



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

ERGO F21

## Product Information

# ERGO F21

### Standard Features:

- Ergonomic, reinforced polymer
- IP65 housing designed for one-hand operation
- 21 Single Step Easy-Access Buttons
- 3 Side Buttons for Start, Stop
- Stop Button: Combination STOP/address key cap to store configuration settings
- Lightweight
- Half Duplex Communication Mode
- Labeled according to project specification
- Integrated LCD graphics display and up to 16 LED's for Feedback
- Fully Programmable Logic via H-Link Software

### Typical Applications:

- Construction Equipment
- Concrete Pumps
- Tower Cranes
- Man Lifts
- Drill Rigs
- Scissor Lifts
- Forestry & Winches
- Other similar applications



### ERGO F21 Specifications:

<b>Front buttons</b>	21 Single Step	<b>Feedback Method</b>	Integrated LCD graphics display and up to 16 LED feedback
<b>Side buttons</b>	3 Push button START, Push button STOP	<b>Logic</b>	Fully Programmable via H-Link Software
<b>Other Switches</b>	3-Position maintained Toggle switch	<b>Command response time</b>	Approximately 100msec.
<b>Functions on front buttons</b>	Single Step; Customizable labeling to project specification	<b>Stop function response time</b>	< 100msec.
<b>Start Button</b>	Push to START	<b>Security</b>	Approximately 1 million combinations
<b>Stop Button</b>	Combination STOP/address key cap to store configurations	<b>Standard</b>	Hand and Wrist Strap
<b>Transmission range</b>	Std. >100m (328ft); MFS:>30m/ 100ft	<b>Enclosure Material</b>	Reinforced Polymer housing, Sized for One-hand operation
<b>Frequency of Operation</b>	2.4GHz-MFS (w/o Feedback), 4xxMHz	<b>Dimensions</b>	H: 188mm (7.4") W: 83mm (3.3") D: 41mm (1.6")
<b>Battery Rating</b>	3.6V	<b>Storage temperature</b>	-40°C to +75°C
<b>Operating hours</b>	Up to 20hrs. Operation	<b>IP Rating</b>	Min IP65
<b>RF Output EIRP (50Ohm)</b>	Std. <10mW, MFS <10mW	<b>Relative Humidity</b>	95% IEC60068-2-75:2001
<b>Operating temperature</b>	-20°C to +70°C (-4°F to +158°F)	<b>Functional Safety</b>	EN60850-1
<b>Communication Mode Battery low voltage indicator</b>	Half Duplex LED	<b>Weight including battery</b>	Up to 400Gr (0.9lbs) Including Batteries
		<b>Push Button Lifetime Operating Voltage</b>	1 Million cycles 3.6V
<b>Communication indicator</b>	LED	<b>Battery</b>	3.6 V NiMH rechargeable battery

### 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.

Contact a Canadian Hetronic expert and learn more at [www.hetronic-canada.com](http://www.hetronic-canada.com)

