



Control Panels

Overview:

A router is only as good as its control system.

A good control system is reliable, yet flexible enough to allow the switcher to be controlled in a variety of ways. A solid control system will allow the use of a large number of different control panels, as well as third-party controllers and automation systems. The Sierra Video control system gives you all of that, and more.

From simple push-button control panels to fully programmable panels customized to your individual installation, Sierra Video offers a panel for every application. Our TyLinX Pro and TyLinX Pro Net Router Control Software products offer intuitive programming and control security and customization. Our protocol is supported by nearly all of the third-party controller and automation.

The Sierra Video control system gives you the flexibility and control options you need, no matter what your application.

SCP Series Programmable Control Panels

The Future of Control

The SCP Series of control panels offer unlimited flexibility in design. Our line of programmable panels takes advantage of a powerful micro-processor built on a board capable of handling the largest routing switcher database any facility can imagine. This elegant design manages fast, error-free serial communication with the routing switcher and up to 99 Sierra Video control panels. Combined with a very cost effective I²C buss architecture, customers are offered a multitude of button configurations resulting in the most powerful user definable line of control panels the industry has to offer.

SCP Series panels are programmed using a free, easy to operate TyLinx Pro™ program. Our free TyLinx Pro software lets you choose your panel, select your functions and assign them to the buttons. Store these settings in memory or copy the configurations to multiple panels of the same type. Additionally, SCP Series panels can retrieve location names already programmed into your routing switcher facilitating quick, intuitive setup.

The SCP Series utilizes the popular industry standard VeeTronix brand LED buttons that are easily customized and labeled to your programmed settings. Our customers asked us for more powerful, flexible and custom defined control panels and the SCP Series is the answer.

Series Features include:

- Alpha/Numeric Labeling and Display
- Virtual or Physical status
- Programmable Buttons
- Label Utility
- Programming Software
- Category Routing
- Routing Switcher I/O Names
- Large LCD Displays (Most Models)
- Locks & Protects
- Passwords and Administration
- Program and Execute Salvos
- Paging and Scrolling
- Shift Keys
- Multiple Level Control
- A/V Breakaway
- Re-Legendable Backlit Buttons

SCP Series includes:

- **SCP-20** – Desktop keypad control panel
- **SCP-112** – Basic programmable LCD keypad control panel
- **SCP-132** – Push button with rotary control panel
- **SCP-150** – Push button control panel
- **SCP-224** – Advanced programmable LCD keypad control panel
- **SCP-240** – Multi-bus/ multi-level control panel
- **SCP-464** – Fully programmable 128 XY button control panel

SCW Series includes:

- **SCW-116** – Wall plate remote control panel

SCP-20, SCP-112 & SCP-132

Desktop, Basic Programmable LCD Keypad & Push Button with Rotary Control



SCP-20

Programmable desktop control panel

804020

Using the advanced SCP processor this mobile control panel allows for reliable switching from workstations and control rooms. This trim solution features alphanumeric naming, display and programmable buttons in a 8 x 4 inch chassis. The backlit LCD display offers easy to read system information including: input/output names, locks, protects, paging, scrolling, and multiple level control. The SCP-20 will execute salvos. The slender answer to confined tabletop spaces, the SCP-20 offers many of the SCP features in a non-rack mounted, compact control panel.



SCP-112

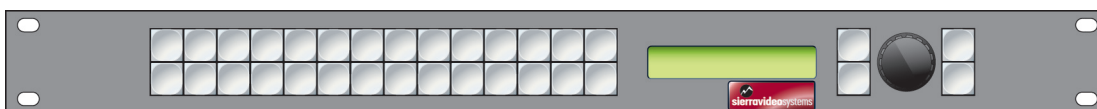
Basic programmable LCD keypad control panel

804112-00

The SCP-112 design has improved upon a Sierra Video Systems workhorse standard. Enhanced by re-designing its large LCD display and upgrading its software, this panel gives users more readability and functionality. We added programmable buttons, salvo execution, category routing, locks and protects, and alpha/numeric labeling to its feature set. Our most popular control panel is improved while remaining easy to use and extremely affordable.

