

# CPI 1 RU Remote Control Panel

## Remote Control Panel

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



CPI Model 1RU, Remote Control Panel, P/N 01032300

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

#### Environmental

Operating Temperature  
Range  $-10^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$   
Non-Operating  
Temp. Range  
 $-40^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$   
Relative Humidity  
95% non-condensing  
Altitude  
10,000 ft. with  
standard adiabatic  
derating of  $2^{\circ}\text{C}$  per  
1,000 feet, operating.  
40,000 ft. non-operating  
Shock and Vibration  
As encountered in  
normal transportation



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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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