



WE'RE NOT JUST CREATING REMOTE CONTROLS,
WE'RE CREATING A SAFER WORKPLACE.

NOVA XL

NOVA XL Transmitter



NOVA XL with LCD



NOVA XL with paddle levers



NOVA XL dual antennas
(EX optional)

- Field-Proven, Rugged, Reliable, Ergonomic designed Human-Machine-Interface (HMI) Transmitter
- IP65 (Exceeds NEMA 12/13)
- Large control panel has room for multiple digital and/or proportional precision controls
- Frequencies available: 4xxMHz, 8xxMHz, 1.216GHz, 2.4GHz
- Controls custom configured to application needs; combination of paddle levers, multi-axis joysticks, toggle switches or buttons
- Dimensions: H165mm (6.5") X W 312mm (12.3") X D 170mm (6.7")
- Weight: 1.9kg (4.1lbs.) depends on configuration
- Operating Range with internal antenna: 100m (300') typical \leq 1.2Ghz and 40m (120') for 2.4GHz

The Nova XL is the perfect operator remote control for applications ranging from crawler cranes, tower cranes, boom cranes, material handling and virtually any type of heavy-duty construction equipment from grinders to rock crushers. [Contact a Hetronic technical expert for more information and to discuss your specific application....](#)



NOVA XL			
Housing:	Impact Resistant Polymer Composite	Typical Operating Range:	Varies depending on antenna and RF output; typical 100m (300') with internal antenna for $\leq 1.2\text{GHz}$ and 40m for 2.4GHz and 10mW RF output
Weight:	Up to 1.9kg (4.1lbs.) typical; depends on configuration	Safety:	20-bit programmable address with up to 1 million combinations
Dimensions:	H 165mm (6.5") x W 312mm (12.3") x D 170mm (6.7")		Active & Passive STOP Function
Environmental Protection:	IP 65 (Exceeds NEMA 12/13)		Parity and Checksum
Antenna:	Internal Typical; External via TNC Connector available (RP-TNC for 2.4GHz)		
Power Supply:	3.6V NiMH rechargeable battery pack or battery adaptor with 3 1.5V AA batteries or 9Ah or 10.6Ah Lithium Ion batteries	Temperature:	-25 °C to +70 °C (-13 °F to +158 °F)
Operation Time:	Varies depending on battery type of output power	Humidity Range:	0 to 97% max. non-condensing
Diagnostics:	Status LED for operation and standard/advanced low battery detection	Response Time:	Less than 100msec
Typical Control Configuration Options:	Single, Dual or Three axis joysticks	Frequencies:	419,429,434,447,458,480MHz, 868MHz,1216MHz, 2400MHz
	Single axis paddle levers	RF Unit:	Type CS synthesized with multiple frequencies
	Any combination of key switches,toggle switches, push buttons, rotary switches and stop switch	Power (RF Output):	<math>< 10\text{mW}</math> typical, can be customized to application subject to local legislation
	Customized switches available upon request	Battery Charger:	Dependent on battery type (Included with battery)
	Half or Full Duplex Feedback	Options:	LCD Display
			RS232 Cable Control CAN Cable control

ABOUT HETRONIC

Since 1982 Hetronic, Inc. has delivered the safest, most reliable industrial Safety Radio Remote Control user interface solutions for process and equipment control applications in the industry. We have shipped over 400,000 rugged and reliable human-machine-interface solutions to customers around the world. Every Hetronic system is designed and configured to meet each customer specific needs and to improve operator efficiency and productivity in the toughest environments. With a global network of service locations in over 50 countries our customers can count on Hetronic to be there when they need fast service and support for your needs. 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. Contact a Hetronic expert and learn more at www.hetronic.com