- SCP-112 control panel, 220 VAC \pm 10%

804112-30



SCP-132

Push button with rotary control panel

804132-01

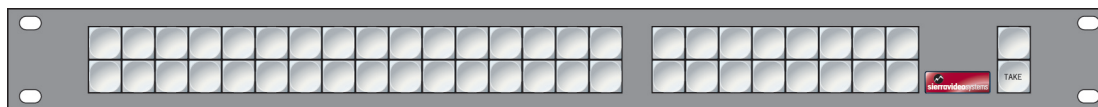
This programmable push button panel features a high quality rotary encoder for effortless scrolling through an LCD display of router status and information. Seamless selection of sources and destinations and other functions using the elegant rotary dial is this panel's forte. Every of the other 32 buttons are also programmable. The LCD readout and fluid feel of the rotary knob will make the SCP-132 an engineer's favorite. This control panel is fast, intuitive, and user-friendly plus a very good performance to price ratio.

- SCP-132 control panel, 220 VAC \pm 10%

804132-30

SCP-150, SCP-224 & SCP-240

Push Button, Advanced Programmable LCD Keypad & Multi-Level Control



SCP-150

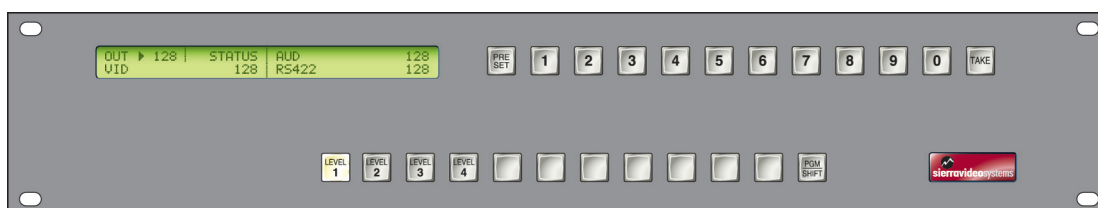
Push button control panel

804150-01

With 48 user-definable buttons, the SCP-150 is the most versatile of all our panels. The panel can work as an XY, single-bus or any combination of I/Os. Each button can be assigned using programming software to configure a custom set of sources or destinations for each button. Salvos, categories, and breakaway (level assign) are also programmable on the SCP-150. By combining two of these panels together, the operator can have single button access to 64 sources or destinations. A must in any truck or studio.

- SCP-150 control panel, 220 VAC \pm 10%

804150-30



SCP-224

Advanced programmable LCD keypad control panel

804224-00

The SCP-224 operates much like the SCP-112 with twelve additional buttons for more programming features. The twelve programmable buttons provide users more flexibility and functionality for programming specific actions or series of dynamic buttons like hotkeys, salvos, and single button takes. This panel can also be setup for One Button Take operation; perfect for a dub station; edit suite or any location in your facility.

