

Audio Authority[®]

EXPERT AUDIO / VIDEO SOLUTIONS SINCE 1976

Commercial and Residential AV Product Guide



SF-16M 16 CHANNEL MATRIX AMPLIFIER

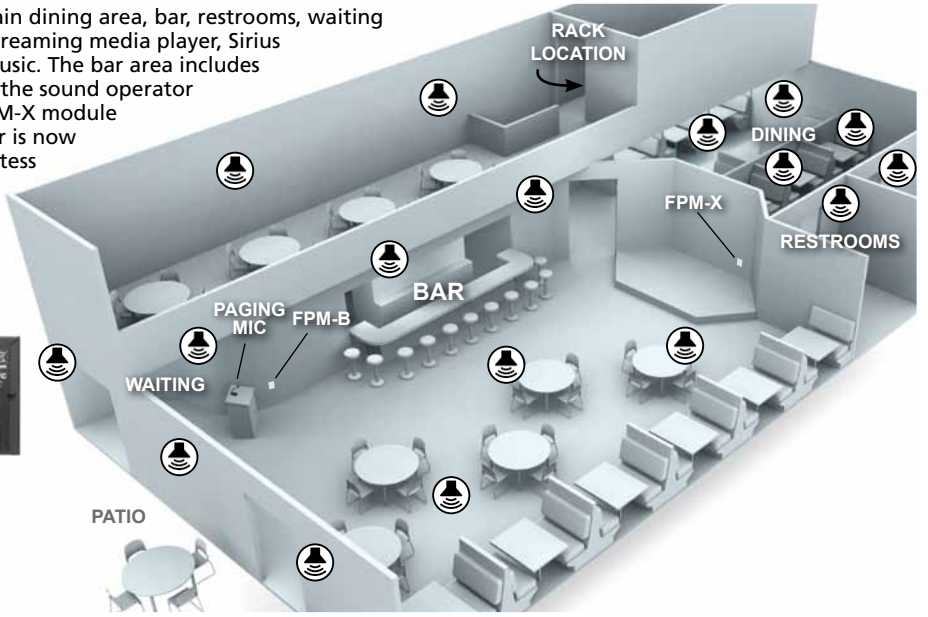
AMP DIFFERENT



SF-16M Application Examples

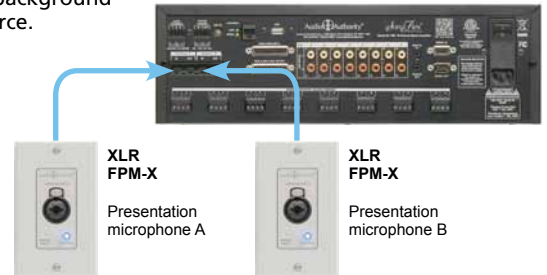
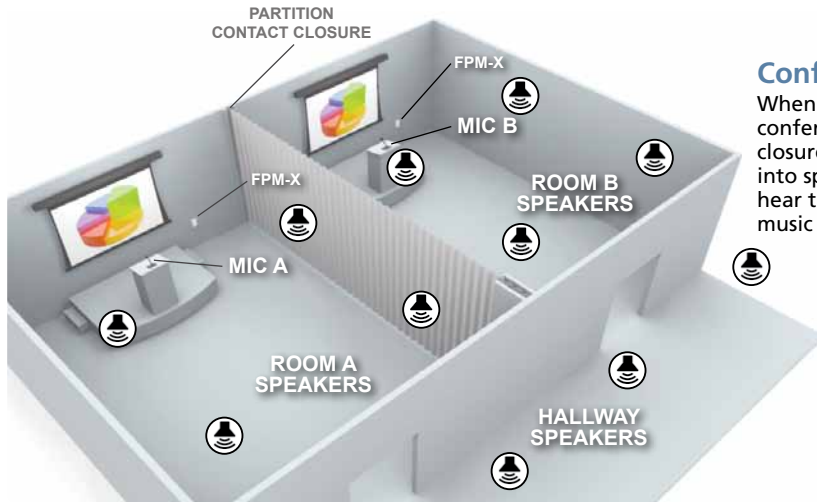
Restaurant with Live Music and Hostess Paging

The SF-16M provides audio to speakers in the main dining area, bar, restrooms, waiting area and patio. The equipment rack includes a streaming media player, Sirius radio and a 5-disc CD changer for background music. The bar area includes a stage for live music. Prior to live performances the sound operator connects the mixer's output to the FlexPort™ FPM-X module and presses the override button. The audio mixer is now heard in the dining area and the bar. At the hostess stand, a push-to-talk microphone is connected to a FPM-B FlexPort module, which overrides audio in the waiting area, restrooms and patio for paging announcements.



