

# UHF 390 CONTROLLER SPEAKER MICROPHONE

5 WATT UHF  
CB RADIO

MICRO  
SIZE FOR  
EASY  
INSTALL



AUDIO  
EQUALISER



DUAL  
SPEAKER



RUGGED  
CONSTRUCTION



5 YEAR  
WARRANTY

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# UHF 390 CONTROLLER SPEAKER MICROPHONE

## 5 WATT UHF CB RADIO



The UHF390 removes the need for a head unit, with all of the radio's controls in the microphone. The integrated speaker in the controller mic works with the transceiver speaker to deliver exceptional sound quality and volume.

### KEY FEATURES

- 5 watt (max TX power)
- Heavy duty controller speaker microphone
- Rugged micro size transceiver
- Large easy to read LCD display
- Automatic Level Control (ALC) for constant audio levels
- 38 CTCSS and 104 DCS codes
- Duplex (range extender)
- Open/Priority scan
- Priority channel
- 3.5mm external speaker jack
- Designed for Australian conditions. Made in Korea.



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### UHF390 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 (75 Voice channels)
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	voltage regulator
Over Current Protection	2 AMP fuse
Reverse Polarity Protection	Shunt diode
Frequency stability	+/- 2.5ppm

#### TRANSMITTER

RF Output Power	Nominal 5 watts
Modulation	F3E(FM)
Maximum deviation	2.5KHz
Spurious Emissions	< -70 dBc
TX Audio pre-emphasis	+ 6dB/octave from 300Hz to 3kHz
Current consumption during TX	1.5 Amps with 50 Ohm antenna termination

#### RECEIVER

Circuit Type	Direct conversion by Single DSP chip
Intermediate Frequencies	IF = 137KHz
Maximum useable sensitivity	Less than -122dBm at 12dB SINAD
Audio output power	3 Watts Maximum
RX Audio de-emphasis	-6dB/octave 300Hz to 3kHz

#### MECHANICAL

Transceiver Dimensions	27 (h) x 102 (w) x 85 (d) mm
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