

UHF5400

5 WATT UHF CB RADIO

DIE CAST METAL CHASSIS



TOUGH AND DURABLE



3 YEAR WARRANTY*

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5 WATT

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RADIO

DIE CAST METAL CHASSIS



3 YEAR WARRANTY*

KEY FEATURES

- Switchable RF power (high: 5 watt, low: 1 watt)
- 80 Channels†
- Open priority scan
- Die cast metal chassis
- Duplex (range extender)
- Backlit LCD
- Signal monitoring and monitor lock function
- 38 CTCSS & 104 DCS codes
- Lithium-ion battery pack
- Rugged construction
- Channel scan (memory/priority)
- Rotary channel & volume control
- 2.5mm Jack socket with locking screw for optional accessories (not included)
- 3 year warranty (*excludes battery)

TECHNICAL SPECIFICATION - GENERAL

| | |
|-----------------------|--|
| Compliance | AS/NZS 4365:2011 and NZS2772.1 |
| Frequency Range TX/RX | 476.425 - 477.4125MHz |
| Number of Channels | 80 |
| Channel Spacing TX/RX | 12.5K |
| Channel Spacing RX | 12.5K |
| Operating modes | Simplex/duplex |
| Scanning Speed | 125MSC/channel |
| Antenna Impedance | 50Ohm |
| Battery Capacity | 1200mAh -9 hrs on high TX power 13hrs on Low TX power (by 5-5-90 work cycle) |
| Frequency Stability | 2.5ppm |

TRANSMITTER

| | |
|-----------------------------|----------------------|
| RF Output Power | 5W/1W |
| Modulation | FM |
| Maximum Deviation | 2.5KHz |
| Spurious Emissions | Less than 36 dBm |
| TX Frequency Response | + 1 to -6dB/0.3-3KHz |
| Audio Signal to Noise Ratio | More than 36dB |

RECEIVER

| | |
|------------------------------|--------------------------------------|
| Circuit Type | Direct conversion by single DSP chip |
| Intermediate Frequencies | 135KHz |
| Sensitivity | Less than -122dBm at 12dB SINAD |
| Selectivity | More then 60dB |
| Intermodulation Immunity | More then 60dB |
| Spurious Response Immunity | More then 60dB |
| Audio Signal to Noise Ratio | More then 40dB |
| Receive Frequency Response | + 1 to -6dB/0.3-3KHz |
| Conducted Spurious Emissions | Less than -57dBm |

OPTIONAL ACCESSORIES

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

† 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.
* 3 year warranty excludes battery