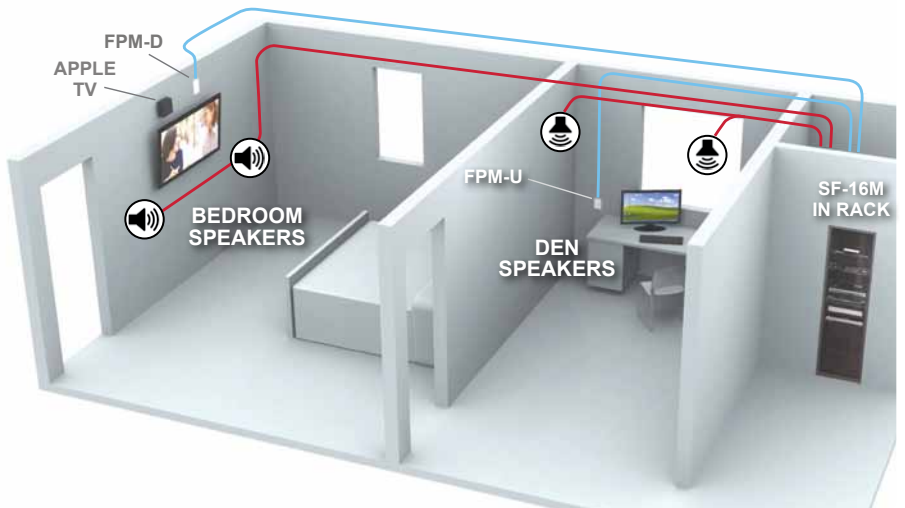
Conference Center with Partitions

When the partition is open, Mic A is heard in the combined conference space. An override, triggered by the partition contact closure, automatically routes the appropriate microphone audio into speakers in each room. Hallways and other areas continue to hear the background music source.



Multi-zone Audio with Local Sources

The FlexPort FPM-U and FPM-D modules accept analog or digital inputs for sources located in their zones. An Apple TV located behind a display can send audio to the local in-wall speakers, or to any speaker in any other zone.





SonaFlex
SERIES

MODEL
SF-16M

Audio Matrix Amplifier

MSRP
\$2989.00

The AMP DIFFERENT experience combines audiophile sound quality with new levels of installation flexibility. Residential and commercial installations all benefit from the attention to high fidelity audio and superb dynamic response built into the SF-16M.



FOCUS SHEET

Optional Audio Breakout Cable



802-674

SF-16M FEATURES:

- 16 RCA inputs combined with two Cat 5 "FlexPort" inputs equals 20 mono/10 stereo input channels
- 16 amplified outputs can be configured as mono, stereo, or a combination of stereo and mono
- Class-D amplification provides a conservatively rated 45 watts per channel (all channels driven) at 8 Ohms
- Linear power supply delivers the warmth and musicality of an analog amplifier with plenty of headroom
- Hi- and low-shelf filters, hi- and low-pass filters, and up to seven bands of parametric equalization per output
- 10 audio overrides (triggered by contact closure, IR, and RS-232 commands) enable paging, local source selection, and room combining functionality
- 10 programmable *sound scenes* can be saved and recalled using IR, RS-232 or IP commands
- 10 audio groups allow multiple outputs to be grouped to share volume ramping, muting, and source selection
- Link up to four SF-16M units into one 64 output system
- Optional FlexPort modules accept balanced line/mic, XLR, digital coax/optical and analog RCA audio sources
- Control via RS-232, Ethernet or IR



In-wall / on-wall



FlexPort audio transmitters provide a convenient way to add source inputs up to 500 feet from the SF-16M via one Cat 5 cable. Each SF-16M accepts up to four FlexPort input channels – either two stereo modules or four mono modules. See details below or visit audioauthority.com/page/flexport.



Included with each FlexPort

FlexPort™ Transmitters COMING SOON



MODEL
FPM-X

Combination XLR and Microphone Balanced Input

Combination jack provides connection point for 1/4 inch TRS plug or XLR plug. Ideal for microphones or mixers. Mono or stereo output. Illuminated override button can be set for momentary or toggle operation.

MSRP
\$159.00



MODEL
FPM-B

Mixer or Mic Balanced Input with Override Contact

Removable screw terminal block provides connection point for microphones or mixers. Override terminal is ideal for microphone with "push to talk" switch. Mono or stereo output. Illuminated override button can be set for momentary or toggle operation.

MSRP
\$159.00



MODEL
FPM-U

Two-Channel Analog Source Input

RCA jacks provide connection point for any unbalanced stereo source. Ideal for any two channel audio source. Mono or stereo output. Illuminated override button can be set for momentary or toggle operation.

MSRP
\$139.00



MODEL
FPM-D

Digital PCM Audio Input with Analog Output

Optical and coaxial jacks provide connection point for any 2-channel PCM source. Ideal for media players such as AppleTV and blu-ray players. Digital audio is converted to analog and is also available at the local analog audio output. Mono or stereo output. Illuminated override button can be set for momentary or toggle operation.

