

MP96RCL

Cattron®

TOP OF THE LINE LOCOMOTIVE REMOTE CONTROL SYSTEM FOR THROTTLE/BRAKE OPERATION

HIGHLIGHTS

- Multiple systems can operate on one frequency
 - System performs in-depth self-test on power up and constantly monitors key parameters during operation
 - Accessible components allow for ease of maintenance
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FEATURES

- Up to 48 inputs and 96 outputs allow for complete customization
 - Responds rapidly to operator commands
 - Individually fused and isolated outputs
 - Single-point status display shows normal and fault conditions
 - Throttle/brake control with Proportional Independent Brake Control and Monitoring
 - Wheel slip control
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OPTIONS

- Can be configured with different controller models
 - Digital Talkback™, true two-way digital communication between the Operator Control Unit (OCU) and the Locomotive Control Unit (LCU) through text display and function LED's on the OCU
 - Pitch & Catch
 - Proportional Train Brake Control and Monitoring
 - Remote Mounting Option for System Display increases flexibility of installation location
 - The MP96RCL has an integrated ability to store an internal Archive Record, configure system operating parameters and supports live monitoring of system IO. This is all capable through the Maintenance Terminal link - either through a direct connect serial connection, or through a 4G Wireless Modem connection. Options include required hardware and PC Applications.
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APPLICATIONS

Offering the safety and dependability required for operating in railroad environments, the MP96RCL enables one operator on the ground to effectively control switching operations and train movements. The system enables an important extra margin of safety by enabling the operator to input all commands out of harm's way while having greater visibility along the length of the train.

TECHNICAL DATA AND SPECIFICATIONS

Enclosure	NEMA 4 enclosure; dust, oil & watertight
Environmental	Approx. -4 to +140 °F (-20 to +60 °C), RH 0 to 95%, non-condensing
Control voltage range	32 VDC or 64 VDC fused @ 5 amps
Power requirements	32 VDC or 64 VDC @ less than 5 amps
Receiver frequency	UHF: 450 – 470 MHz VHF: 217 – 222 MHz for select OCU models
Internal archive record size	32 MB

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