

UHF080

5 Watt Din Sized UHF CB Radio



Key Features

- 40 channels*
- 60 user programmable receive channels
- 38 CTCSS & 104 DCS codes
- Duplex
- Rugged construction
- Heavy duty microphone plug
- Open/Group/Priority scanning
- Large easy to read LCD display
- Multi-colour backlit display (orange & green)
- Microphone with backlit keys
- Digital signal strength indicator
- Rotary channel, squelch & volume control
- Busy channel lock
- Call tones
- Emergency channel button
- Remote speaker jack

Pack Includes;

- In-vehicle UHF CB Radio
- Microphone



WARRANTY

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60RX

60 RECEIVE ONLY CHANNELS

Allows you to program in other channels in the UHF frequency between 450MHz to 512MHz and monitor transmissions.

 oricom™

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UHF080 Technical Specification

| | |
|-------------------------------|---|
| Compliance | AS/NZS 4365:2002, AMND1:2007, AMND2:2008 |
| Frequency Range TX | 476.425 - 477.4 MHz |
| Frequency Range RX | 450 to 512MHz |
| Number of Channels | 40 UHF CB + 60 Receive only channels |
| Channel Spacing TX/RX | 25KHz |
| Channel Spacing RX | 12.5KHz |
| Operating modes | Simplex, Duplex |
| Scanning Speed | 250msec/per channel |
| Antenna Impedance | 50 Ohm |
| Operating Voltage | 13.8 VDC |
| Operating Voltage Range | 10.8Volt to 15.6Volt |
| Over Voltage Protection | Automatic voltage regulator controlled |
| Over Current Protection | 2 Amp in line fuse |
| Reverse Polarity Protection | Shunt Diode |
| Frequency Stability | +/- 2.5ppm |
| Transmitter | |
| RF Output Power | 5 Watts max. |
| Modulation | FM |
| Maximum Deviation | +/- 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 |
| Current Consumption during TX | 1.6 Amps with 50 ohm termination |
| Receiver | |
| Circuit Type | Dual conversion superheterodyne |
| Intermediate Frequencies | 1'st IF = 30.85MHz , 2'nd IF = 450KHz |
| Current Consumption during RX | 170mA with audio mute on |
| Sensitivity | more than -118dBm at 12dB SINAD |
| Selectivity | more than 70dB |
| Intermodulation Immunity | more than 70dB |
| Spurious Response Immunity | more than 60dB at IF/2 |
| Audio Power | Maximum 3 watt |
| Audio Signal to Noise Ratio | More than 35dB |
| Receive Frequency Response | +1 to -3dB of 6dB/octave from 300Hz to 3000Hz |
| Conducted Spurious Emissions | Less than -57dBm at 9KHz to 2 |

100% Australian Owned Company

*Channels 22 & 23 are reserved for Telemetry and Telecommand use only, voice communications are not permitted on these channels. oricom™ is the trademark of Oricom International Pty Ltd