MSRP
\$169.00



MODEL
2006 CARD CAGE*
2014 EXPANDER CAGE*

HLX SERIES
MODULAR MATRIX SYSTEM

MSRP
\$1500.00
\$999.00



CONFIGURATION

Modular Audio/Video Matrix

Ideal for homes, restaurants, sportsbars, casinos, and anywhere HDTV and/or audio systems require long range, flexible matrix capabilities and advanced DSP.

* Get pricing and capacity for custom configurations – http://www.audioauthority.com/hlx_config

** Configurations with 16 inputs include 12 AV inputs and 4 audio-only inputs.

FEATURES:

- Configurable audio/video matrix switching system
- Long distance HDTV signal distribution via Cat 5 cables
- Three Cat 5 zone receiver options to match any installation scenario (sold separately, see below)
- DSP for audio zones – 10-band EQ, volume, and balance
- Breakaway switching (independent video and audio)
- Maximum configurations are 8x96, 12x88, and 16x80**
- Integrated 2-way IR routing system
- PC-based setup and USB firmware updates
- Open control architecture accepts Ethernet, serial and IR commands from any automation system



Cat 5 Zone Receivers



MODEL
9878

Wallplate Dual-Gang Dual Cat 5 Receiver

Stainless steel component video, digital and analog audio receiver with IR pathway. 1-inch mounting depth. Fits in a standard US dual-gang wall box. F-connector pass-through jack for antenna connection (requires separate coax cable run).

MSRP
\$220.00



MODEL
9879

Wallplate Single-Gang Dual Cat 5 Receiver

Decora® style component video, digital and analog audio wallplate receiver with IR pathway. White, ivory, and almond. Front and rear facing IR jacks.

MSRP
\$200.00



MODEL
9880

Dual Cat 5 Receiver With IR

Component video, digital and analog audio receiver with IR. Perfect for wall & ceiling-mounted displays. Can be mounted on any flat surface. Includes an IR pathway.

MSRP
\$200.00



MODEL
1180R

Single Cat 5 Receiver

Component video and digital audio receiver. Perfect for wall & ceiling-mounted displays. Can be mounted on any flat surface. Dual to single Cat 5 adapter available for use with HLX and AVAtrix (Model 1110, sold separately).

MSRP
\$150.00



MODEL
1180RD

Wallplate Single-Gang Single Cat 5 Receiver

Decora style component video and digital audio wallplate receiver. White, ivory, and almond. Dual to single Cat 5 adapter available for use with HLX and AVAtrix (Model 1110, sold separately).

MSRP
\$150.00



MODEL
1110

Dual Cat 5 to Single Cat 5 Adapter

The 1110 enables the use of Audio Authority's Dual Cat 5 products (HLX, AVAtrix, SixDrive®) over a single Cat 5 infrastructure. Only component video and digital audio are possible over a single Cat 5 using this passive converter. IR jack for separate cable.

MSRP
\$38.00

HLX SOURCE Cards

HD Video/Audio Source Card



MODEL 2114

Component video, stereo analog audio, digital coaxial audio, digital optical audio inputs, and IR out jacks. Four sources per card.

MSRP
\$350.00

Video/Audio Source Card



MODEL 2124

Composite video (BNC and RCA), S-video, stereo analog audio, digital coaxial audio, digital optical audio, and IR out jacks. Ideal for security cameras. Four sources per card.

MSRP
\$1199.00

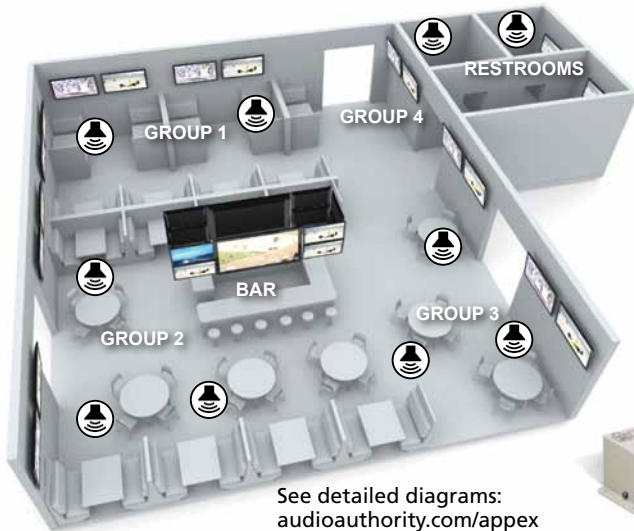
Analog Audio Source Card



MODEL 2174

Analog audio (left and right), and IR out jacks. Ideal for stand-alone audio sources. Four sources per card.

