

CPI 1 RU Switch Control Panel

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.



CPI Model 1RU Switch Control Panel, P/N 01032330-01

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

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 $\pm 10\%$;
50/60 Hz, less than
10 watts

Environmental

- Operating Temperature
Range -10°C to $+50^{\circ}\text{C}$
- Non-Operating
Temp. Range
 -40°C to $+70^{\circ}\text{C}$
- 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

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.

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