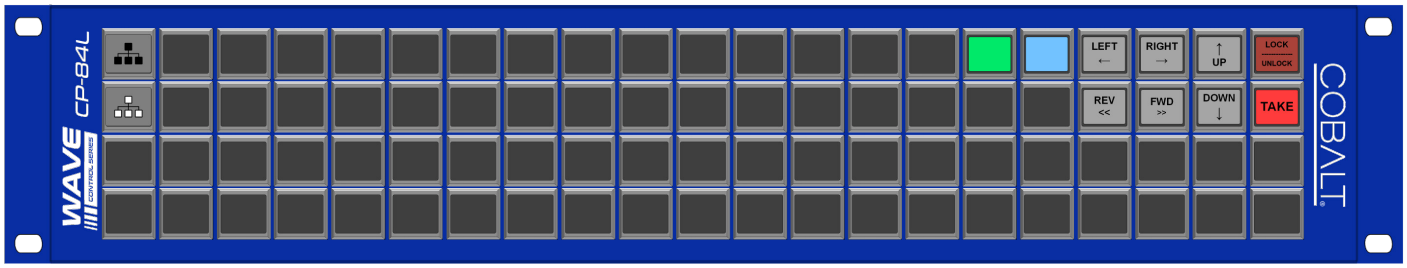
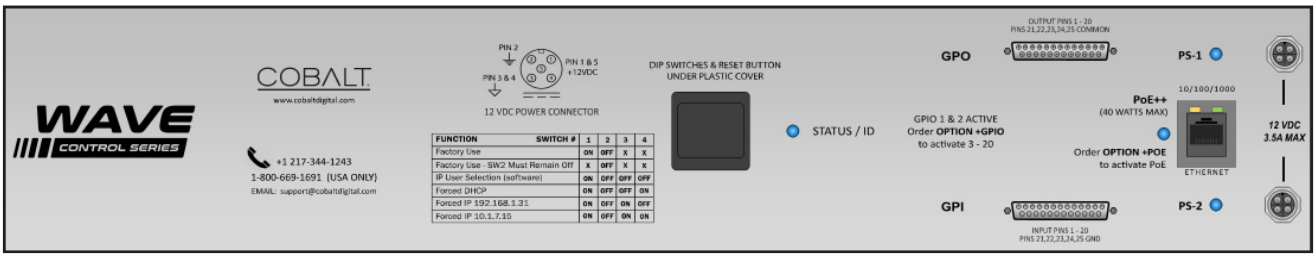
WAVE Control Series CP-84L • 2U FLEXABLE REMOTE CONTROL PANEL



Cobalt Digital Inc. introduces the **WAVE CONTROL SERIES CP-84L CONTROL PANEL** featuring 84 back-lit LCD buttons. All buttons are illuminated by Red, Green and Blue LED's providing a wide array of background colors to choose from. Each button has a monochrome LCD display for text and simple graphics. Factory presets provide a solid starting point from which to customize each button. The frame is 2U / 3.5 inches tall and is only 3.4 inches deep with removable rack mount "ears" for desktop use or other custom installations. All WAVE series of control panels offer unprecedented flexibility, ease of use & integration. Located on the rear of the unit is an Ethernet port for IP based communication. Add PoE++ capability with the **+PoE Option**. Built in SW-P-08 protocol comes standard as well 2 optically isolated General Purpose Outputs and 2 Inputs. Add 18 additional GP Inputs and 18 GP Outputs with the **+GPIO Option**. Dual DC power inputs provide for redundant operation. Add a second external DC supply with the **+PS Option**. The web-based browser control system includes button assignment, back-light color, LCD text/graphic setup. Assignment of salvo presets for WAVE router control. Panel & button locks, setup of the GP-I/O system and other important system management operations. The WAVE Control Series panels allow different panel setups to be stored and recalled from the browser to provide extremely flexible operations. Store and Recall complex configurations for unique operations. The CP-84L also offers different operating modes. Router destination oriented operations or select and take operations depending on your preference. API available to create custom user configurations. After setting up the configuration of the panel just as you need it, save and upload that configuration to a different panel of the same model for rapid set-up of other control panels on your network.



