

# UHF182 SMART DUAL ANTENNA TECHNOLOGY UHF CB RADIO

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**5** YEAR  
WARRANTY

 DUAL  
ANTENNA  
SYSTEM

 96 LCD  
BACKLIT  
SHADES

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

# UHF182 SMART DUAL ANTENNA

## UHF CB RADIO



Get the best from two antennas without the need for an additional switch. Whether you're in the high country, in rough terrain or on the flat, Oricom's Smart Dual Antenna Technology makes sure you stay in touch with all the features you'd expect from a heavy duty 5 watt UHF CB Radio.

### KEY FEATURES

- Integrated dual antenna system
- Slimline transceiver
- 80 channels†
- 3 Memory Groups
- Heavy duty microphone
- Smart fast scanning (priority / group memory / group tone scanning)
- LCD 4 step brightness control
- Over voltage alert function
- 38 CTCSS and 104 DCS codes
- Multi-colour backlight with (96 different shades)
- Duplex (range extender)
- Rotary Volume, channel and squelch control
- 3.5mm external speaker jack
- Designed and engineered in Korea

**5** YEAR WARRANTY

**3** sec FAST SCAN

DUAL ANTENNA SYSTEM

96 LCD BACKLIT SHADES

### UHF182 Technical Specification

#### GENERAL

Compliance	AS/NZS 4365:2011
Frequency Range TX/RX	476.425 - 477.4125 MHz
Number of TX/RX Channels	80 UHF CB
Channel Spacing TX/RX	12.5KHz
Operating modes	Simplex, Repeater TX offset (+750KHz)
Scanning Speed	35 msec per channel
Antenna Impedance	50 Ohms for ANT1, ANT2
Operating Volts nominal	13.8VDC
Operating Volts Range	10 to 15VDC
Over Voltage Protection	Diode and Voltage regulator system
Over Current Protection	2 AMP fuse
Reverse Polarity Protection	Shunt diode
Frequency stability	+/- 5 ppm

#### TRANSMITTER

RF Output Power	Nominal 5 watts
Modulation	F3E(FM)
Maximum deviation	2.5KHz
Spurious Emissions	<-30dBm
TX Audio pre-emphasis	+6dB/Octave from 300Hz to 3KHz
Current consumption during TX	1.6AMP with 50ohm antenna termination

#### RECEIVER

Circuit Type	Dual conversion super heterodyne
Intermediate Frequencies	1st IF : 21.4MHz , 2nd IF : 450KHz
Maximum useable sensitivity	-123dBm for 12dB SINAD un-weighted
Audio output power	> 2 Watts at 8 ohm load
RX Audio de-emphasis	+6dB/Octave from 300Hz to 3KHz
Signal to Noise Ratio	>40dB
Conducted Spurious Emission	>-57dBm

#### MECHANICAL

Dimensions (H) X (W) X (D)	29 X 110 X 115
Weight	425g with only main unit

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