

ERGO 120

Standard Features:

- 2.4 Color TFT Backlit Display
- Response Time <100ms
- Supports Multi Frequencies
- H-Link Configurable
- 10 Configurable 1 or 2 Step Buttons
- 4 Single Step Side buttons
- Optional 2 proportional side buttons

Typical Applications:

- Overhead Cranes
- Hoists
- Winches
- Grinder / Shredders
- Mobile Hydraulic



ERGO 120 Specifications:			
Front Buttons	Ten; User Programmable	Operating Voltage	3.3 to 4.2V
Side Buttons	Four User Programmable (2 Can be Proportional)	Current Consumption (idle)	150mA for half duplex configuration
Functions on Front Buttons	Single/Two Step	Current Consumption (max.)	220mA
Start Button	One (1): any button; user programmable	Battery Type	Li-polymer
Power Button	One (1)	Battery Rating	3.6V 3000mAh
Stop Button	EN60204-1, ISO13850 compliant	Operating Hours	>10 hrs.
Transmission Type	Approximately 100m (328ft)	RF output EIRP (50 Ohm)	10mW max.
Telegram Type	Standard	Operating Temperature	-20° C to + 70° C (-4°F to +158°F)
Frequency Operation	4xxMHz, 8xxMHz, 2.4GHz	IP Rating	Min IP65
Communication Mode	Half duplex or Full Duplex	Relative Humidity	95% IE C60068-2 -75
Battery Low Voltage indicator	Red LED	Ozone/Weather resistant	IEC 60068-2-11
Communication indicator	Green LED	Chemical Resistance	ISO16750
Feedback	Color 2.4" TFT Backlit Display	Shock Resistant	IEC 60068-2-29
Logic	PC H-Link programmable	Vibration Resistant	IEC 60068-2-64
Start-Interlock	Standard	Functional Safety	EN60204-1
Function Interlock	User Programmable	Dimensions	H: 234mm (9.2") W: 107mm (4.2") D: 47mm (1.8")
Command Response Time	< 100ms	Enclosure Material	Reinforced Polyamide polymer with rubber over mold
Stop Function response time	< 100ms	LED Feedback	Up to 8 LED's available
Security	Over 1 million combinations	Cable Control	RS232
Weight, including battery	< 400Gr (0.88lbs.) includes Batteries		
Push Button Lifetime	Minimum 1M cycles		
Activation force first step	4N		
Activation force second step	8N		

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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