1
2. Antenna Jack 2
3. Power supply connection
4. 3.5mm external jack for optional 8 ohm speaker





Controls and Indicators

LCD Icons & Indicators



- | | |
|---------------------------------------|--|
| 1. Signal strength & TX meter of ANT1 | 10. Signal strength & TX meter of ANT2 |
| 2. Monitor | 11. Antenna 1 on |
| 3. Status display | 12. CTCSS or DCS channel display |
| 4. Duplex on | 13. CTCSS on |
| 5. Scrambler on | 14. DCS on |
| 6. Roger Beep on | 15. Memory channel |
| 7. Key Beep on | 16. Channel display |
| 8. Priority channel | 17. Antenna 2 on |
| 9. Triple watch on | |





Please read before installing or operating your Oricom radio

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.

Safety Information and Warnings



WARNING

Potentially Explosive Atmosphere

Turn your radio OFF when in any area with a potentially explosive atmosphere. Sparks in such areas could cause an explosion or fire resulting in injury or even death.

NOTE: Areas with potentially explosive atmospheres are often, but not always clearly marked. They include fuelling areas such as below deck on boats; fuel or chemical transfer or storage facilities; areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

Blasting Caps and Areas

To avoid possible interference with blasting operations, turn your radio OFF near electrical blasting caps or in a “blasting area” or in areas posted: “Turn off two way radios.” Obey all signs and instructions.

Electromagnetic Interference/Compatibility

Nearly every electronic device is susceptible to electromagnetic interference (EMI). To avoid the possibility of electromagnetic interference and/or compatibility conflicts, turn off your radio in any location where posted notices instruct you to do so such as health care facilities.



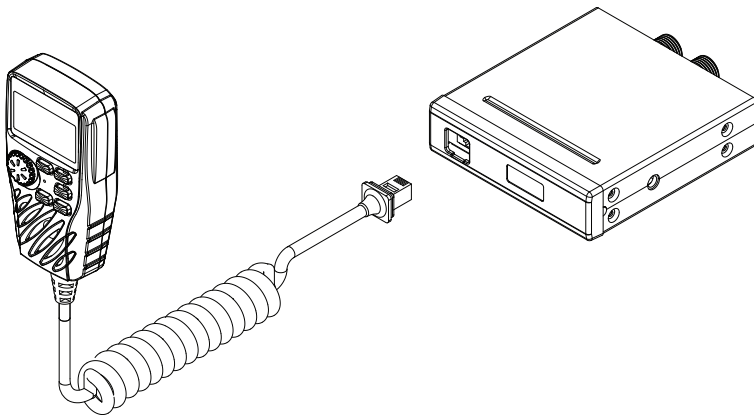


Installation of your Oricom Radio

Fitting the Controller Speaker Microphone

The controller speaker microphone uses a 6-pin telephone style plug and socket:

1. Position the microphone plug so the plastic flap faces upward, and insert the plug into the socket until it 'clicks'.
2. Gently press the rubber boot into the hole surrounding the socket so that the slot around the boot fits neatly inside the rim of the entry hole.



Disconnecting the Controller Speaker Microphone

It is recommended that the Controller Speaker Microphone be left permanently connected to the radio, but if it must be disconnected, proceed as follows:

1. Lift the rubber boot and the lip of the raised area on the front panel.
2. Ease the rubber boot out of the cable entry hole and slide it along the cable away from the front panel.
3. Identify the plug locking lever, and move the lever towards the plug body. At the same time gently pull the plug from the socket.





Installation of your Oricom Radio



CAUTION

This radio is designed for operation on a 12 Volt battery system. It should not be connected directly to a 24 Volt system.

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 retirements 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.





Installation of your Oricom Radio

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 maximise 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

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 an 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).

Depending on the installation, it may be necessary to use an external speaker (not supplied) to give improved volume and clarity. This can be plugged into the external speaker (SP) socket on the rear of the unit.





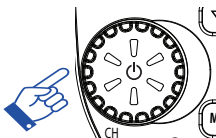
Operations

Turning on the Power

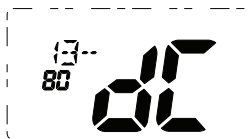
Press and hold the Channel selector.

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 condition by the LCD flashing the 3 backlight colours.

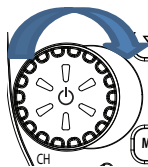


Press and hold



Setting the Volume

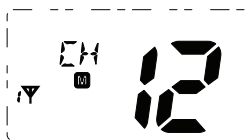
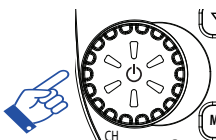
Turn the channel selector clockwise to adjust the sound level for comfortable reception.



Selecting a channel

Press channel selector once. "CH" will appear on the LCD.

Select the channel by rotating the channel knob.





Operations

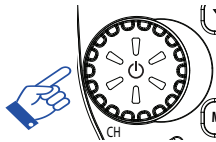
Setting the Squelch Level

1. Press channel selector 2 times. The current squelch level is displayed.
2. Select the squelch level by rotating the channel knob.

The radio has 16 preset (off to 15) squelch levels, off-Squelch open.