MSRP
\$199.00

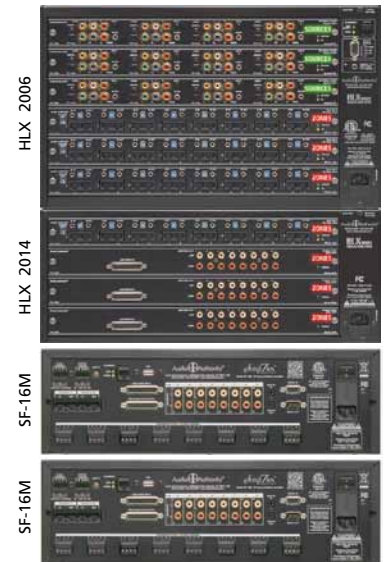


See detailed diagrams:
audioauthority.com/appex

Sports Bar Video and Audio Application

The HLX is ideal for sports bars and other applications where multiple video sources are matrixed to dozens of TVs. The HLX works perfectly with the SF-16M amplifier, providing sound from any source in any location. The HLX Groups and Favorites options help manage the content showing on each screen, and the audio heard in each zone or group of zones.

The 1180R provides a single Cat 5 endpoint for each TV location (1110 adapter required).



HLX ZONE Cards

Dual Cat 5 HD Zone Card



MODEL 2248

Dual Cat 5 outputs for zone receivers carrying component video, stereo analog audio, digital audio, and IR signals. IR injection jacks for incoming and outgoing control signals. Eight zones per card.

MSRP
\$670.00

HD Video/Audio Zone Card



MODEL 2214

Component video, stereo analog audio (with DSP), digital coaxial audio, digital optical audio, and IR in jacks. Four zones per card.

MSRP
\$399.00

Analog Audio Zone Card



MODEL 2278

Stereo analog audio via RCA jacks or DB25 quick connect for use with SF-16M. DSP controls per zone including ZQ 10-band equalization, volume, mute, and balance. Eight zones per card.

MSRP
\$490.00



ZQ is Audio Authority's 10-band equalization feature that gives installers fine-tuning control over each matrix output.

ADX™

Audio Matrix Preamp

MODEL
ADX-0808

MSRP
\$1264.00

Audio Matrix Preamp

MODEL
ADX-1616

MSRP
\$1686.00

Ideal for homes, restaurants, boardrooms, nightclubs, and lecture halls. Featuring custom 10-band EQ control per zone, and low-pass/ high-pass filters for subwoofers in 2.1 channel zones, the ADX Series brings your customer new levels of audio performance and control. ADX matrix switchers are easy to integrate via Ethernet, serial or IR control, and easy to connect to amplifiers – especially using the DB-25 audio connector to SF-16M amplifiers. Setup is easy – simply connect a laptop via Ethernet or serial to adjust settings for each input and output.



FOCUS SHEET

FEATURES:

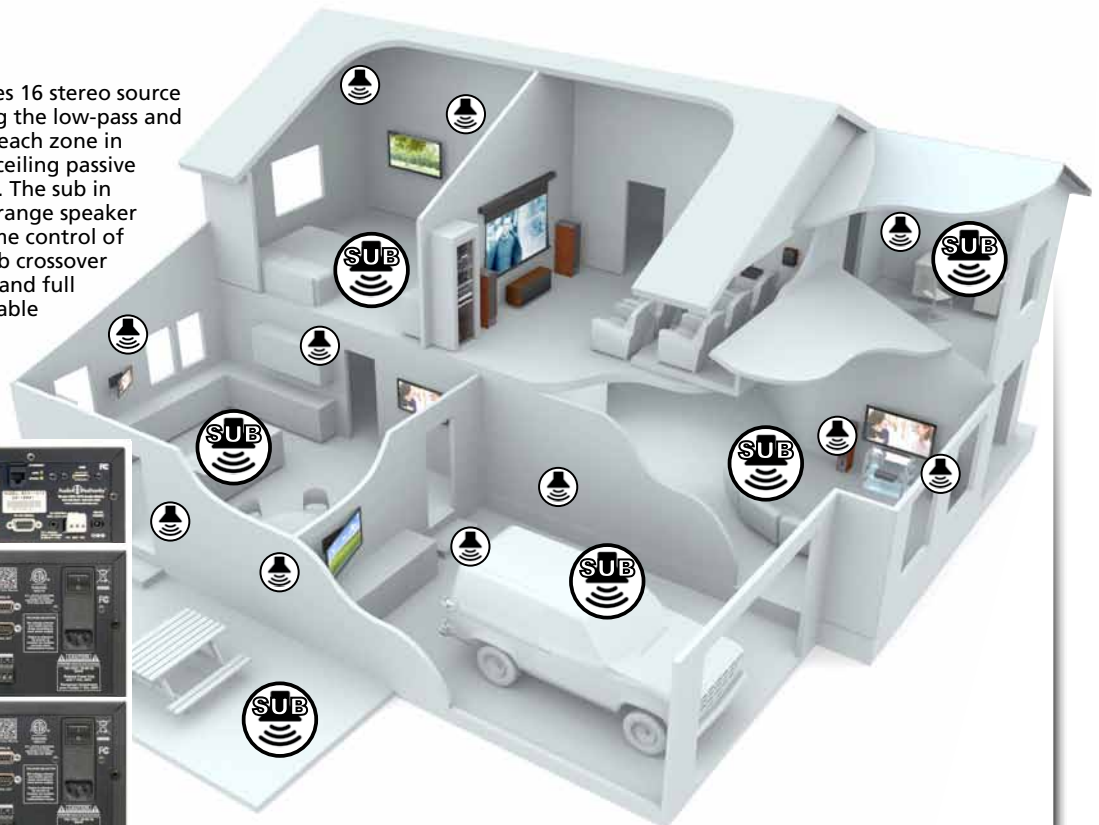
- Stereo matrix preamps available in two configurations: 16 x 16 (ADX-1616) or 8 x 8 (ADX-0808)
- Full front panel control with capacitive touch keys and knob
- Settings per zone: ZQ™ 10-band EQ, volume, mute and balance
- High-pass and low-pass filters
- Add a sub to any zone – low-pass filter and zone grouping allows any zone to be a sub output tied to a full-range zone
- Zone grouping and Source/Zone combination presets
- Simple PC-based setup using USB, Ethernet, or serial
- Ethernet, RS-232 Serial and IR (Front & rear panel) control
- Rack ears included



