



L3HARRIS®
FAST. FORWARD.

XL-RHHC RUGGEDIZED HANDHELD CONTROLLER

The XL-Mobile Ruggedized Handheld Controller provides the same functions as the XL Onboard™ control head and includes a full color LCD screen, mobile microphone, and full alphanumeric keypad in a compact unit. The controller provides the flexibility, performance and reliability users have come to expect from the L3Harris line of control units.

GENERAL	
Application	XL Onboard 200M and 185M mobiles
RHHC Dimensions (H x W x D) (Not Including Cord Length)	5.25 x 2.95 x 1.50 in (133.4 x 69.9 x 38.1 mm)
Cord Length	Coiled: 33.8 in (858.52 mm) Stretched: 77.8 in (1976.12 mm)
Power	Range: 13.8 VDC ± 20% Current: <500 mA
Ambient Temperature Range	-22 to +140°F (-30 to +60°C)
Microphone	Integral weatherproof microphone with hookswitch
Construction	High-impact plastic
Display	320 x 178 pixels, 1.8 inch transfective LCD, 16-bit color with backlight
Controls	Power Volume ramps (2) Keypad (backlit) Option buttons (3) Volume Up/Down ramp PTT Menu System Up System Down Emergency Hookswitch

MICROPHONE SPECIFICATIONS	
Sensitivity	97 dB @ 1000 Hz @ 8 mm
Impedance	600 ohms
Frequency Response	300 to 3000 Hz within the specified response mask
Distortion	<3% THD @ 1kHz

A separate speaker is required for audio.



KEY FEATURES:

- > Has the same intuitive user interface as our XL Series portables
- > Provides the same advanced features of the XL Onboard control unit
- > A great option for the covert user when used with an XL 200M or XL 185M mobile radio
- > Has an improved rugged design, meeting an extended range of environmental specifications

ENVIRONMENTAL SPECIFICATIONS

Standard	Parameter	Methods & Procedures
MIL-STD-810G*	Low Pressure	500.4, Proc. I, II
	High Temperature	501.4, Proc. I, II
	Low Temperature	502.4, Proc. I, II
	Temperature Shock	503.4, Proc. I
	Solar Radiation	505.4, Proc. II
	Blowing Rain	506.4, Proc. I
	Humidity	507.4, Proc. II
	Salt Fog	509.4, Proc. I
	Blowing Dust	510.4, Proc. I
	Minimum Integrity Vibration	514.5, Proc. I, Category 24
	Functional/Basic Shock	516.5, Proc. I
	Transit Drop	516.5, Proc. IV
TIA/EIA-603	Vibration Stability	Par. 2.3.4 & 4.3.4
	Shock Stability	Par. 2.3.4 & 3.3.4
U.S. Forest Service	Vibration Stability	Paragraph 2.15

*Also meets superseded MIL-STD-810C, -D, and -E.

Technical specifications are subject to change without notice.
Product sales are subject to applicable U.S. export control laws.

OPERATION WITH THE XL ONBOARD SERIES OF MOBILE RADIOS

The XL-RHHC Ruggedized Handheld Controller operates on the XL 200M or XL 185M mobile radio. It incorporates the features and functions of the XL-Mobile CH control unit in a compact package.

NEW RUGGED DESIGN

The XL-RHHC Ruggedized Handheld Controller is designed for use in rigorous public safety environments. The unit meets MIL-STD-810 environmental specifications, including blowing rain and vibration.

COMPACT UNIT

The small size of the Ruggedized Handheld Controller allows the unit to be concealed easily in a vehicle, making it ideal for covert operations. Its compact size also makes the unit perfect for use in space-constrained environments such as motorcycle applications.

DESIGNED FOR EASE OF USE

The Ruggedized Handheld Controller was designed to be easy to use. The unit contains a microphone, full-color LCD, and keypad integrated into an ergonomic package. A separate speaker is required for audio. Controls are arranged for convenient single-handed operation. The display is easy to read, even in direct sunlight.

CONTROL FUNCTIONS

In addition to the 3 x 4 alphanumeric backlit keypad, the following controls are included:

- > Emergency button
- > PTT
- > Easy menu navigation
- > Option buttons (3)
- > Up/Down ramp control for channel/group navigation
- > Volume Up/Down ramp
- > Microphone
- > Programmable alpha-numeric keypad including DTMF capability

DISPLAY

The full-color LCD makes it easy to navigate through all the functions and controls of the XL Onboard™ series mobile radios.

XL-RHHC Handheld Controller

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L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers' mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.



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