

High Definition A/V Scaler for HDMI™



MODEL#: SCALER-2-1080P

Scaling and switching solution for S-Video, Composite, Component and HDMI sources

The Linear High Definition A/V Scaler for HDMI allows you to upscale and switch your standard definition or high definition Component and HDMI sources to resolutions up to 1080p. Anything from set-top boxes, DVD players to the next generation of gaming consoles can be plugged into the Linear High Definition A/V Scaler for HDMI.

The Linear High Definition A/V Scaler for HDMI supports one Component source with analog audio, one Composite or S-Video source with analog audio, and two HDMI sources with digital audio. The analog audio from the analog sources is digitized and outputted to the HDMI connection as well as the digital audio outs. The HDMI inputs also have separate digital audio inputs, so you can use DVI sources and separate digital audio. The High Definition A/V Scaler for HDMI will embed the digital audio into the HDMI output as well as the digital audio outs.

How It Works

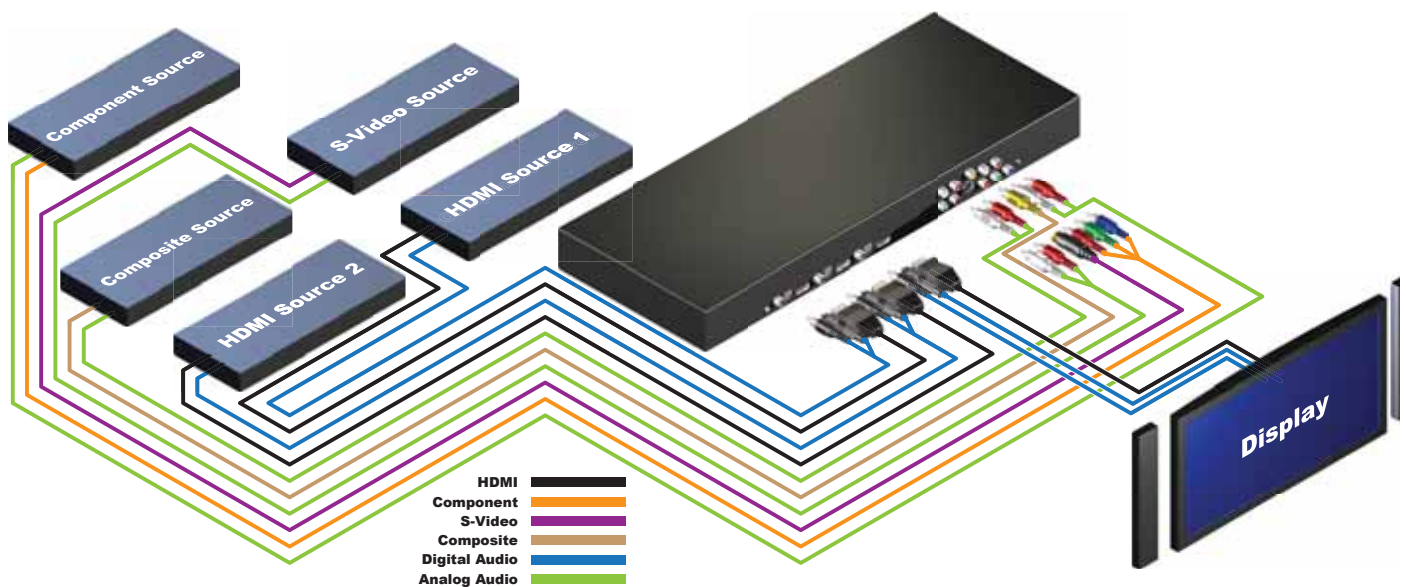
You simply connect all your components and your display. Easy to use on-screen menus are accessible through the IR remote control. The IR remote control allows for effortless setup and image adjustment to accommodate different viewing modes and screen sizes to perfect your final picture.

Features

- Both digital and analog inputs are format converted and pixel re-scaled through the Home Theater Scaler Plus. It outputs a large range of formats and resolutions that will easily match the native resolution/format of your display to ensure highest picture quality
- DVI/HDCP/HDMI compliant input: Operates up to 165MHz (Up to UXGA @60Hz)
- Supports digital HD output up to 1080p
- Integrated 8-bit triple-ADC/PLL
- Integrated DVI/HDCP/HDMI compliant receiver
- Dual high quality scaling engines
- Dual 3-D motion video adaptive de-interlacers with smooth low-angle edge
- Automatic 3:2 pull-down & 2:2 pull-down detection and recovery
- High performance frame rate conversion engine
- The Proprietary Advanced Color Engine technology gives you brilliant and fresh color, intensified contrast and details, vivid skin tone, sharp edge, accurate and independent color control
- Option to select Audio input from HDMI or Optical/SPDIF audio source
- 3D noise reduction on analog inputs only
- Operates through on-screen menu control and remote control
- Aspect Ratio Control
- Digital Audio Delay to match audio/video timing
- Less than one frame delay for gaming devices

Specifications

- Digital Video Amplifier Bandwidth: 165 MHz
- Component Video Bandwidth: 350 MHz
- Input DDC Signal: 5 Volts p-p (TTL)
- Input Video Signal: 1.2 Volts p-p
- Single Link Range: 1080p/1920 x 1200
- Analog Video In Connector 1: 3 RCA Component
- Analog Video Connector 2: 1 RCA Composite
- Analog Video In Connector 3: 1 S-Video
- HDMI Input Connector: 2 Type A 19 pin female
- HDMI Output Connector: 1 Type A 19 pin female
- Digital Audio In Connector:
 - 2 Optical TOSLINK and 2 Coaxial SPDIF
- Digital Audio Out Connector:
 - 1 Optical TOSLINK and 1 Coaxial SPDIF
- Analog Audio In Connector: 3:2 RCA R+L
- Includes: Power Supply: 5V DC (Regulatory Approvals Include UL and CE) and one 6 ft Mono-Lok HDMI cable
- Power Consumption: 20 Watts (max)
- Dimensions: 6.875" W x 2.125" H x 6.875" D
- Shipping Weight: 4 lbs.



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