

# UHF182X SMART DUAL ANTENNA SYSTEM

5 WATT UHF  
CB RADIO

CONNECT  
TWO  
ANTENNAS



Always receive the  
strongest signal  
automatically.

**5** YEAR  
WARRANTY

 DUAL  
ANTENNA  
SYSTEM

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

# UHF182X SMART DUAL ANTENNA SYSTEM

## 5 WATT 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 5 watt UHF CB Radio.

### Key Features:

- Integrated (DAS) Dual Antenna System
- Heavy duty controller speaker microphone
- 80 channels†
- Open/priority and memory scanning
- 5 Memory channels
- Over/under voltage alert function
- 38 CTCSS and 104 DCS codes
- 3 colour backlit display (2 levels of brightness)
- Audio scrambler
- Tri-watch
- Automatic power off
- Duplex (range extender)
- Volume, channel and squelch control
- 3.5mm external speaker jack
- Requires at least one antenna (not supplied)

**5** YEAR WARRANTY

**DUAL ANTENNA SYSTEM**

### UHF182X 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	130mS 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	Direct conversion by single DSP Chip
Intermediate Frequencies	137kHz
Maximum useable sensitivity	Less than -122dBm 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)	29mm X 110mm X 115mm
----------------------------	----------------------

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

Oricom® is the registered trademark of Oricom Holdings Pty Ltd. All other trademarks are trademarks of their respective owners.

 **oricom**®  
100% AUSSIE OWNED