

UHF088

DIN SIZE

5 WATT UHF CB RADIO



5 YEAR
WARRANTY

 HEAVY DUTY
MICROPHONE
PLUG

60 RECEIVE ONLY
CHANNELS

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This high-powered DIN mount UHF CB Radio is built tough to last. It's simple one-handed operation and easy to see multi-coloured backlit display make this the safe and easy way to discover what is happening around the farm or on the road ahead.

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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UHF088 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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