

UHF5500-1

5 WATT UHF CB RADIO

DIE CAST METAL CHASSIS



YEAR
WARRANTY



IP54 DUST AND
SPLASH RESISTANT



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The UHF5500 transceiver now includes a unique socket to ensure that accessories are firmly secured at all times for interruption free communication.

KEY FEATURES

- 5/1 watt RF power
- Heavy duty Die cast metal chassis
- Fast charger POD supplied with 240v and 12v adaptors
- 3 Programmable instant channel buttons
- 80 channels*
- 38 CTCSS & 104 DCS Privacy codes
- Duplex
- Rugged construction
- Channel scan (instant/memory/priority)
- Backlit LCD display
- Rotary volume control
- Signal monitoring
- Keypad lock
- Calling tone
- Power save mode
- Removable flexible antenna
- 2.5mm jack for optional accessories

Pack includes:

- 1 UHF Radio
- 1 Charging pod with mains adaptor and 12V adaptor
- 1 Belt Clip
- 1 Rechargeable Li-ion battery pack (1800mAh)
- 1 Wrist Strap

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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
Channel Spacing TX/RX	12.5KHz
Channel Spacing RX	12.5KHz
Operating modes	Simplex, Duplex
Scanning Speed	125msec/per channel
Antenna Impedance	50 Ohm
Battery Capacity	7.4V, 1800mAh, Li-ion Battery*
Frequency Stability	+/- 2.5ppm

Transmitter

Compliance	AS/NZS 4365:2011 and NZS2772.1
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Receiver

Circuit Type	Dual conversion superheterodyne
Intermediate Frequencies	1 st IF = 21.4MHz, 2 nd IF = 450KHz
Sensitivity	Less than -118dBm at 12dB SINAD
Selectivity	More than 70dB
Intermodulation Immunity	More than 70dB
Spurious Response Immunity	More than 60dB at IF/2
Audio Signal to Noise Ratio	More than 35dB
Receive Frequency Response	+1 to -3dB of 6dB/octave from 300Hz to 3000Hz
Conducted Spurious Emissions	Less than -57dBm at 9KHz to 2



* Battery life: Typically 15 Hours (This is based on the following duty cycle TX 5%/RX 5%/Stand by 90%)

