

# UHF5400BK-SPK 5 WATT UHF CB RADIO

DIE CAST METAL CHASSIS



**3** YEAR WARRANTY\*

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# UHF CB

# RADIO

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### KEY FEATURES

- Includes controller speaker microphone with lock screw connector
- 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

- 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