



**5 Watt 80 Channel
UHF CB Radio**
#UHF400R

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5 YEAR WARRANTY

DESCRIPTION

12/24V heavy duty DIN size UHF CB radio. Features automatic level control, 80 UHF CB channels, 200 user programmable (receive only) channels and open/instant/priority scan. Comes equipped with a heavy duty microphone with channel control. 5 year manufacturer warranty.

FEATURES

- Built-in dynamic speaker & rear microphone jack
- Automatic level control for consistent audio output
- Multivolt 12/24 Volt applications
- 80 UHF CB & 200 user programmable receive only channels
- Large & easy to read LCD colour display
- 38 CTCSS & audio block out
- Priority channel available with open/priority scan
- Duplex range extender

TECHNICAL SPECIFICATIONS

General Specifications

Compliance	• AS/NZS 4365:2011	Automatic Level Control	• For consistent audio output
Frequency Range TX/RX	• 476.425 - 477.4125 MHz / 400 - 512 Mhz	Operating Volt Range	• 10 - 30V DC
Number of TX/RX Ch.	• 80 UHF CB (75 Voice channels)	Over Voltage Protection	• Voltage regulator
Channel Spacing TX/RX	• 12.5 kHz	Over Current Protection	• 2 Amp fuse
Operating Modes	• Simplex, Repeater TX offset (+750kHz)	Rev. Polarity Protection	• Series diode
Scanning Speed	• 130 msec per channel	Frequency Stability	• +/- 2.5ppm
Antenna Impedance	• 50 Ohms		

Transmitter Specifications

RF Output Power	• Nominal 5 Watts	Spurious Emissions	• < -30 dBm
Modulation	• F3E (FM)	TX Audio Pre-emphasis	• + 6 dB / Octave from 300 Hz to 3 kHz
Maximum Deviation	• 2.5 kHz	TX Current Consumption	• 1.6A with 50 Ohm antenna termination

Receiver Specifications

Circuit Type	• Dual conversion superheterodyne	Audio Output Power	• 3 Watts Maximum
IF Frequencies	• 1st IF = 21.4 Mhz / 2nd IF = 450 kHz	RX Audio De-emphasis	• - 6 dB / Octave from 300 Hz to 3 kHz
Max. Useable Frequencies	• < -123 dBm at 12 dB SINAD	Spurious Immunity	• > 70 dB