

UHF180F SLIMLINE TRANSCEIVER

5 WATT UHF CB RADIO



- 5** YEAR WARRANTY
- 200** RECEIVE ONLY CHANNELS
- PRI** PRIORITY CHANNEL
- ID** SELCALL ID

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This high quality slimline UHF CB radio is the perfect solution for vehicles with a lack of space in the cabin. The 5-Watt operation, heavy duty microphone, tri colour backlit LCD display and typically rugged Oricom chassis construction help to make the Korean engineered masterpiece a clever solution to staying connected on and off the road.

KEY FEATURES

- 80 Channels
- Slimline transceiver
- 5 Watts (max TX power)
- Heavy duty microphone with volume and channel control
- Wideband scanner (400 – 512MHz)
- 8500+ Receive frequencies
- 200 user programmable receive only channels
- 5 Digit Selcall ID with alpha display
- 38 CTCSS and 104 DCS Codes
- Tri colour backlit LCD display (Amber/Red/Green)
- Duplex (range extender)
- Open/Group/Priority Scan
- Priority channel
- Rotary channel select
- Digital squelch control
- Rugged chassis construction with external heat sink
- 3.5mm external speaker connection



UHF180 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	130 msec per channel
Antenna Impedance	50 Ohms
Operating Volts nominal	13.8VDC
Operating Volts Range	10 to 15 VDC
Over Voltage Protection	Diode and voltage regulator
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 superheterodyne
Intermediate Frequencies	1st IF = 30.85MHz , 2nd IF = 450kHz
Maximum useable sensitivity	> -123dBm at 12dB SINAD
Audio output power	3 Watts Maximum
RX Audio de-emphasis	-6dB/octave 300Hz to 3kHz

MECHANICAL

Dimensions (H) X (W) X (D)	165 (d) x 110 (w) x 29 (h) mm
Weight	420g

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