



# XRS™ CONNECT SUPER COMPACT GMRS RADIO

## XRS-330C-U

The XRS-330C-U Super Compact GMRS Two-Way radio is the most compact GMRS mobile radio in the GME range – perfectly suited for installation in modern 4x4s and Overlanding vehicles where space to mount the radio base unit is limited.

This radio features a professional grade speaker microphone complete with a loud and clear 2-watt speaker, user-customizable buttons and a high contrast OLED screen guaranteeing a crystal clear, anti-glare display in any lighting conditions.

All XRS™ Connect GMRS Radios also offer Bluetooth® connectivity - enabling over-the-air firmware updates, simplified customization of settings, and smartphone control.

### FEATURES

- 5 Watt Super Compact Design
- Professional Grade OLED Display
- 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



5 YEAR WARRANTY

# 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
Operation Mode:	Simplex or half Duplex with repeater talk-around
Scanning Speed:	20 ms per channel (50 channels per second)
Antenna Impedance:	50 Ohms nominal
Nominal Battery Voltage:	12 volts DC
Operating Voltage Range:	10 - 16 volts DC
Battery Polarity:	Negative Earth
Standard Test Voltage:	13.8 volts DC
Reverse Voltage Protection:	Diode Crowbar
Over-current Protection:	In-line 2 amp fuse
TRANSMITTER	
RF Output:	5 watts
Spurious Emission:	< - 70 dBc
Frequency Error:	< $\pm$ 1.5 kHz
Modulation:	FM
Maximum Deviation:	< +2.5kHz at +20dB AF limiting (NB mode), < +5.0kHz at +20dB AF limiting (WB mode)
Transmit Frequency Response:	+6 dB per octave 300 Hz to 3 kHz + 1 , 3 dB
Demodulated Audio Signal to Noise:	>45 dB unweighted
Current Consumption:	1.7 amps with 50 Ohms termination
RECEIVER	
Intermediate Frequencies:	38.85 MHz, 450 kHz
Sensitivity:	-122 dBm for 12 dB SINAD unweighted
Selectivity:	-6 dB at $\pm$ 3.5 kHz, -60 dB at $\pm$ 12.5 kHz
Intermodulation Immunity:	-72 dB
Blocking Immunity:	-98 dB
Spurious Response Immunity:	70 dB
Audio Output Power:	3 watts average into 4 Ohms
Audio Signal to Noise:	>45 dB unweighted
Receive Frequency Response:	-6 dB/Octave de-emphasis 300 Hz to 3 kHz +1 -3 dB
Current Consumption:	<175 mA muted, 750 mA full volume
Conducted Spurious Emission:	<70 dBm

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 2 pin conection
ACCESSORIES	
MC664B-M-U	Professional-grade OLED Speaker Microphone with Magnetic Bollard
LE040	5.9 ft (1.8M) RJ45 Microphone Extension Lead - Suit AD008
LE121	5.9 ft (1.8M) RJ45 Shielded Microphone Extension Lead - Suit AD008
AD008	RJ45 Pass-Through Adaptor with Black Casing - Suit LE040
MB207	Magnetic Microphone Mounting Bracket
LE125	5.9 ft (1.8M) DC Power Lead W/Positive and Negative Fuse
MK031	Mounting Kit
CA45R	Gimbal Knob
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 authorization of GME.

