



# XRS™ CONNECT HEAVY DUTY COMPACT UHF CB RADIO

## XRS-375C

XRS™ Connect is an Australian Made radio platform designed to be smart, adaptable, and rugged.

Building on the strong heritage of our first generation of XRS™ Connect radios, the all-new XRS™ range once again raises the benchmark for UHF CB Radios, with numerous advancements in technology ensuring GME remains at the cutting-edge of two-way radio communication.

The second generation of XRS™ radios boast a suite of innovative new features including a powerful 3-watt speaker, IP67-rated microphone, high-contrast Colour TFT LCD screen, built-in GPS receiver, Bluetooth Audio connectivity, Noise Reduction technology, and multiple user-customisable buttons.

The XRS-375C features a Compact metal chassis with a secondary speaker in the base unit – ideal for installation in noisy 4WDs and other loud machinery – ensuring maximum audio output in any conditions. The XRS-375C also boasts a MIL-STD 810H rating for resistance to Vibration, Shock, Temperature and Humidity.

### FEATURES

- 5 Watt Heavy Duty Compact Design
- Professional Grade IP67\* Speaker Microphone
- 3 Watt Speaker Microphone & Base Speaker
- Anti-Glare Colour TFT LCD Screen
- Scansuite™ - Digital Scanning Technology
- Multiple User-customisable Buttons
- Bluetooth® Wireless Technology - Audio & Data
- Built-in GPS Receiver - Location Aware
- Noise Reduction Technology
- Automatic Power Down
- User Updateable Firmware
- 12/24 Volt Power Input
- MIL-STD 810H: Vibration, Shock, Temperature & Humidity Resistant
- XRS™ Connect - Smartphone Application
- XRS™ Connect Features - Voice Playback, Active Mute, Crewtalk, Location Services



# 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 / 25 kHz
Scanning Speed	50 Channels Per Second (20 ms Per Channel)
Antenna Impedance	50Ω Nominal
Nominal Supply Voltage	12V DC or 24V DC
Recommended Operating Voltage Range	10V - 28V DC
Battery Polarity	Negative Earth
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	-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 117mm (D) x 32mm (H)
Weight	390 Grams
Operating Temperature	-10° C to +60° C
Antenna Connection	FME Panel Socket
External Speaker	3.5 mm Mono Jack
External Microphone	3.5 mm Mono Jack
External PTT Switch	2.5 mm Mono Jack
Front Microphone Port	8 Pin RJ45 Connection
12 Volt Power Supply	Two Core Cable with Bulkhead Connector in Rear Panel

MIL-STD 810H (MICROPHONE)		
Standard	Method	Procedure
High Temperature	501.7	i, ii
Low Temperature	502.7	i, ii
Temperature Shock	503.7	i
Rain Blowing/Drip	506.6	i, iii
Humidity	507.6	-
Salt Fog	509.7	-
Immersion	512.6	i
Vibration	514.8	i
Shock	516.8	i, iv
MIL-STD 810H (RADIO BASE)		
Standard	Method	Procedure
High Temperature	501.7	i, ii
Low Temperature	502.7	i, ii
Temperature Shock	503.7	i
Humidity	507.6	-
Salt Fog	509.7	-
Vibration	514.8	i
Shock	516.8	i, iv
ACCESSORIES		
MC670B	Controller Microphone with Magnetic Bollard- Suit XRS Gen 2	
LE040	1.8 Meter RJ45 Microphone Extension Lead - Suit AD008	
LE121	1.8m RJ45 Shielded Microphone Extension Lead - Suit AD008	
LE125	1.8m DC Power Lead with Positive and Negative Fuse	
AD008	RJ45 Pass-Through Adaptor with black casing - Suit LE040	
MB207	Magnetic Microphone Mounting Bracket	
MB009	Mounting Bracket	
CA013K	Mounting Rail and Mounting Clamp Kit - Suit MB009 Bracket	
3MAP	3M VHB Adhesive Patch	
XRS-RJ45RND	RJ45 Pass-Through Adaptor - Universal Round	
XRS-RJ45xx	RJ45 Pass-Through Adaptor Range - Vehicle Specific	

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.