

# Classroom Solution



## Challenge

Classrooms/study halls need reliable AV equipment to help teachers spend less time fiddling with AV gear and more time actually teaching. Students and teachers need the convenience of a local controls and connections to make sessions run as efficient as possible.

## Solution

SIIG's traditional classroom solution (approx. 30 students) offers two options to plug and play your device to presentation. At a teacher's desk, you can easily switch between different sources with our Switcher or WallPlate kit. The WallPlate kit offers the convenience of having a wall control panel to switch between different inputs and a control laptop or tablet to navigate while presenting.

Equipment	HDMI/VGA 2x1 HDBaseT 4K Scaler Switcher(CE-H24211-S1)  Wallplate HDMI/VGA HDBaseT Kit (CE-H23Z11-S1)  Mini Digital Amplifier (CE-AU0011-S1)
Source Input	Supports up to two (2) sources ( HDMI or VGA) such as laptop or PC

The classroom solution allows the teacher/presenter to select and switch between any of the 2 source devices (1 HDMI + 1 VGA) to display on an HDMI display through a single economical Cat cable with audio, IR, microphone controls.

## HDMI/VGA 2x1 HDBaseT 4K Scaler Switcher – CE-H24211-S1

Allows you to select and switch between any of the 2 source devices (1 HDMI + 1 VGA) to display on an HDMI display up to 230 feet away

- Scales and switches between one HDMI and one VGA input to broadcast on an HDMI display
- Power Over Cable (PoC) technology allows for installation flexibility where power outlets are not accessible
- Delivers stunning and crystal clear 4K UHD video content with high fidelity digital audio sound quality
- Output resolution selectable to provide maximum compatibility to support the widest range of TVs/displays
- Extends video transmissions up to 230 feet at 1080p or 130 feet at 4K over Cat6 cable
- Offers Bi-directional IR extension and advanced EDID management
- Features manual or auto device switching options
- Supports bi-directional IR extension, RS232 control, and advanced EDID management



HDMI/VGA 2x1 HDBaseT 4K Scaler Switcher

### Wallplate HDMI/VGA HDBaseT Kit – CE-H23Z11-S1

Allows you to select and switch between any of the 2 source devices (1 HDMI + 1 VGA) to display on an HDMI display up to 96 feet away

- Scales and switches between one HDMI and one VGA input to broadcast on an HDMI display
- Power Over Cable (PoC) technology allows for installation flexibility where power outlets are not accessible
- Delivers stunning and crystal clear HD 1080p video content with high fidelity digital audio sound quality
- Output resolution selectable to provide maximum compatibility to support the widest range of TVs/displays
- Extends video transmissions up to 96 feet over Cat6 cables
- Features wallplate designed Transmitter and Control Panel and wall mounting Receiver box
- Wallplate Control Panel offers convenient device control at a distant location
- Wallplate Transmitter offers centralized area to organize and connect your HDMI and VGA source devices
- Supports Mic input, Audio Line out, USB output, RS232 control, IR out on the Receiving unit



**Wallplate HDMI/VGA HDBaseT Kit**

### Mini Digital Amplifier – CE-AU0011-S1

Compact size audio amplifier with 2 line-in and 1 microphone input is the perfect audio amplifier solution for classrooms, small meeting rooms, and lecture halls

- Support 2x20 Watts @4 ohms or 1x40Watts @8 ohms (Bridge connection)
- Volume/Bass/Treble control via push button, IR remote control, or RS232 software
- Two stereo audio inputs switchable by push button, IR remote, or RS232
- Mic supports balance/unbalance signal with external noise suppression
- Ultra low inrush current negates power sequencing and prevents overloaded power circuits
- Anti-static metal case provides excellent electrostatic protection and efficient cooling for reliability and stable performance



**Mini Digital Amplifier (Inputs)**



**Mini Digital Amplifier (Outputs)**