



Dual Receive
5 Watt UHF CB Radio
#DTX4000

www.oricom.com.au

5 YEAR WARRANTY



DESCRIPTION

Like having two radios in one, the dual receive function allows you to receive and listen to two different channels simultaneously without compromising the regular features you'd expect from a UHF CB Radio.

FEATURES

- Dual receive
- IP54 dust and splash resistant
- 12/24 volt operation
- 3 memory groups of 16 Ch per group (PC programmable)
- Removeable 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 Ch within 3 seconds
- Rotary volume/channel and squelch control
- Duplex
- 38 CTSS & 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)

TECHNICAL SPECIFICATIONS

Compliance	• AS/NZS 4365:2011	Operating Volts Nominal	• 13.8 to 28 Volt DC
Frequency Range TX/RX	• 476.425 - 477.4125 MHz	Operating Volts Range	• 10 to 30 Volt DC
Number of TX/RX Channels	• 80 UHF CB (75 voice channels)	Over Voltage Protection	• Diode and voltage regulator system
Channel Spacing TX/RX	• 12.5 KHz	Over Current Protection	• 2 Amp fuse
Operating Modes	• Simplex, Repeater TX offset (+750kHz)	Reverse Polarity Protection	• Shunt diode
Scanning Speed	• 50 msec per channel	Frequency Stability	• +/- 5ppm
Antenna Impedance	• 50 Ohms	Transceiver Dimensions	• 31mm H x 128mm W x 147mm D

TRANSMITTER SPECIFICATIONS

RF Output Power	• 5 Watts Max	Spurious Emissions	• < -30 dBm
Modulation	• F3E (FM)	TX Audio Pre-emphasis	• +6dB/octave from 300Hz to 3KHz
Maximum Deviation	• 2.5 KHz	Current Consumption TX	• 1.7A with 50 Ohms antenna termination

RECEIVER SPECIFICATIONS

Circuit Type	• Dual conversion super heterodyne	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
Intermediate Frequencies	• 1st IF: 21.4MHz, 2nd IF: 450KHz (Main RX) • 1st IF: 38.85MHz, 2nd IF: 455KHz (Sub RX)	Signal to Noise Ratio	• > 40 dB
		Conducted Spurious Emission	• > -57 dBm