CPX-1036

1RU Control Panel with Display and
36 Buttons

2024 Datasheet

The **CPX-1036** is a compact and configurable control panel compatible with most of Samim audio and video routers. Featuring 36 RGB illuminated pushbuttons alongside an OLED display, this control panel offers flexible functionality.

Each button is fully customizable, allowing for configuration of various functions such as selection of source, destination, and category, salvo action, or control operations, with the flexibility to assign desired colors. The **CPX-1036** operates solely based on its programmable settings, ensuring adaptability to diverse operational requirements.

Operating in three distinct modes, namely button per source (BPS), BPS with shift, and category, this panel caters to different workflow needs. In BPS mode, each button corresponds to a specific source or destination. To accommodate a large number of sources and destinations, a additional modes is available. The category mode allows users to organize sources and destinations into distinct categories, accessed via dedicated buttons functioning as a numeric keypad.

Regardless of the mode chosen, operators have the capability to execute predefined route configurations known as salvo actions. Configuration adjustments and management tasks are facilitated through a user-friendly web-based interface. This interface supports label assignment for sources and destinations, as well as the creation and restoration of backups, enhancing operational efficiency.

To ease control of bigger routers, each panel support up to three 40-button expansion panels. The **CPX-1036** with three expansion panels connected, features 156 buttons with full functionality.

Key Features

- 1RU rack-mountable case with shallow depth

- 36 RGB illuminated push buttons

- Buttons feature removable cap for label insertion

- Each key can be individually configured to function as a source, destination, salvo trigger, or control function with desired color

- Control functions include: Take, Undo, Panel lock, Destination lock, Cancel

- Compatible with Samim routers via TCP/IP connection
- Easy configuration through web-based user interface
- Three modes of operation: button per source (BPS), BPS with shift, and category
- Create backups and restore configurations via Web UI
- Name assignment capability per source and destination
- Display shows labels of selected source and destination
- Expandable with Samim expansion panels (Refer to CPE-1040 datasheet for more information)
- Power Redundancy (AC and DC inlets)

Ordering Information

Order Code	Description	Type
CPX-1036	1RU Control Panel with Display and 36 Buttons	Base

With over two decades of extensive experience in the broadcast and media industry, Samim Group has emerged as a rapidly growing manufacturer and developer of professional-grade hardware and software solutions that cater to Broadcast Production Infrastructure, Intercom Systems, and Media Business Automation. We remain attuned to the latest technological advancements, ensuring we deliver high-standard solutions and products that can be marketed globally.

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