

NOVA M Transmitter



- Ergonomically designed to be operated with gloves
- Compact, Lightweight, Rugged, Field-Proven Human-Machine-Interface (HMI) Transmitter
- Available as pre-engineered and “off-the-shelf” for most common applications
- Available with one (1) or two (2) dual axis joysticks or up to four (4) Paddle Levers
- Customizable joysticks, toggle switches, buttons (STOP) or other controls as required
- Frequencies available: 4xxMHz, 869MHz, 1.216GHz, 2.4GHz
- Dimensions: H150mm (5.9”) X W 180mm (7.1”) X D 110mm (4.3”)
- Weight: 910g (2.0lbs.) depends on configuration
- Operating Range: 100m (300’) typical with internal antenna and 50m (164’) with 2.4GHz radio

The Nova M is the perfect operator remote control for applications ranging from scissor lifts to construction equipment, tow trucks, service trucks, boom cranes, shotcrete, overhead cranes, material handling and a wide range of other process control applications. [Contact a Hetronic technical expert for more information and to discuss your specific application...](#)



NOVA M			
Housing:	Impact Resistant Polymer Composite	Typical Operating Range:	Varies depending on antenna and RF output; typical 100m (300') with internal antenna and 10mW RF output; 50m(164') with 2.4GHz radio
Weight:	910g (2.0 lbs.) typical; depends on configuration	Safety:	20-bit programmable address with up to 1 million combinations
Dimensions:	H 150mm (5.9") x W 180mm (7.1") x D 110mm (4.3")		Active & Passive STOP Function
Environmental Protection:	IP 65 (Exceeds NEMA 12/13)		Parity and Checksum
Antenna:	Internal	Operating Temperature:	-25 °C to +70 °C (-13 °F to +158 °F)
Power Supply:	3.6V NiMH rechargeable battery pack or battery adaptor with 3 1.5V AA batteries	Humidity Range:	0 to 97% max. non-condensing
Operation Time:	Up to 20 hrs. continuous operations	Response Time:	Less than 100msec
Diagnostics:	Status LED for operation and standard/advanced low battery detection	Frequencies:	419,429,434,447,458,480MHz, 869MHz,1.216GHz, 2.4GHz
Typical Control Configuration Options:	One (1) or Two (2) axis joysticks with or without detent; spring return to center or maintain.	RF Unit:	Type CS synthesized with multiple frequencies
	Up to four (4) single axis proportional paddle levers	Power (RF Output):	<10mW typical, can be customized to application
	Any combination of key switches, toggle switches, push buttons, rotary switches and stop switch. 70x32 Monochrome display with backlight.	Battery Charger:	Dependent on battery type (Included with TX and battery)
	Twist to release type STOP switch	Options:	TouchSensor™ with LED Signal
	Maintained off/on/program transmitter power key switch with removable key cap		Neck Belt
	Momentary start/horn push button		Cable control (RS232, CAN)

ABOUT HETRONIC

Since 1982 Hetronic, Inc. has delivered the safest, rugged and 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. Our global ServiceCare networks, with locations in over 50 countries provide our customers with Hetronic approved service and support for all 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