

UHF098

DIN SIZE

5 WATT UHF CB RADIO



7

COLOUR
BACKLIT
DISPLAY



5

YEAR
WARRANTY

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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

- Standard DIN size
- 5 Watts (max TX power)
- Heavy duty microphone with programmable buttons and channel control
- Front mounted speaker
- Rugged construction
- Open, priority and memory scanning
- Large easy to read LCD display
- 38 CTCSS and 104 DCS codes
- Busy channel lock
- Triple watch
- Audio scrambler
- 7 Colour backlit display
- Duplex (range extender)
- Digital signal strength indicator
- Priority channel
- Rotary squelch and volume control
- External speaker jack (3.5mm)
- Designed and engineered in Korea

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UHF098 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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