

UHF088

DIN SIZE

5 WATT UHF CB RADIO



5 YEAR WARRANTY

HEAVY DUTY MICROPHONE PLUG

60 RECEIVE ONLY CHANNELS

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UHF088 DIN SIZE 5 WATT UHF CB RADIO



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

- 80 Narrowband channels
- 60 user programmable receive only channels
- 38 CTCSS & 104 DCS codes
- Duplex (range extender)
- Rugged construction
- Heavy duty microphone plug Memory/
- Priority scanning
- Dual watch
- Priority channel
- Up/down channel select on microphone
- Graphic strength signal
- Multi-colour backlit display (orange & green)
- Large easy to read LCD display
- Microphone with backlit keys
- Digital signal strength indicator
- Rotary channel, squelch & volume control
- Busy channel lock out
- Call tones
- Emergency channel quick select 3.5mm
- External speaker connection (for optional speaker)
- Front facing speaker

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UHF400R Technical Specification

GENERAL

| | |
|-----------------------------|---------------------------------------|
| Compliance | AS/NZS 4365:2011 |
| Frequency Range TX | 476.425 - 477.4125MHz |
| 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 | 250 ms per channel |
| Antenna Impedance | 50 Ohms |
| Automatic Level Control | For consistent audio output |
| Operating Volts Range | 10 - 15 VDC |
| Over Voltage Protection | Diode and voltage regulator |
| Over Current Protection | 2 AMP fuse |
| Reverse Polarity Protection | Series diode |
| Frequency stability | +/- 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 = 30.85MHz, 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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