

UHF400R DIN SIZE

5 WATT UHF CB RADIO



5 YEAR
WARRANTY

12V 24V AUTO
SWITCHING

**FRONT FACING
SPEAKER**

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Heavy duty DIN size UHF CB radio featuring 12/24V auto switching, which makes it quick and easy to install in any vehicle regardless of power supply. The external heat sink ensures you maintain the full output power for optional range.

KEY FEATURES

- Built-in dynamic front speaker
- 12V/24V auto switching
- Rotary channel, squelch and volume control
- Automatic level control (ALC) for consistent audio output
- 200 user programmable receive only channels
- 5 digit Selcall ID with alpha display
- 38 CTCSS and 104 DCS codes
- Duplex (range extender)
- Open/instant/priority scan
- Priority channel
- Rear mic jack (optional EXT400 extension cable required)

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UHF400R Technical Specification

GENERAL

Compliance	AS/NZS 4365:2011
Frequency Range TX/RX	476.425 - 477.4125 MHz/ 400 - 512MHz
Number of TX/RX Channels	80 UHF CB Channels (75 voice)
Channel Spacing TX/RX	12.5KHz
Operating modes	Simplex, Repeater TX offset (+750kHz)
Scanning Speed	130 msec per channel
Antenna Impedance	50 Ohms
Automatic Level Control	For consistent audio output
Operating Volts Range	10 to 30 VDC
Over Voltage Protection	voltage regulator
Over Current Protection	2 AMP fuse
Reverse Polarity Protection	Series diode
Frequency stability	+/- 2.5ppm

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 = 21.4MHz , 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
Spurious Immunity	> 70dB

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