

## NOVA XL

### Standard Features:

- Ergonomic and lightweight
- Up to 4 Dual-Axis Joysticks or 8 Paddle Levers
- Optional graphic display
- Customized to application

### Typical Applications:

- Hydraulic Cranes
- Gantry Cranes
- Digger Derricks
- Material Handling
- Tower Cranes
- Overhead Cranes



<b>NOVA XL Specifications:</b>			
<b>Housing:</b>	Impact Resistant Polymer Composite	<b>Typical Operating Range:</b>	Varies depending on antenna and RF output; typical 100m (300') with internal antenna and 10mW RF output
<b>Weight:</b>	Up to 1900Gr (4.2lbs) Typical; Depends on configuration		
<b>Dimensions:</b>	H: 165mm (6.5") W: 315mm (12.4") D: 170mm (6.7")	<b>Safety:</b>	20-bit programmable address with up to 1 million combinations; Active & Passive STOP Function; Parity and Checksum
<b>Environmental Protection:</b>	IP 65 (Exceeds NEMA 12/13)		
<b>Antenna:</b>	Internal Typical; External via TNC Connector available	<b>Temperature Range:</b>	-20°C to +70° C (-4° F to +158° F)
<b>Power Supply:</b>	3.6V NiMH rechargeable battery pack or 9Ah Lithium Ion battery	<b>Humidity Range:</b>	0 to 97% max. non-condensing
<b>Operation Time:</b>	Varies depending on battery type of output power	<b>Response Time:</b>	Less than 100msec
<b>Diagnostics:</b>	Status LED for operation and standard/advanced low battery detection	<b>Frequency Range:</b>	4xxMHz, 8xxMHz, 9xxMHz, 2.4GHz
<b>Typical Control Configuration Options:</b>	NOVA XL PROP 6K, NOVA XL PROP 8K, NOVA XL PROP 6L, NOVA XL PROP 8L and NOVA XL PROP 4K/2L. Easily customized, the NOVA XL can take up to four (4) digital/proportional dual/triple-axis joysticks or up to eight (8) single axis proportional paddle levers, stop switch; Customized switches available upon request; Half and Full Duplex Feedback; Cable back-up	<b>RF Unit:</b>	Type CS synthesized with multiple frequencies
		<b>Power (RF Output):</b>	<10mW typical, can be customized to suit application
		<b>Battery Charger:</b>	Dependent on battery type (Included with battery)
		<b>Options:</b>	Display Intrinsically Safe EX (Explosion Proof)
		<b>Baud Rate:</b>	Up to 9600 bps depending on application

**ABOUT HETRONIC:**

Since 1982 Hetronic Inc. has manufactured and delivered over 500,000 radio remote control systems to customers around the world. We are recognized leaders in providing the safest, most reliable industrial Safety Radio Remote Control (RRC) user interface solutions for process and equipment control applications. Every Hetronic system is designed and configured to customer specific application needs for safety, performance, reliability and productivity. With a global network of service locations in over 50 countries operators can count on Hetronic to be there when they need local and immediate service and support. Hetronic is committed to deliver turnkey radio remote control solutions that not only meet the highest standards for RF communication, but that also provide you with the newest technology and highest possible value to get the job done efficiently and safely in the harshest of environments.

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