



Cerebrum

CCP-4801B

48 LCD button cerebrum control panel with 1 rotary dial button

A Cerebrum® product

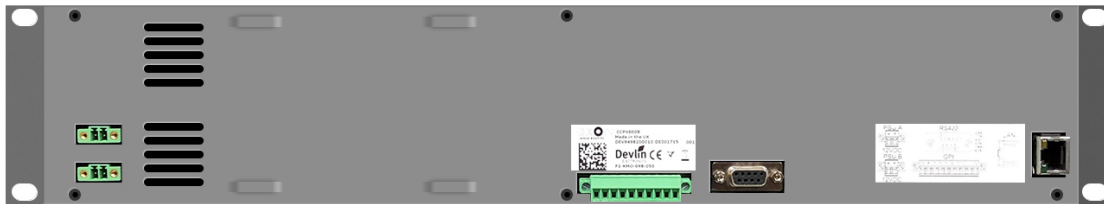
Due to constant product research and development all specifications are subject to change without notice. EVS does not warrant or assume any legal liability or responsibility for the accuracy, completeness, availability and/or delivery of the products and/or services listed in this datasheet. Copyright © 2021 EVS

Layout

Front:



Back:



Features

The panel provides a hardware panel control surface for a Cerebrum control system. The panel is configured in the same way as the software panels in the 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.

Each of the 48 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.

- 48 flush-mounted LCD buttons, relegendable and assignable through Cerebrum
- 1 Rotary dial and press buttons, assignable through Cerebrum
- 8 GPI inputs (phoenix contacts)
- RS442/482 Port to provide for protocol conversion from Ethernet to RS422 and vice versa
- Ethernet communication
- Redundant power supply option
- 2RU, 70mm depth

Ordering information

Module:

- **CCP-4801B:** Cerebrum Control Panel with 48 buttons and rotary

- **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 (3.46") (2RU)
Width (including front panel)	482.6 mm (19")
Depth (including front panel and DC connector and housing)	68.25mm (2.69")
Width (excluding front panel)	448 mm (17.64")
Depth (excluding front panel, including DC connector and excluding housing)	48.25mm (1.90")

Power

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

Miscellaneous

Weight	~1.6 kg excluding AC PSU, 2.8kg including AC PSU
Operating Temperature	0° to 40° C environmental temperature (32° to 104° F)
Storage Temperature	-20° to 70 ° environmental temperature (-4° to 158° F)