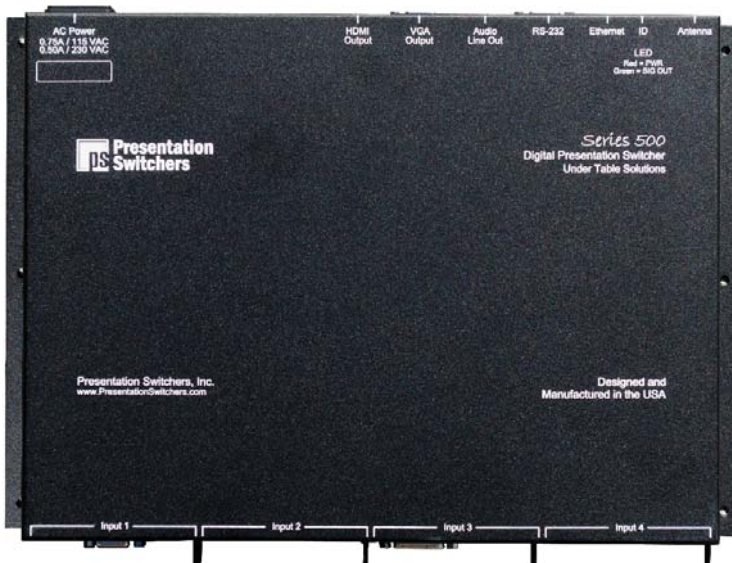


Series 500

PS510 DATA SHEET

MODULAR DIGITAL "UNDER TABLE" PRESENTATION SWITCHER

The PS510 is a 4 X 1 X 2 modular digital under-table presentation switcher. Often referred to as a "collaborative switcher", this device accepts any combination of HDMI, DVI-D, DisplayPort, VGA, Composite, Component, and S-Video input boards and will output on simultaneous HDMI and VGA connectors at resolutions up to 1920 X 1200. Stereo or mono-summed audio is provided on a balanced line-level pre-amp or fixed level detachable connector.



PS510 Bottom View

FEATURES

MODULAR The PS510 digital switcher is a modular card-based system that supports up to 4 digital or analog devices with one output signal provided on independently buffered HDMI and VGA connectors. Each modular input board is independent of all other cards in the system.

SCALING Lower resolution images, such as composite and S-video, are automatically scaled up and converted from analog to digital. Associated audio channels are digitized and added to the HDMI output stream.

EDID Display resolution information is provided by an unobstructed device passthru mode or by using a table lookup method.

AUTO-SWITCH When a video signal is recognized the system automatically selects the input and sends the image to the display device.

LINE LEVEL OUTPUT For video conference feeds and time when an audio mixer might be required, the PS510 provides a balanced pre-amp line level output with adjustable trim.

HDCP Content encryption is supported using a virtual pass through mode to the HDMI connector. Regulation requires the VGA connector to be disabled in this mode.

DISPLAY CONTROL The PS510 will automatically power on the display device if a laptop, computer, or new video signal is recognized. Similarly, when all signals are disconnected the PS510 will shutdown the display device.

3RD PARTY CONTROL SYSTEMS Drivers are available for most major control manufacturers, such as AMX and Crestron.



PS510 Under Table View



COMMON APPLICATIONS

The PS510 is ideally suited for small conference rooms, classrooms, and collaborative workspaces.

SHORT CABLE RUNS

Hidden under the table and out of sight, the PS510 solution allows for short cable runs from connection points to the switcher and a single cable from the switcher to the monitor translates into a simple and effective workspace presentation tool.

