THE ACTIVE WALL PLATE SOLUTION

A SMART SOLUTION FOR THE CLASSROOM!

The WP-500 and WP-501 Active Wall Plates provide an all-you-need solution for managing the modern classroom. The switchers are extremely easy to install on either a wall or a table and are simply operated by push buttons on the units' front panel. The user can easily select between two VGA + audio and one CV + audio sources to be presented in the room. The units also automatically switch the display device to the required input (VGA or CV) by sending the appropriate control commands via their RS-232 and IR ports. With additional accessories (as listed in the back), the WP-500 and WP-501 Active Wall Plates provide an excellent and cost effective all-in-one room solution.

The great advantage of the WP-500 and WP-501 switchers is that they are compatible with Kramer's Site-CTRL™ management tool. This powerful software offers a clear, single-page view for remote room control and management for any K-12 school, training center or other educational facility. With this tool, you can actively monitor all classrooms from one central source for significant savings on time and resources.

The WP-500 and WP-501 units support EDID for the VGA channels to create a Plug and Play environment for all displays. The units feature mixing between the source audio and a MIC (if installed). Two easy-to-use knobs adjust the volume and the mix ratio between the MIC and the source audio.

The WP-500 and WP-501 are compatible with any speaker from Kramer's line of power amplifiers and speakers. One can also choose not to include an external amplifier and speakers and use only the built-in speakers of the existing display device.

WP-500 and WP-501 Active Wall Plate Solution

The WP-500 is a unique all-in-one AV solution for classrooms, training rooms and similar simple AV installations. All input channels (2xVGA+audio, 1xCV+audio, 1xMIC) are located on its front panel, making it especially suitable for classes with moveable sources. The VGA, CV and audio outputs, with the IR and RS-232 control ports are located on the back panel.

WP-501 is very similar to the WP-500, but has one of its VGA + audio and its CV + audio IN channels on terminal block connectors, located on its back panel, making it a perfect solution for rooms where one PC and the video source are stationary. The WP-501 unit also supports two relays that enable control over a motorized screen, for example.

WP-500/WP-501 Installation Diagram

The WP-500 and WP-501 share the same installation method, with the difference being that the WP-501 has PC2 + Audio and the DVD + Audio IN channels on its back panel, making it a perfect choice for rooms with stationary sources. The WP-501 also has two additional relays that can control a motorized screen or automatic window shades, for example. Both units switch the selected input source to the display device, switch the display device to the appropriate input channel (VGA or CV) and handle audio in the room.

WP-500 and WP-501 Active Wall Plate Solution – Recommended Accessories

INSTALLATION ACCESSORIES

K-POD301
Podium Table Bus

The K-POD301 is a high-quality metal connection box for boardrooms and conference rooms, especially designed for mounting any 3 gang US Kramer wall plate device, making it a perfect solution for mounting the WP-500 or WP-501 on either a podium or a table.

OWB-3G
On the Wall Box

The OWB-3G is a plastic box for installing 3 gang US-size wall plates. The box is mounted on the wall for applications where an in-wall installation is not possible. Its spacious size makes it a perfect installation companion for the WP-500 and WP-501 units.

C-MHWP500
Multi-Head WP-500 Installation Cable

Kramer's C-MHWP500 is a cost-effective cable assembly designed for use with the WP-500 and WP-501 Wall Plates. This multipurpose cable bundles cables for computer graphics video, composite video, stereo audio, RS-232 and IR signals in a single jacket, making it easy to route all the required cables from the WP-500 or WP-501 to the display device. The C-MHWP500 is constructed of several connectors at one end and bare wire at the other end and comes in two different lengths: 10.7 or 15.2m (35 or 50ft).

AUDIO ACCESSORIES

900N
Stereo Audio Power Amplifier

The 900N is a high-performance power amplifier for balanced or unbalanced stereo audio signals. Either input can deliver a speaker output of 8.4 watts RMS power per channel into a 4Ω load. Together with the WP-501 or WP-501, the 900N can drive any of Kramer's wall or ceiling speakers.

SPK-WA511
30W RMS Powered On-Wall Speaker System

The SPK-WA-511 is a powered two-way speaker system designed for indoor wall mounting. The system accepts a line level stereo input, amplifies it using a built-in amplifier and outputs a speaker signal to the passive speaker. When using the SPK-WA-511 with the WP-500 or WP-501 there is no need for an additional audio power amplifier.

More Educational Products from Kramer

Signal Routing – Kramer's full range of distribution amplifiers, switchers and range extenders for all analog and digital video formats, makes it easy to route signals in any educational setting; from a small training room to a large auditorium.

PT-571/PT-572
HDMI over Twisted Pair Transmitter and Receiver

VP-32K
3x1:2 Computer Graphics Video & Stereo Audio Switcher

VP-23C
10-Input Multi-Format Presentation Switcher with Stereo Audio

Room Control – Easy to configure, easy to install and easy to use. These design guidelines make Kramer's room control products stand out from the rest. With reliable and robust push buttons and a variety of control ports, the room controllers turn even the novice user into an AV expert.

