DTX4200X

DUAL RECEIVE

CONTROLLER SPEAKER MICROPHONE

5 YEAR WARRANTY

DUAL RECEIVE

IP54 DUST AND SPLASH RESISTANT

Oricom's DTX4200X 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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KEY FEATURES

- Dual receive
- Ergonomic, professional grade controller speaker microphone
- IP54 Dust and splash resistant
- Loud and clear audio with a speaker in the microphone and the transceiver
- Easy to see extra large backlit display
- Intuitive jog wheel to access primary functions
- Heavy duty diecast metal chassis
- 3 memory groups of 16 channels per group
- Large 96 multi-colour backlit display
- Back light brightness (5 pre-set levels plus auto)
- Fast scanning 80 channels within 3 seconds
- Jog wheel volume/channel and squelch control
- Duplex
- 38 CTCSS & 104 DCS codes
- Transmit power indicator
- Slide-in mounting bracket
- Auto power off (off/1h/2h/4h)
- 3.5mm external jack (for optional external speaker)
- Included in the pack; 2m microphone extension cable and mounting hardware
- Requires UHF CB Antenna (not supplied)

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

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 700g Controller speaker microphone

OPTIONAL ACCESSORIES

- External speaker (SPE85)
- Magnetic mounting bracket (MMM100)

* 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. Due to continued product development, the product may differ slightly to that illustrated in this brochure.

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