WAVE CONTROL SERIES CP-84L

FEATURES

84 R/G/B back-lit LCD display buttons	API available to create custom user interfaces
Compatible with Cobalt Digital WAVE Series Routers (And other brands with SW-P-08 communications protocol)	Redundant DC power connections Optional 2nd DC power supply **+PS Option**
Optically Isolated - 2 GPO (General Purpose Outputs) 2 GPI (General Purpose Inputs) Add 18 additional GP I/O with **+GPIO Option**	PoE++ with **+PoE Option** (Provides redundant power when used with an external DC supply)
Flexible control surface can be customized to control many different devices in the Cobalt Universe of products.	Quiet fan-less design **Five-year warranty**

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SPECIFICATIONS

84) R-G-B back-lit LCD display buttons. Individual displays are a monochrome 64 x 32 matrix	+PoE Option - Provides simplified installation & redundant power when used with an external DC supply
1) RJ-45, 10/100/1000 Ethernet Embedded web server for remote control	Aluminum chassis with removable rack mount “ears”
20) GP-I/O channels for custom interfaces	19 inch wide rack mount width - 3.5 inches tall (2U) 3.4 inches deep Weight: < 4 lbs.
2) External DC power connections for redundant operations	Operating Temperature: 0 - 40°c Humidity Range: Non-Condensing
1) AC adapter: 100-240 VAC, 50/60 Hz, universal input Power: 10-14 VDC regulated, Watts - TBD 1 power source required, 1 external PS included with purchase	*All specifications subject to change without notice

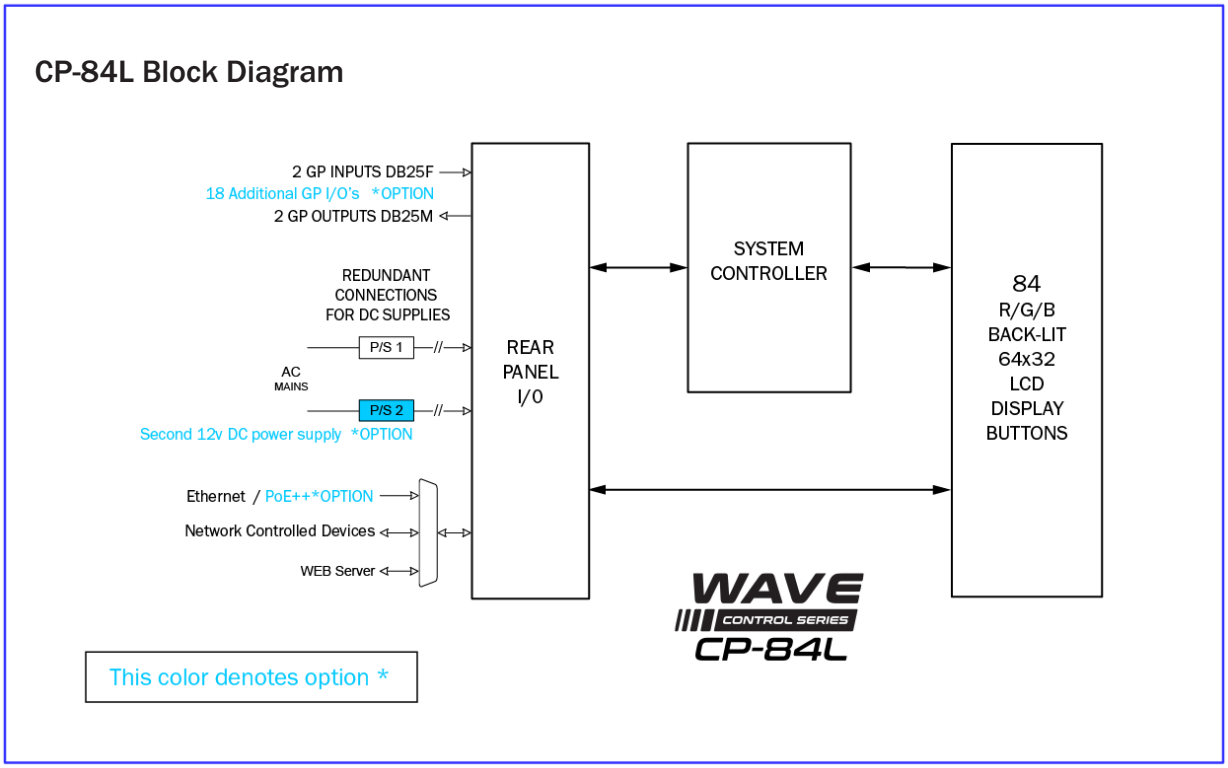
ORDERING INFORMATION

+PoE Option Adds power over Ethernet to the CP-84L control panel. (Software license)

+GPIO Option Add 18 additional GP I/O to the CP-84L control panel. (Software license)

+PS PS Option Second external DC power supply
1 external DC supply included with purchase

CP-84L Block Diagram



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