

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

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## NOVA M

### COMPACT, LIGHTWEIGHT, RUGGED FIELD-PROVEN HUMAN-MACHINE- INTERFACE (HMI) TRANSMITTER

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 & to discuss  
your specific application.

[hetronic.com](http://hetronic.com)



<b>HOUSING</b>	<ul style="list-style-type: none"> <li>Impact Resistant</li> <li>Polymer Composite</li> </ul>	<b>OPERATION TIME</b>	<ul style="list-style-type: none"> <li>Up to 20 hrs. continuous operations</li> </ul>
<b>DIMENSIONS</b>	<ul style="list-style-type: none"> <li>H: 150mm x W: 180mm x D: 110mm</li> <li>H: 5.9" x W: 7.1" x D: 4.3"</li> </ul>	<b>SAFETY</b>	<ul style="list-style-type: none"> <li>20-bit programmable address with up to 1 million combinations</li> <li>Address Module (ADMO)</li> <li>Active and Passive STOP function</li> <li>Parity and Checksum</li> </ul>
<b>WEIGHT</b>	<ul style="list-style-type: none"> <li>910g (2.0 lbs.) typical; depends on configuration</li> </ul>	<b>FREQUENCY RANGE</b>	<ul style="list-style-type: none"> <li>4xxMHz, 8xxMHz, 9xxMHz, 1.2GHz and 2.4GHz</li> </ul>
<b>ENVIRONMENTAL PROTECTION</b>	<ul style="list-style-type: none"> <li>Min IP 65 (Exceeds Nema 12/13)</li> </ul>	<b>ANTENNA</b>	<ul style="list-style-type: none"> <li>Internal (* external on request)</li> </ul>
<b>HUMIDITY RANGE</b>	<ul style="list-style-type: none"> <li>0 to 97% max. non-condensing</li> </ul>	<b>STANDARD POWER RF OUTPUT EIRP (50 Ohm)</b>	<ul style="list-style-type: none"> <li>10mW max or subject to country legislation</li> </ul>
<b>BATTERY RATING/TYPE</b>	<ul style="list-style-type: none"> <li>3.6V NiMH rechargeable battery pack</li> </ul>	<b>OPERATING RANGE</b>	<ul style="list-style-type: none"> <li>Typically 100m. Varies depending RF output.</li> <li>2.4GHz typically between 30-50m.</li> </ul>
<b>DIAGNOSTICS</b>	<ul style="list-style-type: none"> <li>Status LED for operation and standard/advanced low battery detection</li> </ul>	<b>RESPONSE TIME</b>	<ul style="list-style-type: none"> <li>Less than 100m sec</li> </ul>
<b>BATTERY CHARGER</b>	<ul style="list-style-type: none"> <li>Dependent on battery type (Included with TX and battery)</li> </ul>	<b>OPTION</b>	<ul style="list-style-type: none"> <li>TouchSensor™ with LED Signal</li> <li>Neck Belt</li> </ul>
<b>OPERATING TEMPERATURE</b> <b>STORAGE TEMPERATURE</b>	<ul style="list-style-type: none"> <li>-20C to +70C (-4F to +158F)</li> <li>-40C to +85C (-40F to +185F)</li> </ul>	<b>TYPICAL CONTROL CONFIGURATION OPTIONS:</b>	<ul style="list-style-type: none"> <li>One (1) or Two (2) axis spring return to center stepped joysticks</li> <li>Up to four (4) single axis proportional paddle levers</li> <li>Any combination of key switches, toggle switches, push buttons, rotary switches and stop switch</li> <li>Mushroom type "PUSH" STOP switch</li> <li>Maintained off/on/program transmitter</li> <li>Power key switch with removable key cap</li> <li>Momentary start/horn push button</li> </ul>



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**ABOUT HETRONIC**

Since 1982 Hetronic has delivered the finest, most reliable industrial Safety Radio Remote Control user interface solutions for process and equipment control applications in the industry. We have shipped over 500,000 safe and reliable transmitter/ receiver solutions to customers around the world. Our global network of service locations, in over 50 countries, provides expert service, support and sales when customers need safe, secure and reliable remote control solutions. Contact a Hetronic expert and learn more at [www.hetronic.com](http://www.hetronic.com)