ADX Application Example

Whole House Music

The ADX-1616 audio matrix provides 16 stereo source inputs, and 16 stereo outputs. Using the low-pass and high-pass filters with zone groups, each zone in the home has its own in-wall or in-ceiling passive subwoofer, and full range speakers. The sub in each zone is grouped with the full range speaker outputs to allow coordinated volume control of subs and full range outputs. The sub crossover and the volume ratio between sub and full range signal are individually adjustable via PC.





MODEL
AVM-562

MSRP
\$2250.00

AVatrix™



FEATURES:

- Six inputs, six Cat 5e/6 outputs (plus one local output)
- Component video, digital audio, analog audio
- Expandable up to 36 AV zones (1176BK)
- Integrated IR routing for source and switching control
- Supports Cat 5e/6 cable runs up to 1,000 feet
- Optional audio router expander with volume control (1173BK)
- Manufactured and designed in Lexington, Kentucky, USA



Audio/Video Matrix Switcher

The AVM-562 is the original HD matrix that delivers component video, digital audio and stereo audio signals via Cat 5 cable. The AVM-562 is perfectly suited for homes, restaurants, and digital signage. Any of six sources may be routed to multiple remote zones. Each of the AVM-562's outputs is terminated at a Cat 5 receiver which provides a connection point for component video, digital audio, and stereo analog audio.



MODEL 1176BK

6x6 AVatrix™ Cat 5 Matrix Router Expander

Expand your AVatrix™ system beyond six Cat 5 outputs by adding one or more 1176 Expanders. Each Expander adds six Cat 5 wallplate/receiver outputs to an AVatrix™ system.

MSRP
\$699.00



MODEL 1173BK

AVatrix™ 6-Zone Audio Router w/ Volume Control

The 1173BK works in harmony with the AVatrix™ to create a distributed audio system with maximum installation versatility. Features source switching, volume control and IR routing.

MSRP
\$799.00

Cat 5 Zone Receivers

See detailed information on page 4.



MODEL
1180R



MODEL
1180RD



MODEL
9880



MODEL
9879



MODEL
1180RD



MODEL HMX-244KIT INCLUDES: (1) HMX-244, (4) 1380R

4x4 HDMI Matrix Kit with Cat 5 Outputs

4x4 HDMI matrix with HDMI and Cat 5e/6 outputs, supporting 1080p video, high bitrate lossless audio, and 36-bit deep color. Controllable via RS-232, IR, and front panel controls. 4 inputs, 4 outputs (matrixed). Includes four Cat 5 receivers.

MSRP
\$1270.00



MODEL HMX-244

4x4 HDMI Matrix with Cat 5e/6 Outputs

4x4 HDMI matrix with HDMI and Cat 5e/6 outputs, supporting 1080p video, high bitrate lossless audio, and 36-bit deep color. Controllable via RS-232, IR, and front panel controls. 4 inputs, 4 outputs (matrixed). Includes four Cat 5 receivers.

MSRP
\$700.00



MODEL 1380R

Model 1380R

HDMI over Cat 5 Zone receiver for use with HMX-244 Matrix. Controllable via RS-232, IR, and front panel controls. Zone remote included.

