Remote Control Panel

1 RU Panel provides full M&C capability for CMPAs, 750/1250 W TWTAs and most outdoor HPAs

Compact and Easy to Use
The CPI low profile remote controller is an indoor, rack-mountable panel that provides local control and monitoring for up to ten amplifiers (HPAs). Alternatively, it can provide full M&C of CPI 1:1 or 1:2 redundant and 1:1 power combined outdoor systems, when the associated HPAs are equipped with optional switch controllers. The amplifiers can be easily controlled and monitored by selecting the appropriate amplifier on the bright, fluorescent display and making any adjustment using the navigation keys on the front panel. User’s M&C system can be connected to either the controller’s RS-485/422 or RS-232 serial interface, or via Ethernet port.

Worldwide Support
Backed by over four decades of satellite communications experience, and CPI’s worldwide 24-hour customer support network that includes more than twenty regional factory service centers.

Model Number
01032300

Display Screen
- Redundant Switch System Status
- Redundant Switch System Control
- Amplifier Status
- Amplifier Menu
- Amplifier Meters
- Amplifier Settings
- Amplifier Event Log

System Indicators
M&C Remote Control
Local Panel Control

Amplifier Indicators
- Amplifier Remote Control Enable
- Transmit and Standby Fault
- RF Inhibit
- On-Line

Front Panel Controls
- Local/Remote Switch System Selector
- Amplifier Selector
- Transmit and Standby Fault Reset
- RF Inhibit
- Amplifier RF Power Level Menu Selector

Rear Panel Connections/ Controls
- AC Prime Power Input
- AC On/Off Switch
- RS-485 to Amplifier(s)
- RS-232/422/485 Digital Serial M&C Port
- 10Base-T Ethernet M&C Port
- RS-232 Diagnostics Port

Mechanical
- Size (H x W x D): 1.75 x 19 x 10 inches
- Weight: 5 lbs. (2.27 kg)

Electrical
- Input Power: 100 to 240 VAC ±10%; 50/60 Hz, less than 10 watts

Environmental
- Operating Temperature Range: -10°C to +50°C
- Non-Operating Temp. Range: -40°C to +70°C
- Relative Humidity: 95% non-condensing
- Altitude: 10,000 ft. with standard adiabatic derating of 2°C per 1,000 feet, operating; 40,000 ft. non-operating
- Shock and Vibration: As encountered in normal transportation

For more detailed information, please refer to the corresponding CPI technical description if one has been published, or contact CPI. Specifications may change without notice as a result of additional data or product refinement. Please contact CPI before using this information for system design.

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