



XRS™ CONNECT IP67 GMRS RADIO WITH BLUETOOTH® & GPS

XRS-390C-U

The XRS-390C-U is our toughest GMRS Two-Way radio yet, featuring IP67 Ingress Protection to prevent dust and water ingress, and a MIL-STD 810G Rating to protect against vibration and shock.

Both the hideaway main unit and the rugged OLED speaker microphone are dustproof and waterproof, ensuring ultra-reliable performance in the most brutal offroad environments.

The XRS-390C-U features a loud and clear 2-watt speaker, user-customizable buttons, Bluetooth® connectivity enabling over-the-air firmware updates, and our ever-popular magnetic microphone mounting bracket.

This radio has been designed and engineered to suit hardcore offroad applications including buggies, crawlers, and UTVs, offering the full suite of unique XRS™ Connect features in a tough body built to handle anything you can throw at it.

FEATURES

- 5 Watt Rugged Compact Design
- IP67* Ingress Protection: Water & Dustproof
- MIL-STD 810G: Vibration & Shock Resistant
- Professional Grade IP67 OLED Speaker Microphone
- 2 Watt Front-facing Speaker
- User-customizable Buttons
- Bluetooth® Wireless Technology – Smartphone Control
- XRS™ Connect – Smartphone Application
- XRS™ Connect Features – Voice Playback, Active Mute, Crewtalk



Specifications

GENERAL	
Compliant Specification:	FCC 47 CFR Part 95 Subpart E
Frequency Range:	TX: 462.5500 MHz - 467.7250 MHz
	RX: 403 MHz – 520 MHz
Number of Channels:	15 GMRS + 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
Reverse Voltage Protection:	Diode Crowbar
Over-current Protection:	In-line 2 amp fuse
TRANSMITTER	
RF Output:	5W
Frequency Stability	< ± 1.2 kHz
Modulation:	FM
Spurious Emission	< -60 dBc
Maximum Deviation	< ± 2.5 kHz at +20dB AF limiting (NB mode) < ± 5.0 kHz at +20dB AF limiting (WB mode)
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:	> 40 dB unweighted

MECHANICAL AND ENVIRONMENTAL		
Dimensions	5.04" (W) x 3.62" (D) x 1.14" (H)	
Weight	10.93 oz	
Operating Temperature	-20°C to + 60°C (-4°F to 140°F)	
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 conection	
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	
Dust Blowing	510.5	i
Immersion	512.5	i
Vibration	514.6	i
Shock	516.6	i, iv
ACCESSORIES		
MC668B-IP-U	Professional-grade IP67 OLED Speaker Microphone with GPS	
LE119	6.5 ft (2M) IP67 Microphone Extension Lead with Panel Mount	
LE120	6.5 ft (2M) Microphone Extension Lead	
MB207	Magnetic Microphone Mounting Bracket	
LE016	IP67 12V DC Power Lead	
MB009	Mounting Bracket	
CA013K	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.

