WAVE Control Series CP-44 ● 1U WAVE REMOTE CONTROL PANEL

Destination mode / Monochrome

Select and Take mode / Multicolor
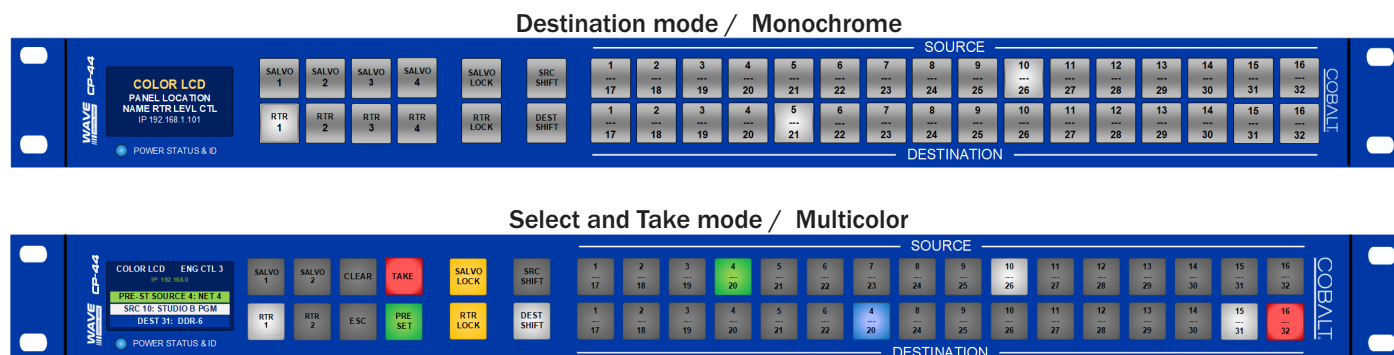
Cobalt Digital Inc. introduces the **WAVE CONTROL SERIES CP-44 CONTROL PANEL** featuring 44 back-lit buttons. All buttons are illuminated by Red, Green and Blue LED's providing a wide array of background colors to choose from. Factory presets provide a solid starting point from which to customize each button. A front panel color LCD display keeps you informed of the panel status. The frame is 1U / 1.75 inches tall and is only 3.4 inches deep with removable rack mount "ears" for desktop use or other custom installations. The 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 communications. 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 more GP Inputs and 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 colors, setup of salvo presets, 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. Recall complex configurations for various operations. The CP-44 also offers different operating modes. Destination oriented operations or select and take operations depending on your preference. Factory supplied labels are included for both modes of operation. Don't want to use the factory supplied labels? Download a label template from the Cobalt Digital CP-44 web site to assist in making your own labels. Print and cut custom labels to fit into the clear key-caps of each button. 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 and operating mode for rapid set-up of other control panels on your network.

FEATURES

44 R/G/B back-lit buttons with clear key caps Front panel LCD Status display	Ethernet with PoE++ with **+PoE Option**
Compatible with Cobalt Digital WAVE Series Routers (And other brands with SW-P-08 communications protocol)	Redundant DC power connections Optional 2nd external DC power supply **+PS Option**
Optically Isolated - 2 GPO and 2 GPI available on DB25 connectors * Add 18 additional GPI/O with **+GPIO Option**	Salvos can be saved and recalled to communicate with COBALT WAVE Series Routers.
19 inch wide rack mount. 1.75 inches tall (2U) 3.4 inches deep. Weight: 2 lbs. Quiet fan-less design	**Five-year warranty**

SPECIFICATIONS

Aluminum chassis	Dimensions: 19 inch wide rack mount. 1.75 inches tall (2U) 3.4 inches deep.
Removable rack mount ears	Weight: < 3 lbs.
PoE++ supply recommended to ensure stable operation	1) RJ-45, 10/100/1000 Ethernet Embedded web server for remote control
Power: 10-14 VDC regulated, 16W typ, 18W max TBD Power supply required, 1 PS included with purchase AC adapter: 100-240 VAC, 50/60 Hz, universal input	Operating Temperature: 0 - 40°c Humidity Range: Non-Condensing

+PoE Option Adds power over Ethernet to the CP-44 control panel. (Software license)

+GPIO Option Add 18 additional GPI/O operations to the CP-44 control panel. (Software license)

+PS Option Spare external 12v DC power supply

WAVE CONTROL SERIES CP-44

2 GP INPUTS DB25F
18 Additional GP I/O's *OPTION
2 GP OUTPUTS DB25M

REDUNDANT CONNECTIONS FOR DC SUPPLIES

P/S 1

AC MAINS

P/S 2
Second 12v DC power supply *OPTION

Ethernet / PoE++*OPTION
Network Controlled Devices
WEB Server

REAR PANEL I/0

SYSTEM CONTROLLER

44 R/G/B BACK-LIT BUTTONS w/ CLEAR KEY CAPS

LCD STATUS DISPLAY

This color denotes option *