

# DTX4300 MICRO SIZE

## 5 WATT UHF CB RADIO

Oricom's DTX4300 ultra compact micro UHF CB is one of the smallest radios on the Australian market.



IP54 DUST  
SPLASH RESISTANT



96 LCD  
BACKLIT  
SHADES



5 YEAR  
WARRANTY



- Ultra compact micro size
- 96 colour LCD backlit display
- Flip LCD function
- Over voltage alert function
- Heavy duty microphone
- 3 memory groups
- Smart fast scanning (priority/ group memory/ group tone scan)
- 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)
- 3.5mm external jack (for optional external speaker)
- Designed and engineered in Korea
- Requires antenna (not supplied)

# DTX4300 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
Operating Volts Range	10 to 16VDC
Over Voltage Protection	Diode and Voltage regulator system
Over Current Protection	2 AMP fuse
Reverse Polarity Protection	Shunt diode
Frequency stability	+/- 5 ppm

## TRANSMITTER

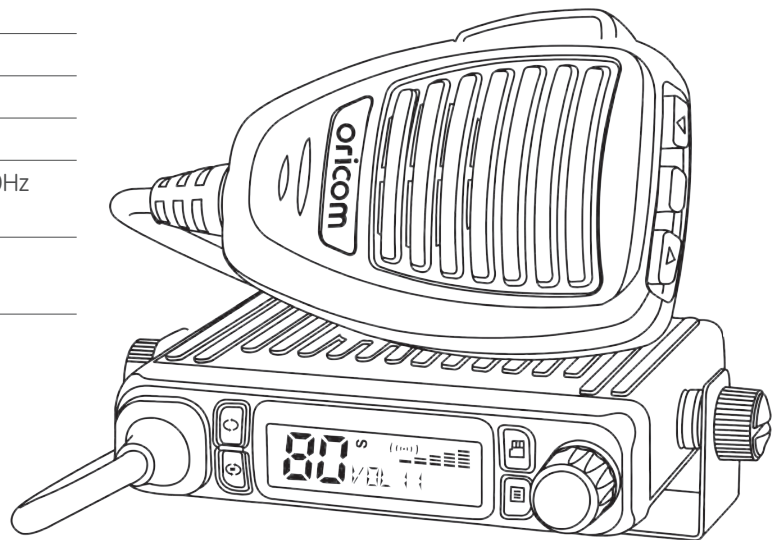
RF Output Power	5 watts max
Modulation	F3E(FM)
Maximum deviation	2.5KHz
Spurious Emissions	< -30dBm
TX Audio pre-emphasis	+6dB/Octave from 300Hz to 3KHz
Current consumption during TX	1.7 AMP with 50 ohm antenna termination

## RECEIVER

Circuit Type	Dual conversion super heterodyne
Intermediate Frequencies	1st IF : 21.4MHz , 2nd IF : 450KHz for Main 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)	22.5 X 100 X 76mm
Weight	210g transceiver only



**5** YEAR WARRANTY

**IP54** DUST SPLASH RESISTANT

**96** LCD BACKLIT SHADES

\* 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.