



Fine-Tuned Video Scaling to 1080p and 2K with Built-In Audio Amplifier



EXT-AVCONF5

Convert and Scale digital and analog A/V sources to HDMI plus 2.1 channel amplified audio output

Integrating multiple audio/video sources in a professional setting has never been easier. Gefen's new A/V Conference Room Scaler with built-in audio amplifier connects set top boxes, Blu-ray players, gaming consoles, computers and more. Video is scaled and output in HDMI format with cinema-quality scaling up to 2K or 1080p Full HD resolution, supporting large-scale HDTV displays. The audio is mixed down from 5.1 Dolby™ surround to two-channel audio with support for a powered subwoofer. A built-in 2-channel audio amplifier delivers 25 watts per channel from digital and analog sources, ideal for creating high-fidelity sound in the conference room environment. Two speakers may be connected directly to the amplifier binding posts for "plug and play" installation in any conference room, educational facility or presentation venue.

How It Works

Connect each video input source and corresponding audio source to connectors on the front or rear panel. Power up the A/V Conference Room Processor. The buttons on the front panel are used to select the active A/V source. Use the LCD menu system to select the scaler output resolution and desired A/V processing functions. The A/V Conference Room Processor will convert the selected A/V inputs to HDMI video output with two-channel analog line-level and speaker-level with powered subwoofer support.

Features

- Scales and outputs resolutions up to 1080p, 2K, and 1920x1200
- Switches and converts various A/V sources to HDMI
- Dolby Digital™ decoding and processing
- Advanced EDID Management
- High performance frame rate conversion engine.
- Auto 3:2 pull-down and 2:2 pull-down detection and recovery
- Aspect Ratio Control
- Built-in menu system
- RS-232 Control
- IR Remote Control
- Field upgradable firmware
- Energy Star™ compliant
- Rack-mountable (rack ears included)

Specifications*

- Maximum Pixel Clock: 165 MHz
- Analog Video Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- HDMI Input Connector: Type-A 19-pin, female
- HDMI Output Connector: Type-A 19-pin, female
- DVI Input Connectors: (2) DVI-I 29-pin, female
- VGA Input Connector: HD-15, female
- Digital Audio Input Connectors: (4) TOSLink, (4) S/PDIF
- Analog Audio Input Connectors: (5) L/R RCA
- Analog Audio Output Connectors: L/R + LFE, RCA
- Speaker Connectors: L / R Binding Posts
- Speaker Output: 25W per channel RMS
- SNR: > 90 dB
- Frequency Response: 20 Hz - 20 kHz, +/- 0.5 dB
- THD: < 0.01% @1k at 2V RMS
- RS-232 Serial Port: DB-9, female
- Power Supply: 24V DC
- Operating Temperature: 0 ~ 40 °C
- Dimensions: 16.9" W x 2.6" H x 8" D (2U Rack Space)

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