

ULTRA550

# 5 WATT UHF CB RADIO

DIE CAST METAL CHASSIS

**3** YEAR WARRANTY\*

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

WATER  
& DUST  
PROOF  
IP67



**Oricom**<sup>®</sup>  
100% AUSSIE OWNED

# ULTRA550 5 WATT UHF CB RADIO

DIE CAST METAL CHASSIS



Featuring one of the largest backlit LCD displays in the Australian handheld radio market, the ULTRA550 is super compact and fits comfortably in the palm of your hand.

## KEY FEATURES

- Water and dust proof IP67
- 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>
- 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
- Key lock function
- Squelch tail on/off
- 38 CTCSS and 104 DCS codes
- High-capacity Lithium-ion battery pack (2600mAh) with up to 30 hours operating time<sup>^</sup>
- Rotary volume control
- 2.5mm jack socket with locking screw for optional accessories
- Designed, engineered and produced in Korea

## 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,2600mAhLi-ionBattery. 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



\*3 year warranty excludes battery

[oricom.com.au](http://oricom.com.au)

Oricom® is the registered trademark of Oricom International Pty Ltd.

<sup>^</sup>30 hours operating time using low power, 20 hours using high power with antenna. Duty cycle; 5% transmit, 5% receive and 90% standby.

**oricom**<sup>®</sup>  
100% AUSSIE OWNED