- SCP-224 control panel, 220 VAC \pm 10%

804224-30



SCP-240

Multi-level control panel

804240-00

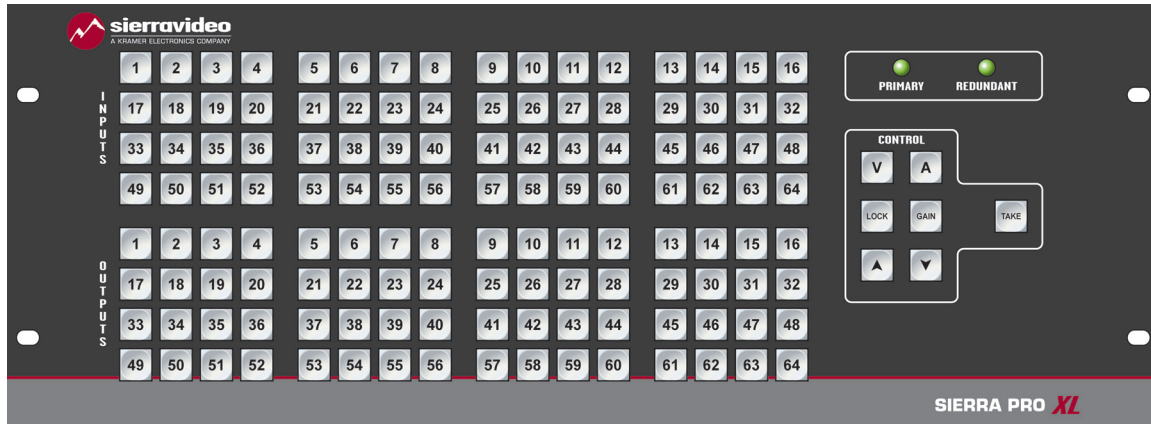
Designed to be an industry standard, the SCP-240 offers the best of flexibility and functionality. This multi-level control panel has up to eight levels of status and routing information displayed on a large 2x80 character LCD display. Programmable category buttons surround a 10-key array. A second "destination" LCD shows current output status along with a detailed message center for user feedback such as lock & protect warnings and salvo register selections.

- SCP-240 control panel, 220 VAC \pm 10%

804240-30

SCP-464

Fully programmable 128 XY button panel (4RU)



SCP-464

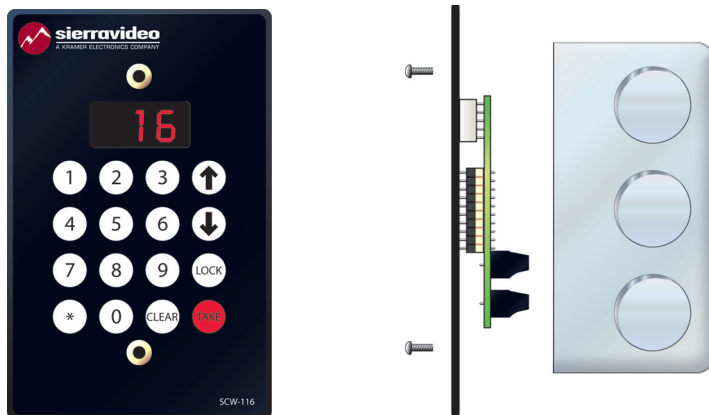
Fully programmable 128 XY button panel (4RU)

804464-00

Designed for maximum control configurations for routing switchers that can be 128x128. All 128 buttons are programmable using Sierra Video's own Tylinx Pro Router Control Software. The SCP-464 control panel allows for up to 128 sources or destinations, salvos or categories to be available for convenient switching.

SCW-116

Wall Plate Remote Control Panels



The SCW-116 remote control panel fits in a single gang electrical wall receptacle and allows any source video connected to a Sierra Video routing switcher to be routed to a pre-assigned output.

SCW-116

Wall Plate Remote Control Panel

804116-00

The SCW-116 Wall Plate Control Panel is ideal for command and control vehicles, classrooms and other installations where a simple, easy to use video selection option is needed. The membrane button panel operates simply by either entering your source number, or by using the UP/DOWN arrow buttons to get to the desired source. Using the AUTO TAKE mode, the router switches to each valid input selection automatically. In the PRESET mode, the red TAKE button can be used for preset selection prior to routing.

The panel is powered by a low voltage (9-12 VDC) source and connects to the Sierra Video routing switcher via our RS-485 network. The SCW-116 control panels may be daisy chained for ease of installation.

Standard Control Panels

16 Input Control Panels

Button Per Source Control Panels

Our standard control panels come in a variety of configurations. A general description of the types of panels available follows. Illustrations for the 16, 20, 32, 64 and 96 input variations of button per source control panels appear after the corresponding listing of each size routing switcher. For 8 or 12 input control panels, please contact Sierra Video for customizable panels or use 16 input variations.