SummitView System
Complete Solution for Simplified AV Signal Distribution & Media/Room Control

RC-8IR
8-Button Universal Room Controller

SL-1
Master Room Controller

Scaling – Kramer's renowned range of TOOL-sized scalers and presentation switching scalers eliminates problems caused by multiple video formats. They ensure trouble-free switching and professional looking transitions, regardless of the video source formats switched.

VP-409
Video to Computer Graphics Video ProScale™ Digital Scaler

VP-437XL
7-Input Analog & HDMI ProScale™ Presentation Digital Scaler/ Switcher with Ethernet Control

VP-729
9-Input ProScale™ Presentation Scaler/Switcher with Ethernet Control

Audio – Kramer's audio amplifiers and speakers offer a combination of sound quality features and reliability that is hard to miss. The voice of the presenter or teacher reaches all the students, even those in the back of the room.

900xl
Stereo Audio Power Amplifier (10 Watts per Channel)

SPK-C412
Two-way Ceiling Speakers with 4-Inch Metal Back Can & Transformer (8Ω)

SPK-C800-EDU
Complete K-overage ESD™ (Equal Sound Dispersion) Ceiling Speakers

WP-500 and WP-501 Product Specifications

	WP-500	WP-501
INPUTS:	1 composite video (1Vpp/75Ω) on an RCA connector, 2 computer graphics video on 15-pin HD connectors, 2 unbalanced stereo audio on 3.5mm mini jacks, 1 unbalanced stereo audio on 2 RCA connectors, 1 condenser/dynamic microphone on a 3.5mm mini jack; all input connectors on the front panel.	1 computer graphics video on a 15-pin HD connector (front), 1 unbalanced stereo audio on a 3.5mm mini jack (front), 1 condenser/dynamic microphone on a 3.5mm mini jack (front), 1 composite video (1Vpp/75Ω) on a 2-pin terminal block connector (back), 2 unbalanced stereo audio on 3-pin terminal block connectors (back).
OUTPUTS:	1 composite video on a 2-pin terminal block connector, 2 unbalanced stereo audio on a 3-pin terminal block connector, 1 computer graphics video on a 10-pin terminal block connector.	1 composite video on a 2-pin terminal block connector, 2 unbalanced stereo audio on a 3-pin terminal block connector, 1 computer graphics video on a 10-pin terminal block connector.
PORTS:	Ethernet, 1 IR out on terminal block connectors, 1 RS-232 on terminal block connectors, 1 USB connector.	Ethernet, 1 IR out on terminal block connectors, 1 RS-232 on terminal block connectors, 1 USB connector.
SUPPORTED RS-232 BAUD RATES:	Up to 115200.	Up to 115200.
SUPPORTED RESOLUTIONS:	640x480px60Hz (IBM VGA), 640x480px67Hz (Apple Mac II), 640x480px72Hz (VESA), 640x480px75Hz (VESA), 800x600px56Hz (VESA), 800x 600px60Hz (VESA), 800x600px72Hz (VESA), 800x600px75Hz (VESA), 1024x768px60Hz (VESA), 1024x768px70Hz (VESA), 1024x768px75Hz (VESA), 1280x1024px75Hz (VESA), 1280x1024px60Hz (VESA STD), 1280x960px60Hz (VESA STD), 1400x1050px60Hz (VESA STD), 1440x900px60Hz (VESA STD), 1600x1200px60Hz (VESA STD).	640x480px60Hz (IBM VGA), 640x480px67Hz (Apple Mac II), 640x480px72Hz (VESA), 640x480px75Hz (VESA), 800x600px56Hz (VESA), 800x 600px60Hz (VESA), 800x600px72Hz (VESA), 800x600px75Hz (VESA), 1024x768px60Hz (VESA), 1024x768px70Hz (VESA), 1024x768px75Hz (VESA), 1280x1024px75Hz (VESA), 1280x1024px60Hz (VESA STD), 1280x960px60Hz (VESA STD), 1400x1050px60Hz (VESA STD), 1440x900px60Hz (VESA STD), 1600x1200px60Hz (VESA STD).
POWER SUPPLY:	12V, 5A.	12V, 5A.
DIMENSIONS:	16.2cm x 3.36cm x 11.4cm. (6.38" x 1.32" x 4.49") US W, D, H.	16.2cm x 3.36cm x 11.4cm. (6.38" x 1.32" x 4.49") US W, D, H.
WEIGHT:	0.14kg (0.31lbs) approx.	0.14kg (0.31lbs) approx.
ACCESSORIES:	Power supply, screwdriver, Kramer's Windows®-based configuration software.	Power supply, screwdriver, Kramer's Windows®-based configuration software.
OPTIONS:	USB cable 0.91m (3ft), WP-500 installation cable, FC-200 XGA EDID Copier.	USB cable 0.91m (3ft), WP-500 installation cable, FC-200 XGA EDID Copier.

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