AXON®

CCP-8002B

80 LCD button Cerebrum Control Panel with 2 rotary dial buttons

CEREBRUM

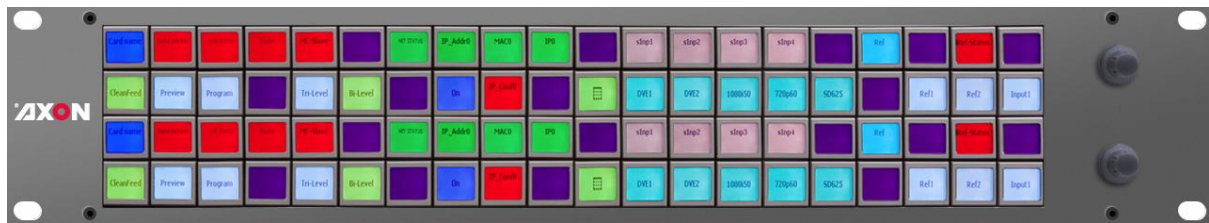## Panel Layout

Front:

Back:
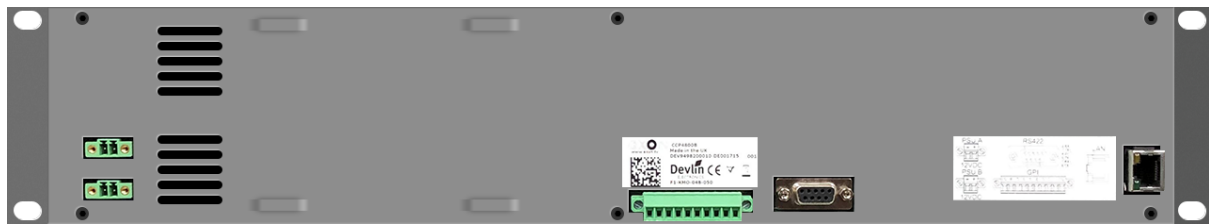
Features

- 80 flush-mounted LCD buttons, relegendable and assignable through Cerebrum
- 2 Rotary dial and press buttons, assignable through Cerebrum
- 8 GPI inputs (phoenix contacts)
- RS442/482 Port (future implementation) to provide for protocol conversion from Ethernet to RS422 and vice versa
- Ethernet communication
- Redundant power supply option
- 2RU, 60mm depth

The CCP8002B panel provides a hardware panel control surface for a Cerebrum control and monitoring system and can be configured to control or show the status of any device connected to the Cerebrum system. The panel is configured using the Cerebrum Designer application in the same way as the software panels within the 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 80 buttons has a 64x32 LCD matrix which can display up to three rows of multi-lingual text in a chosen font and/or a graphical icon. One of up to 64 different background colors and eight brightness levels can be selected 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 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.

The flush mounted LCD buttons and compact depth allows the panel to be horizontally mounted in a desk or console. The buttons are inserted into sockets allowing them to be changed in the field in the event of any accidental damage.

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-8002B:** Cerebrum Control Panel with 80 LCD buttons, 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	88mm (3.5") (2RU)
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 - 2.0A

Miscellaneous

Weight	2.5 kg excluding AC PSU, 2.8kg 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)