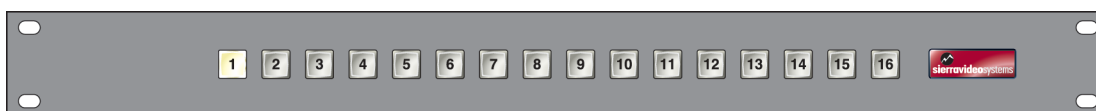
Single Bus (Button Per Source)

Assignable to one output and any combination of levels (as with all button per input control panels), the single operation of pressing a switch selects the desired input.

XY

These panels feature two groups of switches: first press an OUT button to enable the desired output, then use the row of IN switches, the same as you would with a single bus control panel

16 Input Control Panels

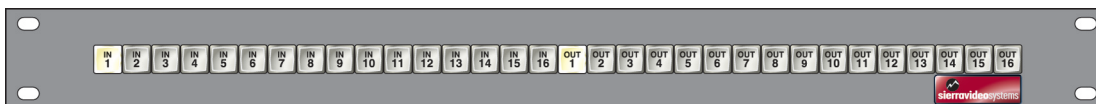


16 x 1 Single bus LED remote control panel

804047

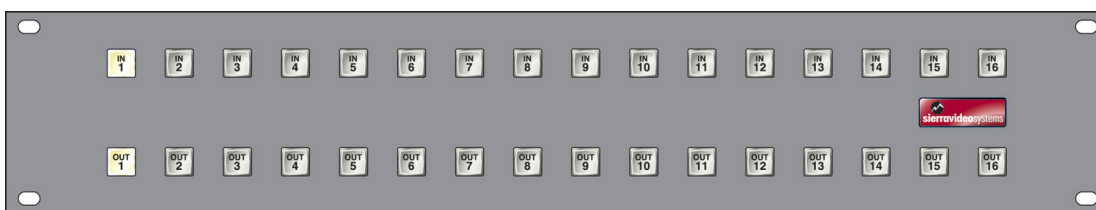
- 16 x 1 Single bus LED remote control panel with joystick/chop

804647



16 x 16 XY LED remote control panel

804048



16 x 16 2RU XY LED remote control panel

804148



Standard Control Panels

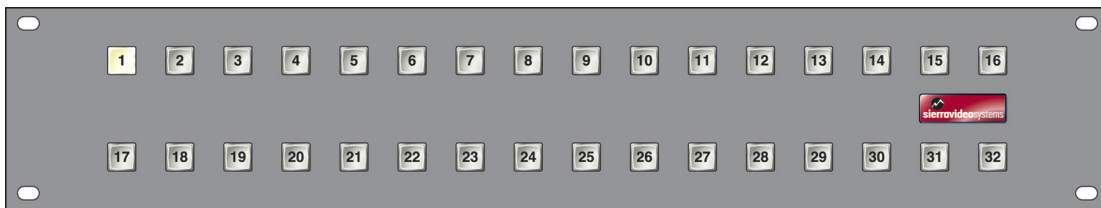
32 Input & 48 Input Control Panels

32 Input Control Panels



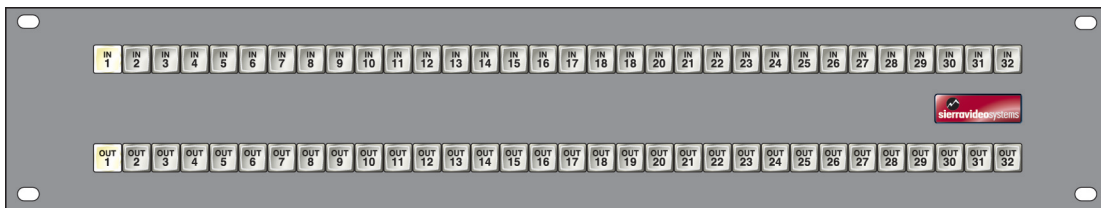
32 x 1 Single bus LED remote control panel

