

DTX4000 DUAL RECEIVE

5 WATT UHF CB RADIO

AN
AUSTRALIAN
1ST



 **oricom**[®]
100% AUSSIE OWNED

GET 2 UHF CB RADIOS IN ONE



Oricom's DTX4000 is like two radios in one, allowing you to 'receive and listen to two channels at the same time' so that you can hear everything that's going on.

- This Australian first innovation delivers a better UHF CB radio communication experience with a stack of features all in one unit.
- Optional remote head mounting kit available.

5 YEAR WARRANTY

IP54 DUST AND SPLASH RESISTANT

3 sec FAST SCAN

12V/24V AUTO SWITCHING



Awesome radio! Simple to use. I no longer need two units and it's so much neater in my dash. I can listen to channel 40 and my mates at the same time, or I can hear the yard and weighbridge so I don't miss any instruction.

Glen - G.C. Transport VIC



DUAL
RECEIVE

Dual receive function allows you to receive and listen to two different channels simultaneously without the need to have two UHF radios installed.



GROUP
TONE
SCAN

The latest in seamless UHF communications. GTS allows users with the same CTCSS or DCS code to maintain uninterrupted conversations by automatically moving to a free channel when interruptions are detected.



TRANSMIT
POWER
INDICATOR

A visual display indicates how much power is being delivered to the antenna every time you key up the mic.

KEY FEATURES

- Dual receive
- IP54 dust and splash resistant
- 12/24 volt operation
- 3 memory groups of 16 channels per group (PC programmable)
- Removable front panel
- Radio can be mounted with the speaker facing upwards or downwards
- 96 multi-colour backlit display
- Back light brightness (5 pre-set levels plus auto)
- Fast scanning 80 channels within 3 seconds
- Rotary volume/channel and squelch control
- Duplex
- 38 CTCSS & 104 DCS codes
- Heavy duty diecast metal chassis
- Slide-in mounting bracket
- Auto power off (off/1h/2h/4h)
- 3.5mm external jack (for optional external speaker or PA adaptor)

DTX4000 TECHNICAL SPECIFICATION

GENERAL

Compliance	AS/NZS 4365:2011
Frequency Range TX/RX	476.425 - 477.4125 MHz
Number of TX/RX Channels	80 UHF CB Channels (75 voice)
Channel Spacing TX/RX	12.5KHz
Operating modes	Simplex, Repeater TX offset (+750KHz)
Scanning Speed	50 msec per channel
Antenna Impedance	50 Ohms
Operating Volts nominal	13.8VDC to 28VDC
Operating Volts Range	10 to 30VDC
Over Voltage Protection	Diode and Voltage regulator system
Over Current Protection	2 AMP fuse
Reverse Polarity Protection	Shunt diode
Frequency stability	+/- 5 ppm

TRANSMITTER

RF Output Power	5 watts max
Modulation	F3E(FM)
Maximum deviation	2.5KHz
Spurious Emissions	< -30dBm
TX Audio pre-emphasis	+6dB/Octave from 300Hz to 3KHz
Current consumption during TX	1.7 AMP with 50 ohm antenna termination

5 YEAR WARRANTY

RECEIVER

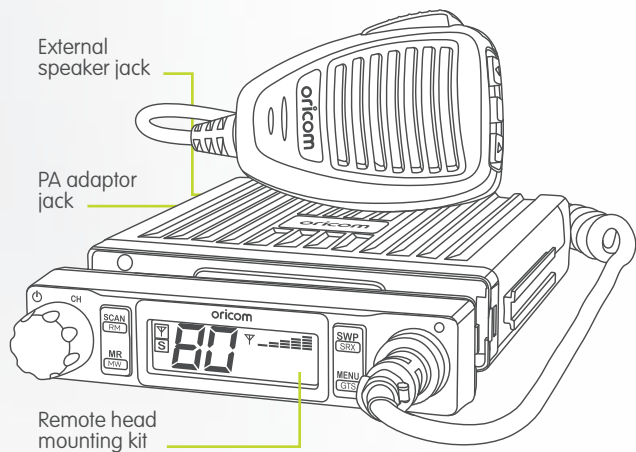
Circuit Type	Dual conversion super heterodyne
Intermediate Frequencies	1st IF : 21.4MHz , 2nd IF : 450KHz for Main RX 1st IF : 38.85MHz, 2nd IF : 455KHz for Sub RX
Maximum usable sensitivity	-123dBm for 12dB SINAD un-weighted
Audio output power	> 2 Watts at 8 ohm load
RX Audio de-emphasis	+6dB/Octave from 300Hz to 3KHz
Signal to Noise Ratio	> 40dB
Conducted Spurious Emission	> -57dBm

MECHANICAL

Dimensions (H) X (W) X (D)	31 X 128 X 147
Weight	548g transceiver only

OPTIONAL ACCESSORIES

- Remote head mounting kit (P/N: RHK4000)
- External speaker (P/N: SPE85)
- PA adaptor cable (P/N: PAC001)



* This 80 channel narrowband radio has a total 75 usable voice channels, channel 22 and 23 are used for Telemetry and Telecom and, voice communications are not allowed on these channels. Channels 61,62 and 63 are guard channels and are not available for use. Oricom® is the registered trademark of Oricom International Pty Ltd. Due to continued product development, the product may differ slightly to that illustrated in this brochure.