Series 500

PS510 DATA SHEET

TECHNICAL DATA

DIMENSIONS (HWD)

4.45 x 36.5 x 26.7 cm, (1 3/4" x 14 3/8" x 10 1/2")
Rack Units: 1

WEIGHT

2.27 kg, (5.0 lbs), fully populated

POWER

0.75A/115VAC / 0.50A/230VAC
IEC-320 Connector w/Switch

ENCLOSURE

Metal with black matte finish

VIDEO OUTPUT

- HDMI Output: 1 HDMI Type A, female 6.75 Gbps (2.25 Gbps per color), 225 MHz HDMI V1.3, EIA/CEA-861D HDTV 480p - 1080p @ 60Hz, 720p/1080i @120 Hz PC Resolutions to WUXGA (1920 X1200)
- RGBHV Output: 1 HD15, female PC Resolutions to WUXGA (1920 X 1200) Crosstalk: -63dB @ 1 MHz 0.7Vp-p Nom, 75 Ohm

AUDIO OUTPUT

- Line Level Output: 1 5-Pin 0.15" Captive Screw Term Block, Balanced Impedance: 50 Ohm unbal, 100 Ohm balanced Voltage: 2Vp-p

CONTROL PORTS

- Ethernet: Shielded RJ45 Female
Data Rate: 10 MBit
Indicators: 1 Link, 1 Activity
- RS-232: DB-9 Female
Data Rate: 9600, 19200, 57600, 115200
Indicators: 1 Link, 1 Activity

CONTROL METHODS

- 3RD Party Control Systems: AMX, Crestron, etc.
- PC Control: Terminal Emulation, RS-232 Commands
- Ethernet TCP/IP: Telnet, TCP/IP Session/Socket
- Auto-Switch: Automatically switch on active signals.
- Display Control: System sends out RS-232 commands to display to power on or off when signal is present or all signals are disconnected.

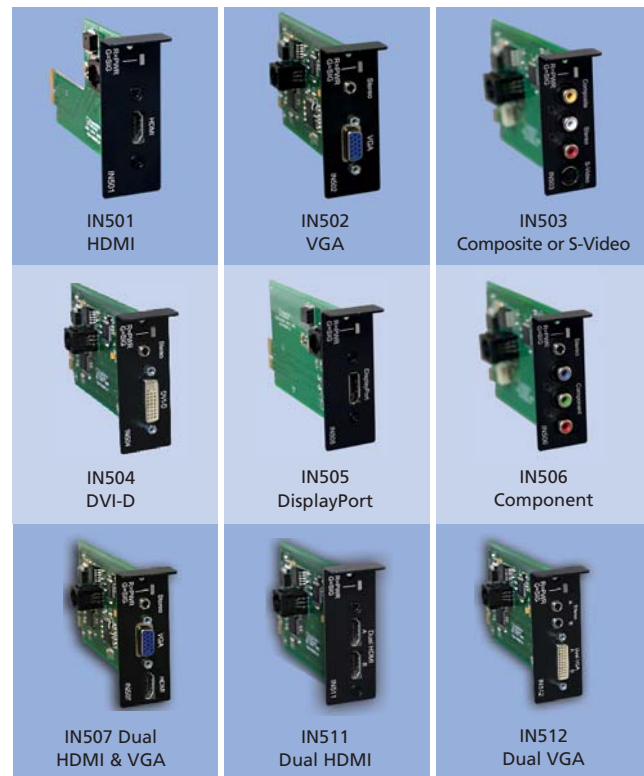
WARRANTY

- 3 Years, Parts & Factory Labor

OPTIONAL INPUT BOARDS

- 4 Modular Input Slots
- Any combination of Input Boards
- Hot swappable
- Red LED = Power, Green LED = Signal Present

(See Individual Data Sheets for Details)



CERTIFICATIONS

- CE, RoHS

ENVIRONMENTAL

- Storage Temperature: -25° C to 75° C (-13° F to 167° F)
Humidity: 10% to 90%, non-condensing
- Operating Temperature: 0° C to 50° C (32° F to 122° F)
Humidity: 10% to 90%, non-condensing

Note: All nominal levels are at +/-10%. Specifications are subject to change without notice.

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 **Presentation
Switchers**