MSRP
\$150.00



MODEL CMX-144

4x4 Component Video / Audio Matrix

The industry's most controllable 4x4 matrix, supports component video and audio switching, and features Ethernet, RS-232, IR, and touch-sensitive front panel controls. Component video, analog audio, digital coaxial audio, and digital optical audio. Control via Ethernet, RS-232, front and IR. Independent audio/video switching. Rack ears included.

MSRP
\$899.00



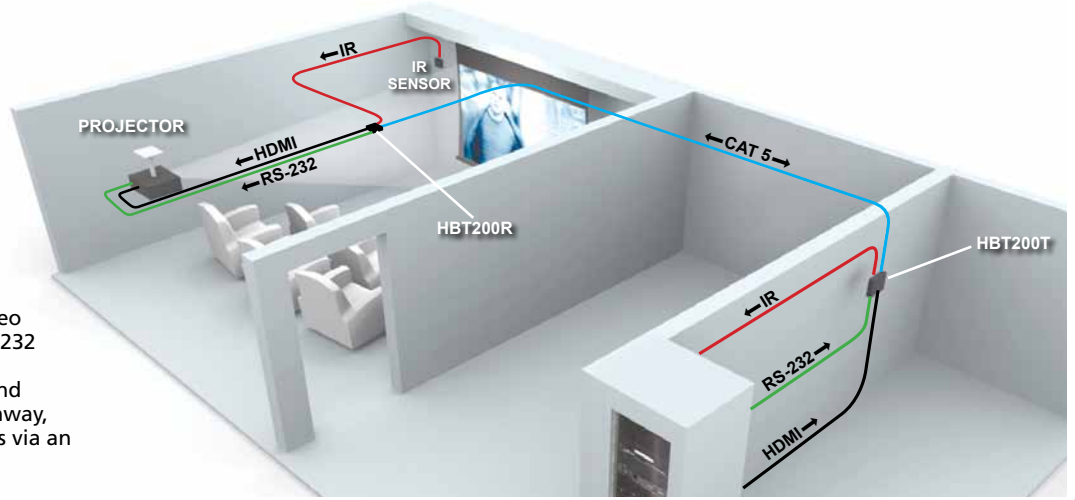
MODEL **HDMI Over Cat 5 Extender System**

HBT200KIT

INCLUDES:
•HBT200T
•HBT200R

Flawless HDMI performance and two-way control signal transmission make the HBT200 extender kit an essential tool for custom integrators. Extends Uncompressed 1080P with 3D, uncompressed audio, two-way IR control and RS-232 control over one Cat 5. Range is 330 feet.

MSRP
\$519.00



HBT200 Application

The HBT200T transmitter is located near the rack, sending 1080p signals via Cat 5 cable to the HBT200R located near the video projector in the theater room. RS-232 signals, transmitted on the same Cat 5 run, turn the projector on and off. IR signals share the same pathway, transmitting source control signals via an IR sensor in the theater room.



MODEL **HDMI Over Coax Distribution System**

INCLUDES:
•1341T-US
•1341R-US

The HXE-11 kit enables extension of HDMI signals over a single RG-6 coaxial cable. The 1341R features a loop-out connector, allowing a separate run of coax to feed another receiver or a continuous chain. Capable of distributing today's latest video and audio formats, including 1080p video with 36-bit deep color and lossless audio. Transmitter and receiver are also sold separately.

MSRP
\$565.00



MODEL **Gigabit Video Distribution Transmitter / Receiver**

2801-US
2811-US

Gigabit Ethernet technology enables HDMI® to be transmitted over a single Cat 5e/6 cable. The system is capable of transmitting 1080p video content up to 250 feet in one run without any loss of quality, and supports an almost unlimited number of HDTV displays. Using off-the-shelf Gigabit IP switches, a system can be extended for even more distance, or expanded to add more receivers.

MSRP
\$289.00
\$275.00



MODEL **Active Dual Cat 5 Extender System**

INCLUDES:
•9880T
•9880

The UniDrive system transmits HDTV signals over Cat 5e/6 to a destination up to 1,000 feet away. Carries component video, analog audio, and digital audio signals, includes a pathway for IR control.

MSRP
\$369.00



MODEL **Active Dual Cat 5 Extender with Wall Plate Receiver**

INCLUDES:
•9880T
•1180RD

The UniDrive system transmits HDTV signals over Cat 5e/6 to a destination up to 1,000 feet away. Carries component video, analog audio, and digital audio signals, includes a pathway for IR control.

MSRP
\$369.00



MODEL **Single Cat 5 Active Component / Digital Audio Extender**

INCLUDES:
•1180T
•1180R

Our leading AGE (Active Gain Equalization) technology, applied to a single Cat 5 system suitable for transmitting 1080p component video and digital coaxial audio up to 1,000 feet from the source.

