

UHF310

# 5 WATT UHF CB RADIO

MICRO SIZE



7 COLOUR  
BACKLIT  
DISPLAY



FLIP  
LCD



RUGGED  
AND RELIABLE  
CONSTRUCTION

Designed for clarity and ease of use, this ultra-compact micro 5 watt UHF CB radio features a flip screen and fits perfectly in modern vehicles or machinery where space is limited.



YEAR  
WARRANTY

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## KEY FEATURES

- Ultra compact micro size
- 7 colour backlit display
- Flip LCD function
- Automatic Level Control (ALC) for consistant audio levels
- 38 CTCSS and 104 DCS
- Duplex (range extender)
- Open/Priority scan
- Priority channel
- Heavy duty microphone with volume, channel and squelch control
- 3.5mm external speaker jack

## 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	130 msec per channel
Antenna Impedance	50 Ohms
Operating Volts nominal	13.8VDC
Operating Volts Range	10 to 15VDC
Over Voltage Protection	Voltage regulator
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	<-70dBm
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	Less than -122dBm at 12dB SINAD
Audio output power	3 Watts maximum
RX Audio de-emphasis	-6dB/octave 300Hz to 3kHz

## MECHANICAL

Dimensions (H) X (W) X (D) 23.8mm x 100mm x 94mm



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