

# DTX600RD 5 WATT UHF CB RADIO

DIE CAST  
METAL CHASSIS

**3** YEAR WARRANTY\*

**30** UP TO 30 HOURS OPERATING TIME^

Featuring one of the largest backlit LCD displays in the Australian handheld radio market, the DTX600 is super compact and fits comfortably in the palm of your hand.

**WATER  
& DUST  
PROOF  
IP67**

**FAST CHARGING POD**



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**IP67** WATER & DUST PROOF IP67



## KEY FEATURES

- Compact radio with large backlit LCD display
- Switchable RF power (high: 5 watt, low: 1 watt)
- 3 Programmable instant channel buttons
- 80 Channels<sup>†</sup>
- High capacity Lithium-ion battery with up to 30hrs operating time<sup>^</sup>
- Fast charge technology supplied with 240v and 12v adaptors
- Open/instant/priority scan
- Die cast metal chassis
- Duplex (range extender)
- Signal monitoring
- Triple watch
- Audio scrambler
- Squelch tail on/off
- 38 CTCSS and 104 DCS codes
- Rotary volume control
- 2.5mm Jack socket with locking screw for optional accessories
- Designed, engineered & made in Korea
- 3 Year warranty excludes battery\*

## TECHNICAL SPECIFICATION - GENERAL

Compliance	AS/NZS 4365:2011 and NZS2772.1
Frequency Range TX/RX	476.425 - 477.4125 MHz
Number of Channels	80 UHF CB (75 Usable) <sup>†</sup>
Channel Spacing TX/RX	12.5KHz
Channel Spacing RX	12.5KHz
Operating modes	Simplex, Duplex
Scanning Speed	150msec/per channel
Antenna Impedance	50 Ohm
Battery Capacity	7.4V,2600mAh Li-ion Battery. Operating time up to 20hrs on High TX power, 30hrs on Low TX power with antenna.
Frequency Stability	+/- 2.5ppm

## TRANSMITTER

RF Output Power	5 Watts max.
Modulation	FM
Maximum Deviation	+/- 2.5KHz
Spurious Emissions	Less than -30dBm
TX Frequency Response	+1 to -3dB of 6dB/octave from 300Hz to 3000Hz
Audio Signal to Noise Ratio	More than 35dB

## RECEIVER

Circuit Type	Direct conversion by Single DSP chip
Intermediate Frequencies	IF = 137KHz
Sensitivity	Less than -122dBm at 12dB SINAD
Selectivity	More than 70dB
Intermodulation Immunity	More than 70dB
Spurious Response Immunity	More than 60dB
Audio Signal to Noise Ratio	More than 50dB
Receive Frequency Response	+1 to -3dB of 6dB/octave from 300Hz to 3000Hz
Conducted Spurious Emissions	Less than -57dBm at 9KHz

## OPTIONAL ACCESSORIES

- Speaker Mic (SPKMIC5000)
- Throat Mic (THMIC5000)
- Compact Speaker with In-line Mic (EBVOX5000)

<sup>†</sup> This 80 channel narrowband radio has a total of 75 usable voice channels. Channels 22 and 23 are used for Telemetry and Telecommand, voice communications are not allowed on these channels. Channel 61, 62 and 63 are guard channels and are not available for use.

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