

Audio Authority[®]

Custom Integration Product Guide



SWITCHING

CMX-144 4x4 HD Matrix

AVM-562 AVAtrix 6x6+ Cat 5 Matrix

1173BK Multi-Zone Audio Router

HMX-144 4x4 HDMI Matrix

1374A 4:1 HDMI Switcher

1154B 4:1 HD Switcher

1154A 4:1 HD Switcher

1177A 4:1 Digital Audio Switcher

9878, 9879, 9880 AVAtrix Cat 5 Receivers

DISTRIBUTION

1185ci 1:4 HD Distribution Amp

1390A Series HDMI Distribution Amps

9870 DuoDrive 1:2+ Cat 5 Distribution Amp

AVD-71D SixDrive 1:6+ Cat 5 Distribution Amp

EXTENSION

AVP-11 1:1 Cat 5 Extender

SCP-11 1:1+ Cat 5 Extender

SCP-11D 1:1+ Cat 5 Extender (wallplate)

1391A 1:1 HDMI Extender and DDC Corrector

HCX-11 HDMI over Coax Extender

HDP-11 HDMI over Dual Cat 5 Extender

CONVERSION

1366 PC to TV Converter/Scaler (VGA to Component)

1385 PC to HDMI Converter/Scaler (Component to HDMI)

1360 and 1361 Component Video Downconverters

1362 Composite to Component Video Upconverter

977T and 977R Digital Audio Format Converters

979T and 979R Digital/Analog Audio Converters

C-1024A IR Converter for Bose LifeStyle Systems

C-1071 BlueBeam IR to Bluetooth Converter for PS3

1182, 1183, and 1184 Hum Eliminators/DC Blockers



4x4 Component Video/Audio Matrix Switcher

- Switches up to four component video, analog, and digital audio sources to four HDTVs and/or sound systems
- Compatible with almost any programmable remote control or home automation system using Ethernet, RS-232, or IR
- Switches audio and video independently
- Supports HD video resolutions up to 1080p
- Sleek, rack mountable design
- Durable aluminum-and-steel construction, manufactured in the USA



Multiple Control Options

Virtually any control system or programmable remote can take full advantage of the CMX-144's audio/video switching, lockout, and independent audio switching features. The unit ships with a basic IR remote control.



Ethernet control via PC or other IP control system.



RS-232 for standard serial interface.



Standard IR 3.5mm jack or a convenient terminal connection.

The CMX-144 is the elegant solution for simple installations in mid-sized homes and small commercial applications. It includes many features typically only found on higher-priced products, making it the high-performance and value leader in small matrix systems. Compatible with practically any control system, its durable, attractive design complements any equipment rack or shelf. A wide variety of video and audio inputs eliminate the need for expensive outboard video and audio converters. It can accept and output either optical or coaxial digital audio, and the digital coax ports can be alternatively used for composite video.

The intuitive front panel displays the current selections with back-lit source numbers, and has four brightness levels including Off. The easy-to-clean capacitive keypad has no moving parts, so the front panel never wears out.

MODEL CMX-144 FEATURES:

- 4x4 matrix switches component video, analog stereo audio, digital coaxial audio, and digital optical audio
- Breakaway switching - switch audio and video independently
- Cross-Converts digital audio - digital coax and optical sources are converted and output as both formats simultaneously
- Capacitive touch front panel - no physical buttons to wear out
- Adjustable panel brightness includes 3 levels + Off
- Front panel lockout to discourage unauthorized tampering
- Web interface for control over LAN
- Ethernet (graphical web interface and direct control)
- RS-232 serial interface
- Front panel IR receiver (IR remote control included)
- Rear panel IR jack (connecting-block type and 3.5 mm jack)



CMX-144 rear view

Do Anything Remotely

The CMX-144 is designed to be compatible with all kinds of home automation systems and programmable remotes. Simply download, activate, or program the commands into your remote to automate your audio/video system.

The extensive command set not only allows the user to switch any source to any or all remote zones, but also to switch audio and video independently, restrict other zones from viewing a source, cancel restrictions, switch all zones to view one source, dim the front panel, lock the front panel controls, change the IP address, put the unit to sleep, wake the unit, and view the current settings. Since the unit is networkable, it can be connected to a LAN or even controlled from anywhere in the world!

- Download CCF files, compatible with most IR remotes, at www.audioauthority.com/page/software.
- Serial commands, usable through the RS-232 port and through the Ethernet connection, are listed in the user manual with clear instructions and specifications.

