

Bundled Solution PXE-KIT5100

3-HDMI, 1-VGA, AND 1-USB-C AUTO-SWITCHER WITH INTEGRATED SP CONTROLS WALL-MOUNTED PIXIE-PLUS CONTROL INTERFACE

Designed specifically to enable users to sit down, plug in and get right to their meeting. Ideally suited for collaborative huddle spaces, conference rooms, classrooms, the PXE-KIT5100 combines a powerful multi-format switcher with an elegant, yet simple button interface with **direct connect** cabling. The PXE-KIT5100 is already configured to work out of the box, simplifying the installation and the user experience.

Using the PXE-KIT5100 system with a CEC control compatible flat screen display means you only have a single cable from the controller to the switcher and from the switcher to the display for control. Video inputs will still require cabling from your source devices to the switcher's inputs which include VGA, USB 3 type C and 3 HDMI inputs.

The switcher's small form factor allows you to place it behind the display, on a surface or under a table, making this is as quick as mounting the controller, pulling the wires, powering the switcher, and walking away!



DATA SHEET

COMMON APPLICATIONS

The PXE-KIT5100 is a pre-configured audio-visual multimedia system designed for Huddle spaces, conference rooms, and classrooms. Easily connect a smart phone, tablet, Chromebook using a USB 3 type C cable, or laptop using VGA or HDMI cables. Users will enjoy an automated presentation system which turns on the display, switches to connected inputs, controls volume and shuts down the display when the presentation is finished. Administrators enjoy the trouble-free user experience, simplified installation and affordable low price.

FEATURES

COMPLETE SYSTEM The PXE-KIT5100 is a complete control and switching system including a PixiePlus controller and HDMI, VGA, and USB 3 type C switcher designed for use with a single HDMI flat panel or projector display. The controller and switcher ship pre-programmed with a single pre-terminated RS232 **Direct Connect** cable that connect the two units. Additionally, the PixiePlus is powered by the switcher using the same RS232 cable for a simple single AC power connection solution.

USB TYPE C Today's meeting/teaching spaces frequently use the USB 3 Type C connector for Chromebooks, tablets and phones, for video content. The switcher routes the high-resolution image from the USB-C connected device to the display while simultaneously providing up to 30 watts of power for quick charging.

USB TYPE C The system supports HDTV and VESA resolutions - including 4K@30 and 1080p@60.

STEREO AUDIO PRE-AMP Stereo audio is extracted from a selected source including HDMI de-embedding and is available through common RCA type connectors. Using the PixiePlus volume control buttons, volume can be adjusted up and down as needed. Typically, local powered speakers are connected at this location.

PROXIMITY SENSOR A passive infrared proximity sensor and pre-terminated cable ships with each system. This sensor detects when everyone has left the conference room and shuts down the display after a predetermined period of time extending display life and saving power.

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TECHNICAL DATA

SP-SW5100-VHUD

HDMI INPUT	
Format	HDMI Input: (3) HDMI Type A, female
	HDMI: V1.4b, EIA/CEA-861F HDCP: V1.4 3 GHz Video Support, 300 MHz Max Clock Frequency
	Resolutions HDTV
	Resolutions PC/VESA
Resolutions HDTV	480i to 3840x2160@30Hz (4K/2K) HDTV Resolutions
Resolutions PC/VESA	640x350@85Hz to 1920x1200@60Hz PC/VESA Resolutions
VGA INPUT	
Format	1 HD15, RGBHV, 15-pin, female Signal: 0.5-1.5 Vp-p / 75 Ohm Impedance
Resolutions HDTV	480p@59.94/60Hz to 1080p@50/59.94/60Hz HDTV Resolutions
Resolutions PC/VESA	800x600@60Hz to 1920x1200@60Hz
Video OUTPUT HDMI Type A, female	
CONTROL PORTS	Ethernet – RJ-45 Female
	RS-232 – DB-9 Female
	Infra-Red – 3.5mm TRS Female
	USB – Type B Mini

PIXIE PLUS

Package Type	Single-Gang Decora™ Mounting
Dimensions	4.130"(h) x 1.745"(w) x .90"(d)
Weight (PCB w/ bezel 3 modules)	2.5 oz
Output Type	Direct Connect RS232
Recommended Cable	18- to 22- Gauge 3-conductor wire
Warranty	5 year, Parts & Factory Labor

AmpLINC Hub / AmpLINC Pucks

Audio Input - HUB	3.5mm Stereo, Dual RCA
Audio Out – HUB	Four (4) RJ-45
Audio In – Puck	One (1) RJ-45
Audio Out – Hub	Bare Wire
Maximum Output - both	20Hz - 20kHz
Output per node	10W @ 8Ω (max)

SP-SW5100-VHUD

USB-C Input - 1 - USB Type C, female	Format: USB Type C Alt-Mode DisplayPort up to 4K@30
Resolutions	Same as HDMI on left
AUDIO OUTPUT	(2) RCA 50 Ohm Unbalanced
CERTIFICATIONS	CE, RoHS
WARRANTY	3 Year, Parts & Factory Labor

APPLICATION DIAGRAM

