CPI 3RU Touch Panel Controller

Features
- Communicates with newer models via Ethernet, and with legacy amps via serial interface (RS-485). Supports SIM switch configuration software, controlling up to sixteen switches and ten amplifiers which have CAN-Bus architecture, or in other cases up to four switches and three amplifiers.
- Can be used as a switch monitor and manual override controller in systems where all HPAs are connected to a SIM switching system or legacy switch system.
- Provides upstream Ethernet interface for the connected legacy amplifiers:
  - Ethernet control only (BCIP or ACIP as supported by amplifier) or serial interface
  - Web interface available
- Able to provide remote control capability for multiple (SIM enabled) systems simultaneously

Local User Interface
- Same state-of-the-art interface as CPI's new T-Series indoor HPAs (without the RF sample port or front power switch)
- Touch-screen control panel
  - Display systems overview(s)
  - Display amplifier details
  - Control switch systems
  - Control amplifier(s)
  - Configure interfaces
  - Configure switch system
- USB Port
  - Download log of most (T-series) amplifiers to USB stick
  - Upload panel firmware from USB stick to any (T-series) amplifier
  - Download screen settings of remote controller's user interface
  - Upload screen settings of remote controller's user interface

OPTIONS:
- Second AC input
- Redundant power supply

REGULATORY:
- RoHS certified
- CE marked
- EMC per Directive 2014/30/EU

### Specification | CPI 3 RU Touch Panel Controller
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**Display Screens** | 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
**Touch Screen Controls** | Local/Remote, Switch System Selector, Switch Auto/Manual, Manual Switch Control 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 Serial M&C Port, 10Base-T Ethernet M&C Port
**Dimensions** | 5.25 x 19 x 10 inches max. (134 x 483 x 254 mm)
**Weight** | <15 lbs. (6.8 kg)
**Input Power** | 100 to 240 VAC ±10%, 50/60 Hz
**Power Consumption** | < 20 watts
**Ambient Temperature** | -10°C to +50°C operating; -40°C to +71°C non-operating
**Relative Humidity** | 95% non-condensing
**Shock and Vibration** | As encountered in normal transportation

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**System control page view of two separate redundancy systems**

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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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