MSRP
\$299.00



MODEL **Single Cat 5 Active Component / Digital Audio Extender Wall Plates**

INCLUDES:
•1180TD
•1180RD

Our leading AGE (Active Gain Equalization) technology, applied to a single Cat 5 system suitable for transmitting 1080p component video and digital coaxial audio up to 1,000 feet from the source.

MSRP
\$299.00



MODEL
979T

Analog to Digital Audio Converter

Converts analog audio signals to digital coaxial and digital optical PCM audio. The 979T supports variable sampling rates for maximum fidelity. The 979T's digital optical and digital coaxial outputs may be used simultaneously for maximum installation flexibility. Perfect for use with baluns that only offer digital audio pathways - pair it with a 979R at the other end to convert back to analog audio.

MSRP
\$90.00



MODEL
979R

Digital to Analog Audio Converter

Converts digital coaxial or digital optical PCM audio signals to analog L/R audio. Supports 2.0 channel PCM audio. Not for Dolby Digital or DTS applications. Only one digital audio input may be utilized at a time. For digital audio switching, please consider the Model 1177A. Pair with 979T for use with baluns that only offer digital audio pathways.

MSRP
\$90.00

979R Application: AppleTV Audio Distribution

The source device, an Apple TV, lacks analog audio outputs. Digital PCM must be converted to analog for connection to whole house audio systems using the 979R. Supports variable sampling rates (44.1 to 192kHz).



MODEL
977TPO

Digital Coaxial to Digital Optical Audio Converter

This simple, reliable converter transcodes from digital coaxial to optical format. Model 977 convert digital signal (multi-channel surround or two-channel) from Coax to Optical or vice versa. The 977T (Transmitter) converts a Coax signal to an Optical signal. Includes 2 ft. Optical cable.

MSRP
\$75.00



MODEL
977RPO

Digital Optical to Coaxial Audio Converter

This simple, reliable converter transcodes digital audio (multi-channel surround or two-channel) from optical to coaxial format. The 977R (Receiver) converts the Optical output of a digital source (Blu-ray, media player, or satellite receiver) to Coax for connection to any receiver or music system. Includes 2 ft. Optical cable.

MSRP
\$75.00



MODEL
C-1071A

IR to Bluetooth® Signal Converter

The C-1071A "BlueBeam" translates IR commands from a universal remote control to Bluetooth® signals that control the Sony Playstation 3. Works with any IR remote control capable of sending Sony Playstation commands. Basic installation is simple, advanced programming is available via PC software.

MSRP
\$127.00



MODEL
C-1024A

IR Converter for Bose LS 20, 25, 30, 40 and 50 Systems

Enables IR commands issued by a compatible remote control to operate some Bose LifeStyle systems. The C-1024A makes it possible for multiple sound and video components to respond to the IR commands issued by a single Pronto® or Harmony 880 or greater learning remote control. Includes serial data cable and IR sensor.

MSRP
\$190.00



MODEL
1366

PC / HD Scaler with Advanced Video Processing

This versatile scaler converts VGA and component signals while preserving the original signal via the passthrough jack. Includes one VGA to 3 RCA (male) breakout cable. Ideal for connecting a computer to an HDTV - see application example below.

MSRP
\$369.00



MODEL
1361

HDTV or PC Downconverter

Downconverts HDTV or PC signals to 480i component, s-video, or composite output. Features a passthrough.

MSRP
\$499.00



MODEL
1362

Composite/S-Video to Component/VGA Converter

Converts composite video, S-Video, or component video to YPbPr component video or VGA output. Features an onscreen menu for easy setup.

MSRP
\$299.00



MODEL
1385

VGA to HDMI Scaler with Advanced Video Processing

Ultra compact, high performance scaler ideal for connecting computer VGA video output signals to HDMI inputs on video displays..

