

UHF380

# CONTROLLER SPEAKER MICROPHONE

COMPACT 5 WATT UHF CB RADIO



**5** YEAR WARRANTY

**PRI** PRIORITY CHANNEL

**ID** SELCALL ID

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# UHF380 CONTROLLER SPEAKER MICROPHONE

## COMPACT 5 WATT UHF CB RADIO

The UHF380 utilises space saving design allowing the transceiver to be tucked away, while the rugged, ergonomic controller speaker mic allows for all of the features of the radio at your fingertips. Perfect for modern vehicles where space is limited.

### KEY FEATURES

- 80 Narrowband channels
- 5 watts (max TX power)
- Heavy duty controller speaker microphone
- Ultra compact transceiver
- Rotary volume & channel knob
- Wide band scanner (400 – 512MHz)
- 8500+ Receive frequencies
- 5 Digit Selcall ID with alpha display
- CTCSS and DCS
- Tri colour backlit LCD display (Amber/Red/Green)
- Duplex (range extender)
- Open/Priority and Instant Channel Scan
- Digital squelch control
- Busy channel lockout
- Rugged chassis construction with integrated heat sink
- 3.5mm external speaker jack
- Designed and engineered in Korea

### UHF380 Technical Specification

#### GENERAL

Compliance	AS/NZS 4365:2011
Frequency Range TX/RX	476.425 - 477.4125 MHz
Number of TX/RX Channels	80 UHF CB
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 15 VDC
Over Voltage Protection	Diode and voltage regulator
Over Current Protection	2 AMP fuse
Reverse Polarity Protection	Shunt diode
Frequency stability	+/- 5 ppm

#### 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 = 21.4MHz , 2nd IF = 450kHz
Maximum useable sensitivity	-123dBm for 12dB SINAD
Audio output power	3 Watts Maximum
RX Audio de-emphasis	-6dB/octave 300Hz to 3kHz

#### MECHANICAL

Dimensions (H) X (W) X (D)	135 (d) x 110 (w) x 29 (h) mm
Weight	420g



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