Audio and Video Versatility

The CMX-144 is built with ultra-high bandwidth component video circuitry that is capable of routing up to 1080p HD video content without degradation or artifacts.

The CMX-144 is capable of “breakaway switching” – switching video and audio signals independently. This special feature is useful for applications such as watching a sports event on cable TV while listening to coverage on satellite radio. The feature can also be incorporated into a “party scene” showing home movies, or a slide show on every TV, while playing music from an iPod on each room’s audio system.

The digital audio is fully automatic, detecting optical or coaxial input and making the signals available on both digital output formats. Left and right analog audio are also available for sources and TVs not equipped for digital audio.

The CMX-144 digital coaxial audio pathway is designed to allow composite video signals on the coaxial inputs and outputs instead of audio signals. L/R audio pathways may still be used for analog audio. See www.audioauthority.com for details.

SPECIFICATIONS:

Video Signal Type:	Component (YPbPr)	Digital Audio In/Out:	Coaxial + optical in/out	DC Input Connector:	5.5 X 2.1mm
Alternate Type:	Composite (digital audio jacks)	Input Impedance:	75 ohms/50K ohms	DC Input Voltage/Polarity:	12V center positive
Resolution Formats:	480i/p, 540i/p, 720p, 1080i/p	Min Load Impedance:	75 ohms/10K ohms	Max DC Input Current:	350mA
Input/Output Impedance:	75 ohms	Multi-channel Digital Audio:	Yes	Power Supply:	PN: 571-013, 12V DC 1A
Input Ground Isolation:	No	Frequency Response:	10-50KHz	Heat Output:	22 BTU/hr
Video Gain:	1	S/N Ratio:	75dB	Size w/o feet (H-W-D, in.):	3.5 x 16.7 x 9
Gain Accuracy:	2%	THD+Noise:	0.02%	Warranty:	One year replacement
3dB Bandwidth:	180MHz	Crosstalk:	-70dB	Agency Approvals:	FCC
Input Coupling:	AC	Agency Approvals:	FCC	Accessories Included:	IR remote with batteries, AC adapter, rack ears, manual
S/N Ratio:	65dB				

AVatrix™

High Definition Cat 5 Matrix

Model AVM-562



Audio  Authority®

The Revolutionary Cat 5 Video & Audio Distribution System



HD Matrix Signal Distribution

The AVatrix **Model AVM-562** is an HD matrix that delivers component video, digital audio and stereo audio signals for distributed video and home theater systems. Any of six sources may be routed to multiple remote wallplates or to the main output at any time. Each of the **AVM-562's** outputs is terminated at a wallplate/receiver which provides a connection point for component video, digital audio, and stereo analog audio. Audio Authority's innovative balanced line architecture, along with our Active Gain Equalization (AGE) technology, allows the signal to be transmitted up to 1,000 feet while preserving high definition signal clarity and vibrancy.

Cat 5 Wallplate Receivers

Audio and video signals are carried on two Cat 5 cables to each wallplate/receiver. The wallplates are powered from the head end over Cat 5 – no power connection required at the zone. A return pathway for IR signals is included in the Cat 5 cable run. This pathway allows the AVatrix to be remotely controlled via IR, and it also delivers discrete IR control signals to the sources.

Custom Options

The **Model AVM-562** is easy to install right out of the box with virtually no setup or assembly required for basic installations. The system is loaded with all the features and options needed for complex installations as well. It ships with its own IR remote control, and the AVatrix IR and RS-232 control codes are available for download from Audio Authority as well as several remote control companies. Each source input can be given a custom name that is displayed on the fluorescent display. A flash memory slot allows easy firmware upgrades and provides a way for installers to quickly perform setup tasks using a PC for configuration.

AVM-562 FEATURES:

- Six inputs and six Cat 5e/6 remote outputs in one unit
- Any source may be routed to any remote output
- Expandable to up to 36 remote Cat 5 outputs
- Loss-free signal distribution up to 1,000 feet over Cat 5
- High bandwidth component video up to 1080p
- Cat 5 receivers provide YPbPr plus digital & analog audio
- Cat 5 bus delivers power for wallplate/receivers
- Pathway for IR control signals through Cat 5 bus
- IR routing system for discrete source control built in
- IR remote control and rack mount ears included



The Perfect HDTV Distribution Solution

The **AVM-562** is your ticket to quicker, simpler, headache-free installations. Two Cat 5 cables are all you need—they do the work of six coaxial cable runs plus provide an IR pathway for source control. Balanced line technology allows for superior noise rejection and excellent picture quality. The **AVM-562** is perfectly suited for home use, restaurant television distribution, digital signage, even retail demonstrations of HDTV.



