



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

IP67 Ingress Protection: Waterproof & Dustproof

MIL-STD 810G

5 Watt Transmission Power

Professional-grade IP67 OLED Speaker Microphone

2 Watt Front-facing Speaker

Bluetooth® Wireless Technology – Smartphone Control

XRS™ Connect – Smartphone Application



5 YEAR WARRANTY

Specifications

GENERAL	
Compliance	AS/NZS 4365 for radio communications equipment in the UHF citizen band and personal radio service
Frequency Range	TX: 476.425 MHz – 477.4125 MHz
Number of Channels	80 CB + 400 Receive only channels across 8 zones
Channel Spacing	12.5 kHz
Scanning Speed	50 Channels Per Second (20 ms per channel)
Antenna Impedance	50Ω Nominal
Supply Voltage	12 V DC
Operating Voltage Range	10-16 V DC
Battery Polarity	Negative Earth
Overvoltage Protection	30 volts DC maximum. At 18 volts DC the channel display flashes 'Hi DC' for 5 seconds on receive. The RF power is reduced and TX flashes on transmit.
Reverse Voltage Protection	Diode crowbar
Overcurrent Protection	In-line 2 amp fuse
TRANSMITTER	
RF Output	5W
Frequency Stability	< ± 1.5kHz
Modulation	FM
Spurious Emission	< -70 dBc
Maximum Deviation	< ± 2.5 kHz at + 20 Db AF Limiting
RECEIVER	
Sensitivity	-122 dBm for 12 dB SINAD
Adjacent Channel Selectivity	-6 dB at ± 3.5 kHz, -60 dB at ± 12.5 kHz
Audio Output Power	3 W (4Ω)
Audio Signal to Noise	> 45 dB unweighted

MECHANICAL AND ENVIRONMENTAL			
Dimensions	128mm (W) x 92mm (D) x 29mm (H)		
Weight	310 Grams		
Operating Temperature	-10° C to +60° C		
Antenna Connection	FME panel socket		
External Speaker	3.5 mm mono jack		
Front Microphone Port	8 Pin RJ45 Connection		
12 Volt Power Supply	Two core cable with IP67 2 pin connection		
Ingress Protection	IP67 (dust tight and waterproof)		
MIL-STD 810G			
	Standard	Method	Procedure
	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			
	MC668B-IP	Professional-grade IP67 OLED Speaker Microphone with GPS	
	MC668B-M	Professional-grade OLED Speaker Microphone with GPS	
	LE119	2 Metre IP67 Microphone Extension Lead with Panel Mount	
	LE120	2 Metre Microphone Extension Lead	
	MB206	Microphone Mounting Bracket	
	MB207	Magnetic Microphone Mounting Bracket	
	LE016	IP67 12V DC Power Lead	

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 authorisation of GME.