MSRP
\$399.00



MODEL
1388

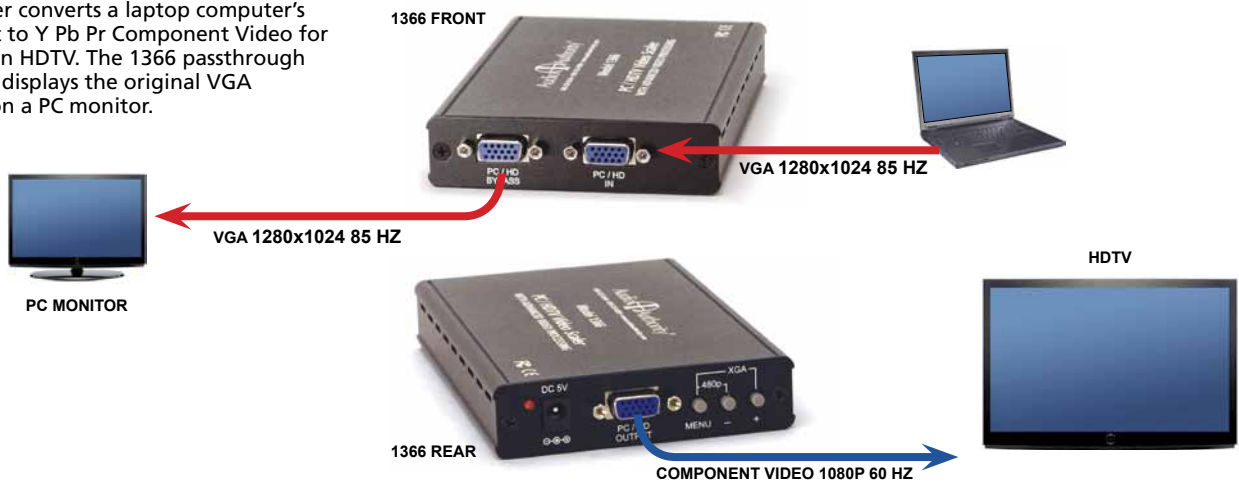
HDMI to HDMI Scaler

Scales HDMI source signals for compatability with HDMI displays and distribution systems. Includes separate audio inputs and outputs.

MSRP
\$349.00

1366 Laptop Video Application

A 1366 scaler converts a laptop computer's VGA output to Y Pb Pr Component Video for display on an HDTV. The 1366 passthrough output also displays the original VGA resolution on a PC monitor.



MODEL
1185ci

HD Component and Audio Distribution Amplifier

A one input, four output distribution amplifier designed to be compatible with component video or RGBHV signals. Also distributes analog and digital audio signals.

MSRP
\$210.00



MODEL 1171BK

1:6 Cat 5 Single-Source Multidriver

Distribute HDTV signals to multiple zones over Cat 5 cable with this Cat 5 driver, which serves six remote locations. Outputs are expandable in increments of six. See receiver styles below.

MSRP
\$669.00



MODEL 1170BK

Cat 5 MultiDriver Expander

Adds six additional Cat 5 outputs to Model 1171BK (sold separately, shown with 1171BK). See receiver styles below.

MSRP
\$599.00

Cat 5 Zone Receivers

See detailed information on page 4.



MODEL 1180R

1110



MODEL 1180RD

1110



MODEL 9880



MODEL 9879



MODEL 1180RD



MODEL 1398B

1:8 HDMI v1.4a Distribution Amp/Splitter

This HDMI distribution amplifier is useful for "splitting" HDMI signals from one HDMI source to eight HDMI outputs. Supports 3D and lossless audio formats. Includes CEC reset feature for robust performance in public environments.

MSRP
\$480.00



MODEL 1394A

1:4 HDMI v1.3 Distribution Amp/Splitter

This HDMI version 1.3 distribution amplifier is useful for "splitting" HDMI signals from one HDMI source to four HDMI outputs.

MSRP
\$370.00



MODEL 1392A

1:2 HDMI v1.3 Distribution Amp/Splitter

This HDMI version 1.3 distribution amplifier is useful for "splitting" HDMI signals from one HDMI source to two HDMI outputs.

MSRP
\$220.00



MODEL 1374A

4:1 HDMI v1.3 Switcher

This HDMI version 1.3 switcher allows multiple sources to feed a single display or signal distribution system. Four HDMI inputs, one HDMI output.

MSRP
\$195.00



MODEL 1322D

HDMI EDID Controller

FEDID settings can confound even the most carefully planned HDMI system. Force proper resolution and audio settings with this EDID Controller.

MSRP
\$200.00

Become a Dealer!

Audio Authority welcomes commercial and residential integration firms that want to offer the best in audio and video solutions. You will find our approach refreshing and straight forward, because we realize that our success depends on your success. Download a Dealer application at http://www.audioauthority.com/page/login_signup

US Manufacturer

Audio Authority manufactures high quality, innovative audio and video products right here in Lexington, Kentucky. Beyond build quality and insightful design, you benefit from the informed and personal service you receive from our sales and support staff who are based in the same building where our products are engineered and manufactured.

Easy Terms

Our goal is to make all business transactions as easy as possible. You can call in your order, send purchase orders via fax and email, or order online via the 24 / 7 dealer web portal. Use any major credit card, or apply for terms.

No Minimums

As an Audio Authority Dealer you can order products as needed – no minimum purchase, no stocking requirements.

Easy Application Process

We make it simple to begin our business relationship. Fill out one application form with basic information and you will generally get approved within a day or two. You will receive your dealer number and web log-in so you can begin purchasing immediately.



Expert Audio/Video Solutions Since 1976

Audio Authority was founded in 1976 as a retail Hi-Fi store in Lexington, Kentucky. Since then, we have grown into a full service designer and manufacturer of audio/video products, serving customers all around the world. Our products range from residential audio and video to retail demonstrations, drive-up intercom systems for banks and pharmacies, and audio/video systems for restaurants, classrooms, boardrooms, and hotels.



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