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XRS™ Connect Super Compact Hideaway
#XRS-330C



5 YEAR WARRANTY
Bluetooth®

DESCRIPTION

The XRS™ family is a new Australian made radio platform designed to be smart, adaptable and rugged. Features a powerful 2 watt speaker, customisable buttons and a high contrast OLED screen guaranteeing crystal clear, anti-glare display.

Enabled by Bluetooth® wireless technology, XRS™ is the first of a new generation of connected UHF radios with unique features never seen before.

SPECIFICATIONS

GENERAL SPECIFICATIONS

Compliant Specifications	• AS/NZS 4365	Operating Voltage Range	• 10 - 16 Volts DC
Frequency Range TX	• 476.425 - 477.4125 MHz	Battery Polarity	• Negative Earth
Number of Channels	• 80	Standard Test Voltage	• 13.8 Volts DC
Channel Spacing	• 12.5 kHz	Overvoltage Protection	• 30V DC Max, (Hi DC Flash @ 18V DC)
Operation Mode	• Simplex or Half Duplex with Repeater	Reverse Voltage Protection	• Diode Crowbar
Scanning Speed	• 25 ms per Channel	Overcurrent Protection	• In-Line 2A Fuse
Antenna Impedance	• 50 Ohms Nominal	Operating Temperature	• -10°C to 60°C
Nominal Battery Voltage	• 12 Volts DC	Dimensions	• 21mm H x 100mm L x 87mm D

TRANSMITTER SPECIFICATIONS

RF Output	• 5 Watts	Maximum Deviation	• < +/- 2.5 kHz at +20 dB AF Limiting
Spurious Emission	• < -70 dBc	Frequency Response	• +6 dB per Octave 300 Hz to 3 kHz +1-3 dB
Frequency Error	• < +/- 1.5 kHz	Audio Signal to Noise	• > 45 dB Unweighted
Modulation	• FM	Current Consumption	• 1.5A with 50 Ohms Termination

RECEIVER SPECIFICATIONS

Intermediate Frequencies	• 38.85 MHz, 450 kHz	Spurious Response Immunity	• 70 dB
Sensitivity	• -122 dBm for 12 dB SINAD Unweighted	Audio Output Power	• 3W Average into 4 Ohms
Selectivity	• -6 dB at +3.5 kHz, -60 dB at +/- 12.5 kHz	Audio Signal to Noise	• > 45 dB Unweighted
Intermodulation Immunity	• -72 dB	Current Consumption	• < 175 mA Muted 750 mA Full Volume
Blocking Immunity	• -98 dB	Conducted Spurious Emission	• < -70 dBm