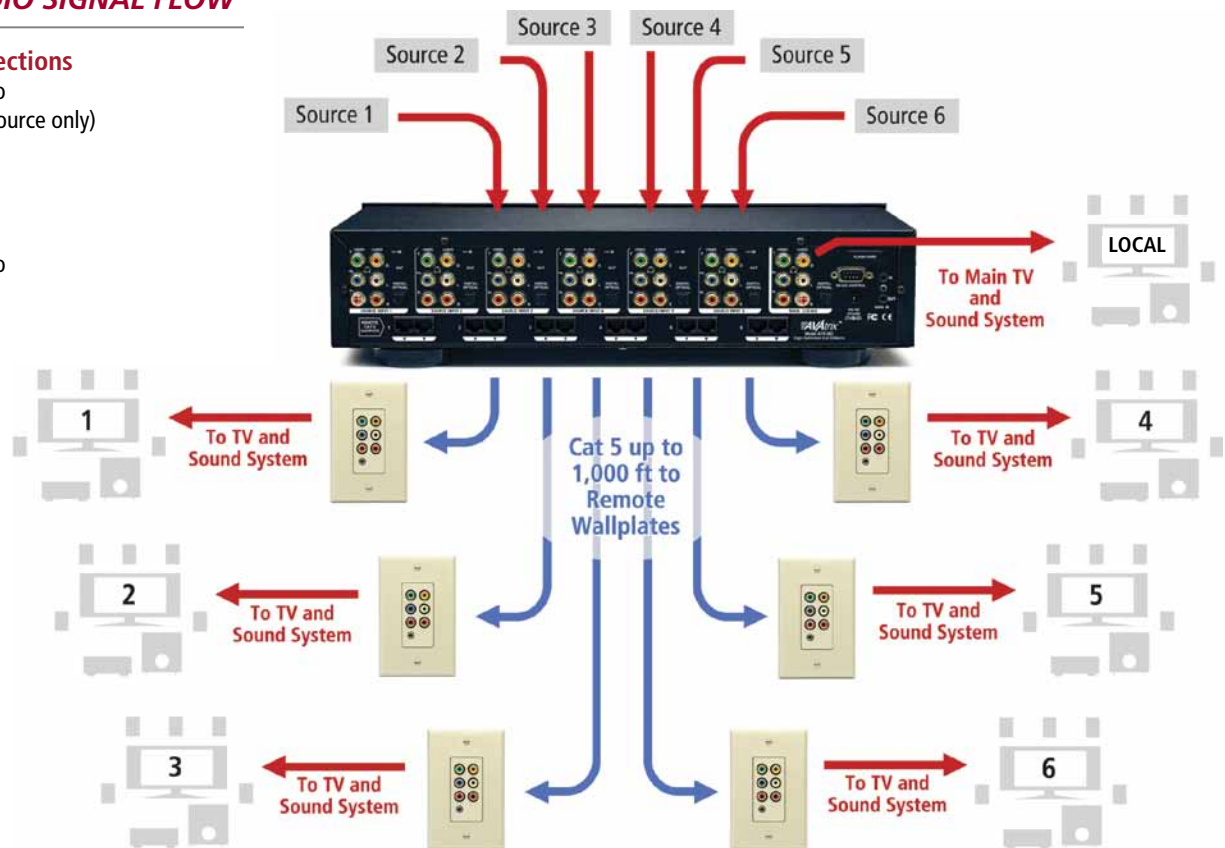
VIDEO AND AUDIO SIGNAL FLOW

Source and TV Connections

- YPbPr component video
- Optical digital audio (source only)
- Coaxial digital audio
- L/R analog audio

Cat 5 Bus

- YPbPr component video
- Coaxial digital audio
- L/R analog audio



SYSTEM DETAILS:

AVM-562 Contents	(1) HD Cat 5 Matrix with IR routing (1) 1105 IR remote control (1) Internal bus cable (with two open ports) (1) 18V DC power adapter (2) Rack ears
Cat 5 Receiver Options (Purchased separately)	9878 dual-gang stainless steel wallplate 9879 single-gang Decora® style wallplate 9880 enclosed breakout box receiver
Inputs / Outputs	YPbPr, digital audio and stereo analog audio
Control Methods	Front panel controls Front panel IR IR input on rear panel RS-232 connection on rear panel IR receivers installed at remote Cat 5 receivers

AVM-562 SPECIFICATIONS:

