

UHF 310 MICRO SIZE

5 WATT UHF CB RADIO



5 YEAR WARRANTY

FLIP LCD

7 COLOUR BACKLIT DISPLAY

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This ultra compact UHF CB radio includes a flip screen function and is the perfect install in modern vehicles or plant equipment, where space is limited. With a full 5 watts of RF power and the standard 80 channels, it'll keep you connected.

KEY FEATURES

- Ultra compact micro size
- 7 colour backlit display
- Flip LCD function
- Automatic Level Control (ALC) for consistent audio levels
- 38 CTCSS and 104 DCS
- Duplex (range extender)
- Open/Priority scan
- Priority channel
- Heavy duty microphone with volume, channel and squelch control
- 3.5mm external speaker jack



5 YEAR WARRANTY

UHF310 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 (75 Voice channels) |
| 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 | voltage regulator |
| Over Current Protection | 2 AMP fuse |
| Reverse Polarity Protection | Shunt diode |
| Frequency stability | +/- 2.5ppm |

TRANSMITTER

| | |
|-------------------------------|--|
| RF Output Power | Nominal 5 watts |
| Modulation | F3E(FM) |
| Maximum deviation | 2.5KHz |
| Spurious Emissions | < -70 dBc |
| TX Audio pre-emphasis | + 6dB/octave from 300Hz to 3kHz |
| Current consumption during TX | 1.5 Amps with 50 Ohm antenna termination |

RECEIVER

| | |
|-----------------------------|--------------------------------------|
| Circuit Type | Direct conversion by Single DSP chip |
| Intermediate Frequencies | IF = 137KHz |
| Maximum useable sensitivity | Less than -122dBm 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) | 23.8 (h) x 100 (w) x 94 (d) mm |
|----------------------------|--------------------------------|

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