



# XRS™ CONNECT IP67 UHF CB RADIO WITH BLUETOOTH® & GPS

## XRS-390C

Building on the market-leading innovation of our popular range of XRS™ Connect UHF CB Radios, the XRS-390C offers several exciting new features, clearly demonstrating GME's ongoing commitment to the development of new technology for Australian UHF CB Radio users.

The XRS-390C is the first UHF CB radio to feature a built-in GPS receiver, offering true location awareness without relying on a smartphone to provide GPS location data. This capability is particularly useful in commercial applications where location tracking of users is required for workplace safety.

Featuring IP67 Ingress Protection and a MIL-STD810G rating, the XRS-390C is our toughest radio yet. Both the hideaway main unit and the rugged OLED speaker microphone are dust and waterproof, ensuring ultra-reliable performance in the toughest environments.

The XRS-390C has been designed and engineered to suit specific applications including UTVs and Agricultural machinery, bringing the full suite of unique XRS™ Connect features to a new segment of the UHF CB market.

### FEATURES

Built-in GPS Receiver - Location Aware

IP67 Ingress Protection: Waterproof & Dustproof

MIL-STD 810G: Vibration & Shock Resistant

5 Watt Transmission Power

Professional Grade IP67 OLED Speaker Microphone

Class-leading 2 Watt Front-facing Speaker

User-customizable Buttons

Bluetooth® Wireless Technology – Smartphone Control

XRS™ Connect – Smartphone Application

User-customisable Buttons



# Specifications

GENERAL	
<b>Compliance</b>	AS/NZS 4365 for Radio Communications Equipment in the UHF Citizen Band and Personal Radio Service
<b>Frequency Range</b>	TX: 476.425 MHz – 477.4125 MHz
<b>Number of Channels</b>	80 CB + 400 Receive only Channels Across 8 Zones
<b>Channel Spacing</b>	12.5 kHz / 25 kHz
<b>Scanning Speed</b>	50 Channels Per Second (20 ms Per Channel)
<b>Antenna Impedance</b>	50Ω Nominal
<b>Nominal Supply Voltage</b>	12 V DC
<b>Recommended Operating Voltage Range</b>	10-14 V DC
<b>Battery Polarity</b>	Negative Earth
<b>Overcurrent Protection</b>	In-line 2 Amp Fuse
TRANSMITTER	
<b>RF Output</b>	5W
<b>Frequency Stability</b>	< ± 1.5kHz
<b>Modulation</b>	FM
<b>Spurious Emission</b>	< -70 dBc
<b>Maximum Deviation</b>	< ± 2.5 kHz at + 20 Db AF Limiting
RECEIVER	
<b>Sensitivity</b>	-123 dBm for 12 dB SINAD
<b>Adjacent Channel Selectivity</b>	-6 dB at ± 3.5 kHz, -60 dB at ± 12.5 kHz
<b>Audio Output Power</b>	3 W (4Ω)
<b>Audio Signal to Noise</b>	> 45 dB Unweighted

MECHANICAL AND ENVIRONMENTAL			
<b>Dimensions</b>	128mm (W) x 92mm (D) x 29mm (H)		
<b>Weight</b>	310 Grams		
<b>Operating Temperature</b>	-10° C to +60° C		
<b>Antenna Connection</b>	FME panel socket		
<b>External Speaker</b>	3.5 mm Mono Jack		
<b>Front Microphone Port</b>	8 Pin RJ45 Connection		
<b>12 Volt Power Supply</b>	Two core cable with IP67 2 pin conection		
<b>Ingress Protection</b>	IP67 (dust tight and waterproof)		
MIL-STD 810G			
	<b>Standard</b>	<b>Method</b>	<b>Procedure</b>
	High Temperature	501.5	i, ii
	Low Temperature	502.5	i, ii
	Temperature Shock	503.5	i
	Rain Blowing/Drip	506.5	i, iii
	Humidity	507.5	-
	Salt Fog	509.5	-
	Immersion	512.5	i
	Vibration	514.6	i
	Shock	516.6	i, iv
ACCESSORIES			
	<b>MC668B-M</b>	Professional-grade OLED Speaker Microphone with GPS	
	<b>MC668B-IP</b>	Professional-grade IP67 OLED Speaker Microphone with GPS	
	<b>LE119</b>	2 Metre IP67 Microphone Extension Lead with Panel Mount	
	<b>LE120</b>	2 Metre Microphone Extension Lead	
	<b>MB206</b>	Microphone Mounting Bracket	
	<b>MB207</b>	Magnetic Microphone Mounting Bracket	
	<b>LE016</b>	IP67 12V DC Power Lead	
	<b>MB009</b>	Mounting Bracket	
	<b>CA013K</b>	Mounting Rail and Mounting Clamp Kit - Suit MB009 Bracket	

Specifications are subject to change without notice, they are issued as a guide only and shall not form part of any contract without the express written authorization of GME.

