

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°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

Notes:

*Please contact us 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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