804014



32 x 1 2RU single bus LED remote control panel

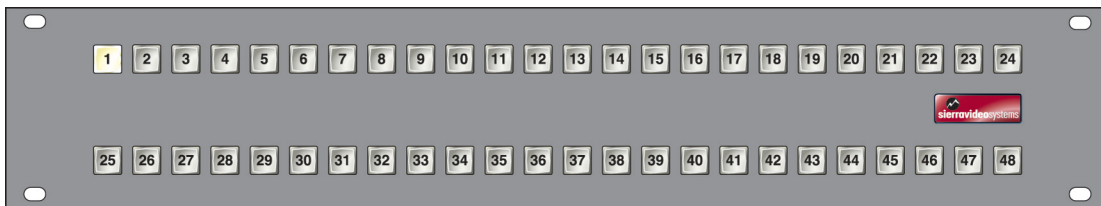
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32 x 32 XY LED remote control panel

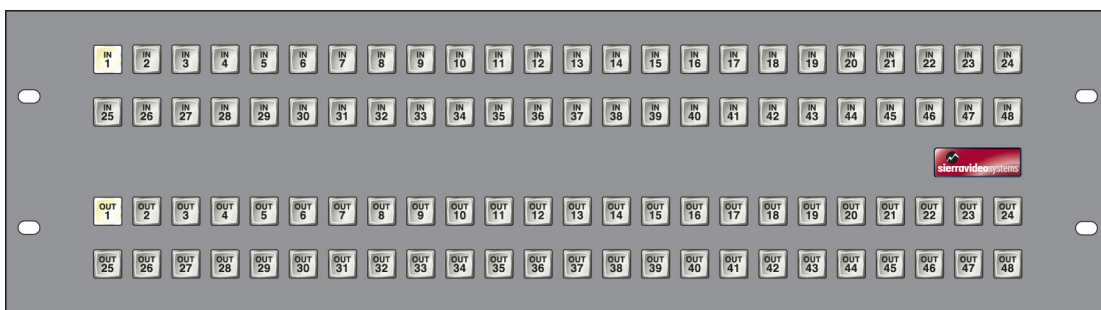
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48 Input Control Panels



48 x 1 2RU single bus LED remote control panel

804084



48 x 48 3RU XY LED remote control panel

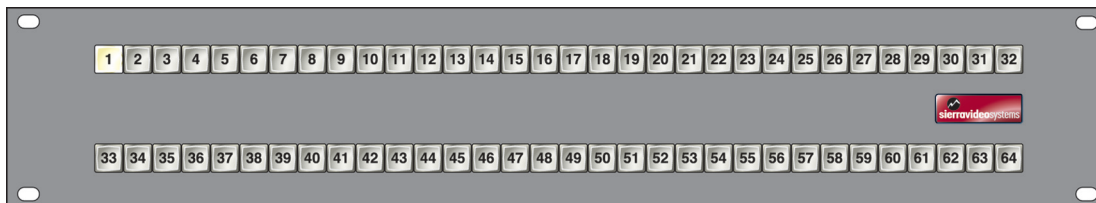
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Standard Control Panels

64 Input & 96 Input Control Panels

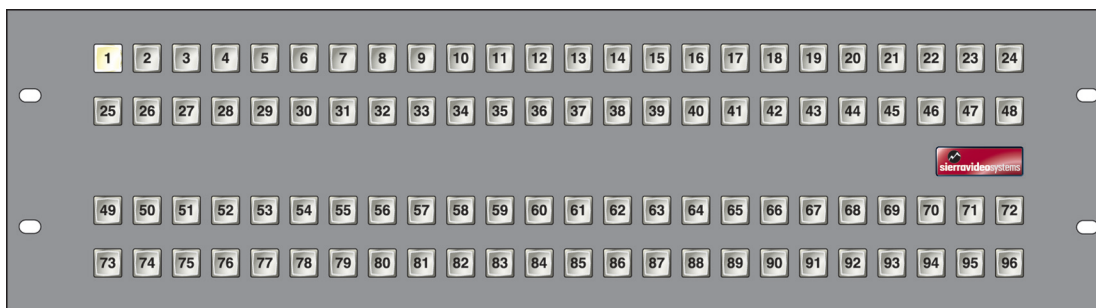
64 Input Control Panels



64 x 1 Single bus LED remote control panel

804715

96 Input Control Panels



96 x 1 Single bus LED remote control

804785