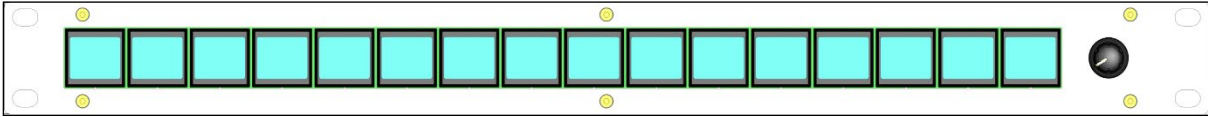# Cerebrum

CCP-1601B

16 LCD button Cerebrum Control Panel with 1 rotary button type B

A Cerebrum® product

Schematics

Front:

Back:

Features

The CCP-1601B panel provides a hardware panel control surface for a Cerebrum control and monitoring system. The panel is configured in the same way as the software interfaces in a Cerebrum system, using the Cerebrum Form Designer application. All devices connected to the Cerebrum server can be controlled or viewed from this physical surface. Due to the flexibility of the LCD button displays the panel can be configured to work with a limitless number of 'pages' which can be linked together to form a logical, quick and user friendly interface.

The unit is powered with an external AC-DC brick PSU unit. The rear of the unit has two lockable DC power inlets allowing for an optional redundant PSU in critical applications. The unit has an earth or grounding stud by the side of the DC inlets.

The unit uses its inbuilt 100Base-T Ethernet connector to connect to the Cerebrum server over either a local or wide area network. The unit can be configured to use either DHCP or manually assigned IP addresses. As with other Axon devices, when used in manual IP assignment mode, the IP address, sub-net mask and gateway can be assigned using the configuration mode of the panel.

- Relegenable buttons, assignable through Cerebrum/Cortex
- Redundant power supply possible
- 16 color buttons
- Rotary dial and press button
- 8 GPI inputs (Phoenix contacts)
- RS422/485 Port (future implementation) to provide for protocol conversion from Ethernet to RS422 and vice versa
- Fully programmable through Cerebrum/Cortex

Ordering information

- **CCP-1601B:** Cerebrum Control Panel with 16 buttons and 1 rotary, type B
- **CP-PSU type B:** Cerebrum Control Panel PSU, type B (please note that this is a different type of PSU than the PSUs which were used with the previous, none type-B CCP panels).

Specifications

Dimensions

Height	44 mm (1.73") (1RU)
Width (including front panel)	482.6 mm (19")
Depth (including front panel, buttons and connectors)	68.25 mm (2.69")
Width (excluding front panel)	448 mm (17.64")
Depth (excluding front panel, including connectors)	48.25 mm (1.90")

Power

AC PSU	100–240V AC - 1.2A, Frequency: 50/60 Hz
Panel input	12V DC - 2.0A

Miscellaneous

Weight	~0.95 kg
Operating Temperature	0º to 40º C environmental temperature (32º to 104º F)
Storage Temperature	-20º to 70 º environmental temperature (-4º to 158º F)