

UHF300 MICRO SIZE

5 WATT UHF CB RADIO



5 YEAR WARRANTY

FLIP LCD

PRI PRIORITY CHANNEL

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This micro UHF CB radio with flip LCD function is small enough to be installed in the tightest of spots in your modern vehicle or plant equipment. Don't let its micro size fool you, with 5 watts of power across 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 constant audio levels
- 38 CTCSS and 104 DCS
- Duplex (range extender)
- Open/Priority scan
- Priority channel
- Heavy duty microphone with channel control
- 3.5mm external speaker jack
- Dimensions of transceiver: 22.5 (h) x 100 (w) x 84 (d) mm

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LCD

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UHF300 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	Dual conversion superheterodyne
Intermediate Frequencies	1st IF = 21.4MHz , 2nd IF = 450kHz
Maximum useable sensitivity	< -121 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)	22.5 (h) x 100 (w) x 84 (d) mm
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