1-Max. sensitivity (Min. squelch)

15-Min. sensitivity (Max/Tight squelch)



Note :

- * If a button is not pressed within 5 seconds, the radio will automatically exit the sub display of "VOL" "CH" and "SQ".

PTT (Push-To-Talk) button

Before transmitting always listen on the channel to make sure it is not being used by another operator.

Pressing the PTT allows audio to be transmitted, by speaking across the front on the controller speaker microphone. TX is indicated by the level bars on the LCD display.

To receive, release the PTT button.

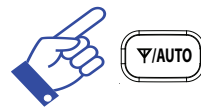
When transmitting, hold the MIC 5cm from your mouth and speaker clearly in normal voice across the front of the mic.

Antenna Selector

Manual Antenna Select

The default setting is antenna terminal 1.

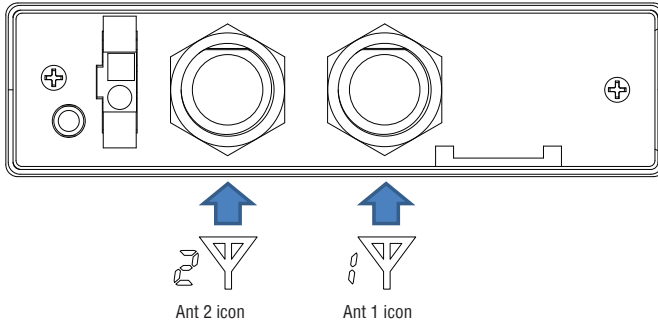
This button is used to manually select the antenna terminal 1 or terminal 2.



Press ANT/AUTO button to change the antenna connection to terminal 2.

The connected antenna appears on the LCD as below.

To reactivate manual antenna select, press ANT/AUTO.

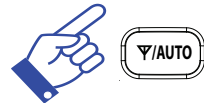


Auto Antenna Select

When Auto Antenna Select is active the antenna with the best signal will be selected, this antenna will also be used to transmit.

To activate auto antenna push and hold the antenna button for 2 seconds.

To deactivate Automatic antenna, press and hold antenna selector button.



Ant1 or Ant2 icon will blink.

Press and hold

If an antenna is not connected and the PTT is pressed the display will flash in multi-colour to indicate there is a problem.

Also "Ant No" will appear on the LCD.





Operations

Key Lock

To prevent accidental entries, you can lock the keypad.

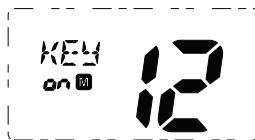
To enable or disable the "Key lock" function:

Turn radio off, while holding SC/RM button turn the Radio on.

When the key lock is active, a warning beep will be heard if you attempt to press keys.

Note: The PTT, volume/squelch dial/Antenna selector do not lock, Warning beep is only active if beep function is turned on.

- To disable the Key lock function:
- The radio off
- Press hold "SC/RM" and power on, "Key of" will then appear.



Press hold and power on

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 SC/RM button to start open scan. 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.

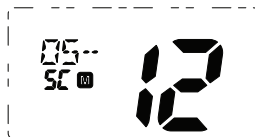
To stop Scan, press SC/RM Button or PTT button.







Operations

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



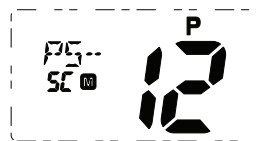
CH  1-2-3-4-5-6-7 77-78-79-80 



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 18 to write memory.



The default channels are shown below.

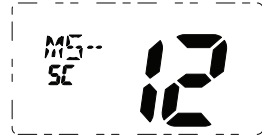
Memory	Memory 1	Memory 2	Memory 3	Memory 4	Memory 5
Location	ANT/AUTO	SC/RM	PRI/MO	TW/MENU	MR/MW
channels	1	20	30	40	80





Operations

CH  1-20-30-40-80 



RM (Remove Memory in Scanning)

Your Radio has been pre-programmed with all the UHF CB channels into the Open Scan channel memory.

However, you can change or customize the channels by this function.

- Select the desired channel with rotary knob.
- Press and hold SC/RM button.
- The memory icon "M" disappears.



Press and hold

Note: To enable a removed channel, select the channel, then press and hold SC/RM until SKPoF appears.

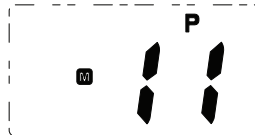
Priority Channel Recall

You can store a priority channel through the menu in the "P" setting.

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

"P" will appear along with priority channel number.

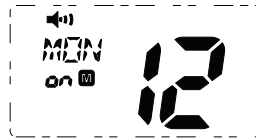
This priority channel will also be automatically monitored during Priority scan.



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 and hold Monitor to turn Squelch off, press and hold again to turn Squelch back on.

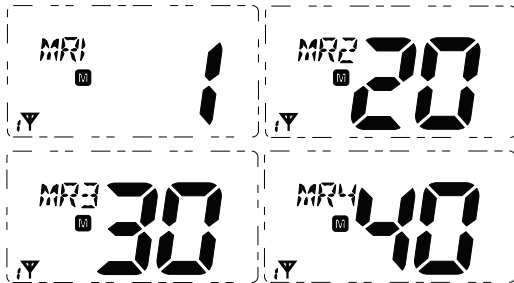


Press and hold

MR (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	ANT/AUTO	SC/RM	PRI/MO	TW/MENU	MR/MW
channels	1	20	30	40	80





Operations

MW (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.



