DTX4200
DUAL RECEIVE
CONTROLLER SPEAKER MICROPHONE

5 YEAR WARRANTY

DUAL RECEIVE

IP54 IP54 DUST AND SPLASH RESISTANT

12V 24V 12/24V AUTO SWITCHING

- Dual receive
- Heavy duty controller speaker microphone
- IP54 dust and splash resistant
- Heavy duty diecast metal chassis
- 12/24 volt operation
- 3 memory groups of 16 channels per group (PC programmable)
- Large 96 multi-colour backlit display
- Back light brightness (5 preset levels plus auto)
- Fast scanning 80 channels within 3 seconds
- Rotary volume/channel and squelch control
- Duplex
- 38 CTCSS & 104 DCS codes
- Auto power off (off/1h/2h/4h)
- 3.5mm external jack (for optional external speaker or PA adaptor)
- Included in the pack; 2m microphone extension cable, slide in bracket, and mounting hardware
- Requires UHF CB Antenna and mounting bracket (not supplied)

Oricom's DTX4200 is like two radios in one, allowing you to 'listen and receive two channels at the same time', so that you can hear everything that's going on.

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DTX4200 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

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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
Receiver sensitivity	-123dBm for 12dB SINAD
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 200g controller speaker mic

OPTIONAL ACCESSORIES

- PC programming cable (P/N: 2U0135)
- 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.

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