Switch Control Panel

1 RU Panel provides full M&C and switch control capability for most CPI HPAs*

**Compact and Easy to Use**
The CPI low profile switch 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 1:1/1:2 redundant systems or 1:1 power combined systems along with the associated HPAs. In addition, if any of the four ports on the controller are not being used, they can be assigned to monitor the faults of alternative equipment, if said equipment can provide a closed/open contact relay. 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 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.

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Model Number
01032330-01**

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
Panel/CIF/Ethernet/Discrete
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
4x switch control
3x HPA control

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

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

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Notes:
*Please contact CPI to confirm amplifier compatibility
**This item comes without chassis slides. For a remote control unit with chassis slides, please order model 01032330-00.

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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.

MKT-141 Revision A dated AUG 2020