



**Micro Size 5 Watt
UHF CB Radio**
#DTX4300

www.oricom.com.au



DESCRIPTION

The Oricom DTX4300 Micro Size 5-Watt UHF CB radio is a well-crafted unit, packing a real punch for its ultra-compact size, and is one of the smallest fixed mount UHF CB radios on the Australian market.

FEATURES

- Ultra compact micro size
- 96 colour LCD backlit display
- Over voltage alert function
- Flip LCD function
- Heavy duty microphone
- 3 memory groups
- Back light brightness (4 pre-set levels)
- Rotary volume / channel and squelch control
- Duplex
- 38 CTCSS & DCS codes
- Diecast metal chassis
- Auto power off (off/1h/2h/4h)

5 YEAR WARRANTY

Requires Antenna (not supplied)

- Smart fast scanning (priority/group memory, group tone scan)
- 3.5mm external jack (for optimal external speaker)

TECHNICAL SPECIFICATIONS

GENERAL SPECIFICATIONS

Compliance	• AS/NZS 4365:2011	Operating Volts Nominal	• 13.8 Volt DC
Frequency Range TX/RX	• 476.425 - 477.4125 MHz	Operating Volts Range	• 10 to 16 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	• 22.5mm H x 100mm W x 76mm D

TRANSMITTER SPECIFICATIONS

RF Output Power	• 5 Watts Max	Spurious Emissions	• < -30dBm
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	Conducted Spurious Emission	• > -57dBm
Audio Output Power	• > 2 Watts at 8 Ohm load	Maximum Usable Sensitivity	• -123dBm for 12dB SINAD un-weighted
Intermediate Frequencies	• 1st IF: 21.4MHz, 2nd IF: 450KHz (Main RX)	RX Audio De-emphasis	• +6dB/octave from 300Hz to 3KHz
Signal to Noise Ratio	• > 40dB		