Bundled Solution PXE-KIT5200

DATA SHEET

3 HDMI, 1 VGA, & 1 USB TYPE C Inputs AUTO-SWITCHER WITH INTEGRATED SP CONTROLS WALL-MOUNTED PIXIEPLUS

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-KIT5200 combines a powerful multi-format dual output switcher with an elegant, yet simple button interface with direct connect cabling. The PXE-KIT5200 is already configured to work out of the box, simplifying the installation and the user experience.

Using the PXE-KIT5200 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. Please call us when using with a projector or other controllable devices, as additional emitters and custom configuration will be needed. 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!

COMMON APPLICATIONS

The PXE-KIT5200 is a pre-configured audio-visual multimedia system designed for Huddle spaces, conference rooms, and classrooms with CEC controlled displays. 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-KIT5200 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 one or two HDMI CEC controlled flat panels or CEC controlled projector displays. 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.

SIMULTANEOUS HMDI and HDBaseT OUTPUT In today's classrooms and presentation spaces integrators are using smart podiums to help presenters. In these cases, a local display is used at the podium so the user can see what is appearing behind them on the projected display. The PXE-KIT5200 offers an output for the local monitor in addition to an HDBaseT feed that is sent to the projector.

HDBaseT POE & RS232   The PXE-KIT5200 provides an HDBaseT port for the transmission of 4K uncompressed audio and video to the projector. This product also offers PoE (PSE) power down the same cable to power the HDBaseT receiver. This means that a receiver can be mounted next to the project without the need of an additional power connection.

4K2K 1080p is no longer the highest resolution standard for consumer products. 4K2K (3840x2160) or "Ultra HDTV" is quickly becoming the new standard, especially in larger flat panel display systems. The PXE-KIT5200 supports a wide array of HDTV and PC/VESA resolutions - including the new 4K2K standard.

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 extending display life and saving power.

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TECHNICAL DATA

SP-SW5200-VUHBT

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	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 – HDBaseT – RJ45
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)

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