Video Signal Type:	YPbPr component video	Analog Audio:	Left and right stereo
Video Formats:	480i/p, 540i/p, 720p, 1080i/p	Digital Audio:	Multi-channel digital
Video Input/Output Impedance:	75 ohms	Digital Input/Output	Optical & coaxial in/out
Video Input Ground Isolation:	No	Audio Input Impedance	75 ohms/ 50K ohms
Video Gain:	1	Audio Frequency Response	10-50KHz
Video Gain Accuracy:	2%	Audio S/N Ratio	72dB
Video 3dB Bandwidth:	100MHz	Audio THD & Noise	0.03%
Video Input Coupling	AC	Size (H x W x D):	3.5" x 16.5" x 9.6"
Video S/N Ratio:	61dB	Warranty:	One year, parts and labor
Max Video Gain/Equalization	1	Agency Approvals	FCC, CE

Expand and Extend the AVatrix



Add Remote Zones

The 1176BK HD Cat 5 Matrix Router expands an AVatrix system to allow six additional matrix outputs. Add up to five 1176s to the **AVM-562** to increase the total outputs to 36 remote locations. Connects via internal system bus cable and four jack screws.



Interface with an Audio Distribution System

The 1172BK Audio Interface is a breakout adapter that allows the easy connection of whole-house audio amplifier components. It provides digital and analog audio to independent audio systems with integrated switching or systems with dedicated zone amplifiers. Connects via internal system bus cable and four jack screws.



Bus Cable for Adding More than Two Expanders

The AVatrix has an internal ribbon bus cable that allows for two expanders (802-567). If you plan to add three to five expanders, the seven-port 802-568 bus cable is required.



Send IR Signals to or from the Head End

The 1109 IR Injector allows IR control signals to be sent from a device near the AVatrix out to IR emitters connected to wallplate/receiver jacks. Connections for up to six wallplate/receivers with each pathway operating independently to enable a mix of incoming and outgoing IR signals. Requires no power source.

AVatrix™



**Any Source,
Any Display,
Any Time.**

Audio  Authority®

2048 Mercer Road, Lexington, KY 40511-1071 USA
Phone: 859-233-4599 • Fax: 859-233-4510
Customer Toll-Free USA & Canada: 800-322-8346
www.audioauthority.com

Cat 5 High Definition Wall Plate & Enclosed Audio/Video Receivers

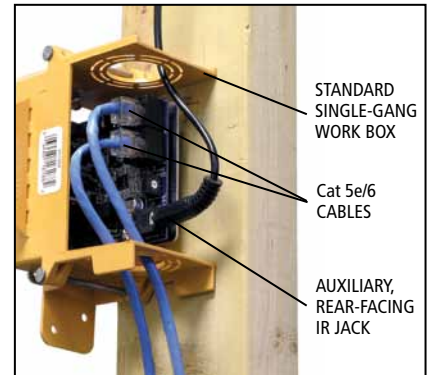
The Models 9878, 9879, & 9880 provide TV connection points for component video, coaxial digital audio, left/right analog audio, and an IR receiver input. Used with a compatible Audio Authority driver, these Cat 5 to HDTV receivers maintain pristine high-definition detail and vibrant color for outstanding audio/video at remote locations up to 1,000 feet away.



9879

9879 Wallplate Single-Gang Receiver

- Includes Decora® style inserts in white, ivory, and almond (Decora trim covers not included)
- Front and rear facing IR jacks for external or in-wall IR connections
- Fits standard U.S. single-gang wall boxes
- Cable length compensation adjustment allows the installer to fine tune image and sound quality over long Cat 5 runs
- Dimensions (H-W-D, inches) 4 x 1.6 x 2.75 (no trim cover)



9880

9880 Enclosed Cat 5 Receiver

- Perfect for wall & ceiling-mounted displays
- Cable connections are parallel to the wall, allowing near-flush mounting for flat panel displays
- Can be mounted on any flat surface, even to the back of a TV when no wall surface is available
- Enclosed design mounts without a work box
- Includes an IR jack
- Dimensions (H-W-D, inches) 1.75 x 3.75 x 3



9878

9878 Wallplate Dual-Gang Receiver

- Durable stainless steel construction
- Shallow 1-inch mounting depth
- Cable length compensation adjustment to maintain image and sound quality over long Cat 5 runs
- Fits in a standard US dual-gang wall box for convenience in installation
- F-connector pass-through jack for convenient antenna connection (requires separate coax cable run)
- Dimensions (H-W-D, inches) 4.75 x 4.75 x 1



Cat 5 Wall Plate & Enclosed Audio/Video Receivers Comparison

Audio Authority's Active Gain Equalization technology (AGE) preserves image detail and color up to 1,000 feet from the source. The cable length compensation adjustment allows the installer to fine tune image quality over long Cat 5 runs. All three Cat 5 receivers are compatible with the Audio Authority AVatrix, SixDrive, DuoDrive, or UniDrive A/V distribution systems. Use any combination of receivers in the same system for the perfect mix of performance and aesthetics.

