

oricom

UHF025R

5 WATT UHF CB RADIO

COMPACT

COMPACT
SIZE



Built tough for off-road, tradie, and industrial use, this compact UHF radio is made to perform when it counts. Instant Replay lets you listen back to the last 10 minutes of audio while three instant recall channels and 38 CTCSS codes keep your conversations clear and interference-free.



YEAR
WARRANTY



7 COLOUR
BACKLIT
DISPLAY



INSTANT
REPLAY



HEAVY DUTY
MICROPHONE
PLUG

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KEY FEATURES

- **Instant Replay (Up to 10 Minutes of Recording)**
Never miss important details, replay the last transmissions with up to 10 minutes of audio storage.
- **Compact Size**
Saves space and allows flexible installation in vehicles or tight setups.
- **Rugged Construction**
Built tough to withstand harsh conditions, ideal for off-road, tradie, or industrial use.
- **Heavy-Duty Microphone Plug**
Ensures a solid and reliable connection, even in high-vibration environments.
- **Three Instant Recall Channels**
Quickly access your most frequently used channels at the touch of a button.
- **38 CTCSS Codes**
Helps block unwanted transmissions and allows for private, interference-free conversations.
- **Duplex**
Extends your communication range via repeater stations, perfect for long-distance use.
- **Open/Instant Repeater and Priority Scan**
Automatically scan and lock onto active channels or priority frequencies for faster response and monitoring.
- **Rotary Squelch and Volume Control**
Easily fine-tune background noise and audio levels for optimal sound in any environment.
- **3.5mm External Speaker Jack**
Connect an external speaker for clearer audio, especially in loud or open areas

MECHANICAL

Dimensions (H) X (W) X (D) 40 x 139 x 123mm

TECHNICAL SPECIFICATION

Compliance	AS/NZS 4365:2011
Frequency Range TX/RX	476.425 - 477.4125 MHz
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	130mS per channel
Antenna Impedance	50 Ohms
Operating Volts Nominal	13.8VDC
Operating Volts Range	10 to 15VDC
Over Voltage Protection	Voltage regulator system
Over Current Protection	2 AMP fuse
Reverse Polarity Protection	Shunt diode
Frequency Stability	+/- 2.5 ppm

TRANSMITTER

RF Output Power	5 Watts max
Modulation	F3E(FM)
Maximum Deviation	2.5KHz
Spurious Emissions	<-70dBc
TX Audio Pre-emphasis	6dB/Octave from 300Hz to 3KHz
Current consumption during TX	1.5 AMP with 50 ohm antenna termination

RECEIVER

Circuit Type	Direct conversion by single DSP chip
Intermediate Frequencies	IF = 137KHz
Maximum Usable Sensitivity	< -122dBm at 12dB SINAD
Audio Output Power	3 Watts Maximum
RX Audio De-emphasis	-6dB/Octave 300Hz to 3KHz

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