

Cattron™

MP96



HIGHLIGHTS

The MP96, with up to 48 inputs and 96 outputs provides a high degree of flexibility. Safety and dependability required for operating machinery in harsh, industrial environments is assured. The “MP” provides more power and configuration possibilities, to provide solutions for the most complex applications.

FEATURES

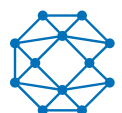
- Compatible with MK, paddle and toggle controllers
- Solid State, Proportional/Analog, and Electromechanical relay interfacing capabilities
- Up to 48 inputs and 96 outputs allow for complete customization
- Single or multiple operators may use a single RF frequency each with their own control function
- Long “ride through” time during power supply interruptions
- Responds instantly to operator commands
- Easy to read two-line plain english backlit system status display showing normal and fault conditions (no codes to look up)
- Data collection of externally monitored system inputs for preventative maintenance
- Accessible components allow for ease of maintenance
- Can be used with a variety of existing interfaced devices and a wide variety of AC/DC powered equipment
- Suitable for hydraulic, VFD, pneumatic, electrical, automated and semi-automated control system applications

SAFETY FEATURES

- Verification of output commands through external monitoring
- Two stage Automatic Safety Override (ASO) disables only the faulty portion of the machine control
- BCH error checking
- Simultaneous and independent data signal processing of all incoming controller commands
- Two separate outputs for mainline control
- Extensive EMI/RFI protection
- Maintain smooth control through brownouts and surges
- Complete diagnostics on power-up
- Individually fused and isolated outputs
- Separated mainline controls for each motor group
- Multiple watchdog timers ensure no motion is carried out without command (total of five: two hardware, three software for CPU, Mainline and Motor functions)

OPTIONS

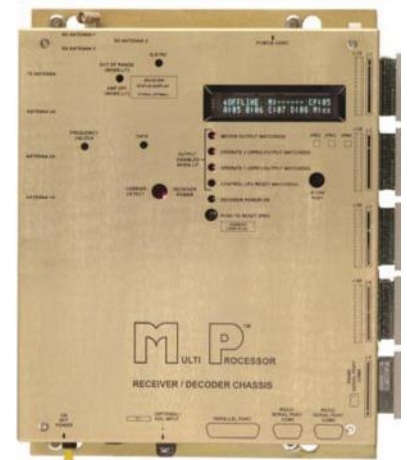
- Pitch&Catch, Range Limiting, Close Start™, TALKBACK®
- PC compatible diagnostic software
- Stepless output for smoother operation
- Customized installation, troubleshooting, and maintenance manual
- “Snapshot” datalog





TECHNICAL DATA AND SPECIFICATIONS

Outputs:	Up to 96, plus Mainline On/Off
Enclosure	NEMA 12 (IP65) standard dust, oil & water tight; NEMA 4 and 4X (IP66) optional
Environmental	Approx. -4°F to +140°F (-20°C to +60°C); RH 0 to 95%, non condensing; special temperature units available
Sub Chassis	Receiver/decoder and power supply each have their own (EMC) shielded compartment within the gold box. Entire easy change sub chassis mounts on inside door of enclosure; no relays in sub chassis
Control Voltage Range	12-250 VAC/VDC @ 5 amps (higher voltages with derated current); Stepless: 0-80V BiPolar Maximum
Power Requirements	32/48/110/220 VAC 50-60 Hz or 13.7 VDC +/- 10% @ less than 1 amp; Optional 12 to 250 VDC power supplies available
Receiver	(Synthesized): UHF
Datalog Memory Size	64K bytes
Optional Diagnostic Port	RS232C (DB25 Connector) or RS422 (MIA Connector)



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