Press and hold

TW (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 additional channel 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 then 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.

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.

3. Use the 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 Off, 38 CTCSS and 104 DCS codes (CTCSS or DCS cannot be enable on channel 5 and 35)
- 2) Scrambler setting (Off, 1 to 5 different frequencies)
- 3) LCD backlight colour (3 colours)
- 4) LCD backlight level (Bright and Dimmer)
- 5) Duplex (On/Off)



Press and hold














Operations

- 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 (Off, 1 to 5)
- 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) Auto power off (Off,1,2,4)
- 17) Software version display

Function	Parameter	Display	Default
CTCSS and DCS	CTCSS38		Off
	to		
	DCS 104		
Scrambler	Off		Off
	1 to 5		
Backlight LED colour	rd		Green
	to		
	Ab		
Bright of LCD	BRT		Bright
	to		
	DIM		
Duplex	On		On
	to		
	Off		



Function	Parameter	Display	Default
Priority CH.	1		11
	to		
	80		
Scan mode	SCO		SCO
	SCP		
	SCM		
Scan resume time	p5		P5
	to		
	5, 10, 15		
Busy channel lock	On		Off
	to		
	Off		
Key beep tone	On		Off
	to		
	Off		
Roger beep tone	off		Off
	1 to 5		
Melody Call	off		Off
	1 to 5		
Triple watch CH 1	1		Off
	to		
	80		
Triple watch CH 2	1		Off
	to		
	80		



Operations

Function	Parameter	Display	Default
Squelch tail	On		Off
	Off		
Auto power off	Off		Off
	to 1H, 2H, 4H		
Software Version			Ver 01

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 - 104.

Scramble

Scramble enables private communications by scrambling the voice signal.

This prevents users without descrambler equipment of 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.

3 Multi Colour Backlight

You can select from 3 different colours for the LCD backlight.





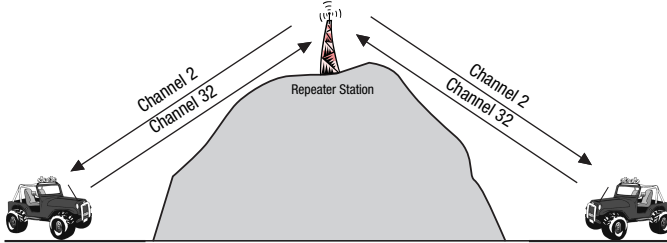
LCD Backlight Brightness

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

Duplex

General

Your radio has a Repeater Access function to allow use of local repeater station (if available in your area). Repeater 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 - 48) used by local repeater stations. When activated, your radio will receive the Repeater on its specific channel (all repeater output are on channel 1 to 8 and 41 to 48) but transmit to the repeater channel 31 through 38 and 71 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.





Operations

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/Receiver	Duplex Mode transmit/Receiver
	Frequency (MHz)	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.

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.





Priority Channel Set

A priority channel can be stored in the menu.

The letter "P" will appear when the selected 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.

Scan resume time

If 5,10, or 15 sec is selected, SCAN will start again after 5,10, or 15 second pause even though a signal is still present.

If P5 is selected, SCAN will stop as long as a signal is present and will resume SCAN again 5 seconds later.

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

The Beep tone emits a tone when you press any of the buttons on the microphone (except PTT button).

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 the menu.

Melody call

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





Operations

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 release the PTT and is heard by the receiving party.

If Squelch Tail is turned On, on both radio this squelch noise will be muted.

Auto Power Off

This feature allows the radio to be connected directly to the battery of a vehicle and when enabled, will automatically turn the radio off, if it has not been used for a preset period of time 1, 2 or 4 hours.

The main purpose of the feature is if the radio is inadvertently left on when directly connected to the battery it automatically turns the radio off to prevent the battery from being discharged.

Software version display

The currently used software version display.

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 "PRI/MON" button 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.

"TOT on" will appear in the display and it will emit a beep sound to indicate that TOT is activated.





UHF CB channels and frequencies

UHF CB 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	Rx	Channel		Tx	Rx
		Freq	Freq			Freq	Freq
		MHz	MHz			MHz	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





UHF CB channels and frequencies

* The primary use for these channels is repeater operation using 750 kHz offset. Channels 1-8 inclusive are used for mobile reception and channels 31-38 for mobile transmission. Note that additional channels 41-48 and 71-78 are also available for repeater operation to supplement channels 1-8 and 31-38 respectively as approved by the ACMA CBRS Class Licence in Australia and the MED GURL in New Zealand. In addition, any designated repeater channel may be used for simplex operation in areas where it is not used for repeater operation.

† 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 these channels.

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 by law.

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





UHF CB channels and frequencies

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		





UHF CB channels and frequencies

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)

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





Express Warranty (Australia)

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.





Express Warranty (Australia)

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



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