Cerebrum

CCP-4800B

48 button Cerebrum Control Panel

A Cerebrum® product

Panel Layout

Front:

Back:

Features

- 48 buttons
- 8 GPI inputs
- Ethernet communication
- Redundant power supply option
- 1RU, 60mm depth

The CCP4800B panel provides a hardware panel control surface for a Cerebrum control and monitoring system and can be configured to control any device connected to the Cerebrum system.

The controls can be configured into one or more sub-panels, each of which can use an unlimited number of linked 'pages' to form a flexible quick and logical user interface to the system.

Each of the 48 buttons can light up in 16-bit RGB colors to allow for easy differentiation of functionality, selection or state.

Eight GPI inputs are available and can be used for any function within Cerebrum but most commonly are used for selection of router sources when driven from Camera Operator Control Panel touchdowns.

The panel is configured using the Cerebrum Form Designer application in the same way as the software panels within the system.

The panel communicates with Cerebrum using a TCP/IP protocol over a local or wide area Ethernet network and can be configured to use either DHCP or a manually assigned IP addresses.
As with other Axon devices when used in manual IP assignment mode the address, sub-net mask and gateway can be assigned using the configuration mode of the panel.

The panel is powered with an external AC-DC brick PSU unit, which can be attached using the raised metalwork bridges on the rear of the panel. The panel has two lockable DC power inlets allowing for an optional redundant PSU in critical applications.

Ordering information

- **CCP-4800B:** Cerebrum Control Panel with 48 buttons, type B
- **CP-PSU TYBE 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	44mm (1.73") (1RU)
Width (including front panel)	484 mm (19")
Depth (including front panel and DC connector and housing)	90mm (3.54")
Width (excluding front panel)	450 mm (17.71")
Depth (excluding front panel, including DC connector and excluding housing)	65mm (2.55")

Power

AC PSU	100–240V AC – 1.0A – 0.5A, Frequency: 50/60 Hz
Panel input	12V DC - 4.0A

Miscellaneous

Weight	1.3 kg excluding AC PSU, 1.5kg including AC PSU
Operating Temperature	0º to 40º C environmental temperature (32º to 104º F)
Storage Temperature	-20º to 70 º environmental temperature (-4º to 158º F)