FEATURES & SPECIFICATIONS:



	9878 Wallplate	9879 Wallplate*	9880 Receiver
Cat 5 Inputs Required	2	2	2
IR Jacks	1	2 (1 front, 1 rear)	1
Single Gang		*	
Dual Gang	•		
Enclosed Cabinet			•
Power Through Cat 5 Bus	•	•	•
Active Gain Equalization	•	•	•
Antenna Pass-through	•		
Component Video In/Out	YPbPr (2/1)	YPbPr (2/1)	YPbPr (2/1)
Video Bandwidth	100MHz	100MHz	100MHz
Analog Audio In/Out (L/R)	•	•	•
Digital Audio	Coaxial	Coaxial	Coaxial
Audio Bandwidth	10-50KHz	10-50KHz	10-50KHz
Video Input Resolution	480i/p, 720p, 1080i/p	480i/p, 720p, 1080i/p	480i/p, 720p, 1080i/p
Video Output Resolution	480i/p, 720p, 1080i/p	480i/p, 720p, 1080i/p	480i/p, 720p, 1080i/p
Warranty	One Year Replacement	One Year Replacement	One Year Replacement
Mounting Depth (inches)	1	2.5	NA
Dimensions (H x W x D)	4.75 x 4.75 x 1	4 x 1.6 x 2.75	1.75 x 3.75 x 3
Weight	.55 pounds	.45 pounds	.55 pounds
Power Supply Type	NA	NA	NA
Power Requirements	100-240 VAC, 50-60Hz	100-240 VAC, 50-60Hz	100-240 VAC, 50-60Hz

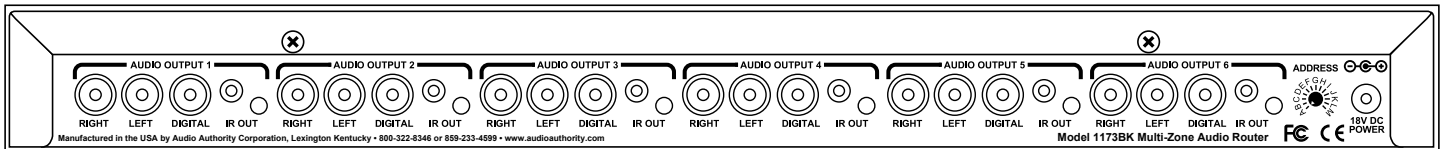
* Model 9879 includes three different inserts (white, almond, and ivory); Decora® style trim cover (shown) is not included.

AVatrix™ Multi-Zone Audio Router with Volume Control



- Audio router interfaces sources connected to the AVatrix™ with any distributed audio system
- Volume control through AVatrix IR or RS-232
- Works with any brand of whole house distributed audio system or zone amplifier
- Provides either dedicated output or source switching with infrared control routing

The 1173BK Multi-Zone Audio Router integrates sources connected to the AVatrix into distributed audio systems. It provides an audio breakout point and volume control for source audio signals to connect to an independent audio distribution system of any brand that accepts stereo analog audio or digital audio. It can be used in two different ways: **Source Mode**, for use with an advanced audio system having its own integrated switching; and **Tracking Mode**, ideal for an audio system employing dedicated amplifiers for each room or zone. (See the interface diagram on the back page to learn more about how these two innovative modes work.) When paired with analog zone amplifiers the 1173BK offers output volume level control, via commands delivered through the AVatrix IR or RS-232 interfaces.



1173BK rear panel

1173BK FEATURES:

- Analog and digital audio outputs
- Individual analog audio volume control at each output via RS-232 or IR
- Infrared remote outputs for IR pathway to control sources or receivers
- Audio signals from sources via the internal AVatrix bus cable
- Tracking mode for audio systems with dedicated zone amplifiers
- Source mode for intelligent audio systems that have integrated switching
- Model 1191 rack ears included
- Multi-port bus cable not included
- All metal construction
- Made proudly in our own US factory

AVatrix™ HD CAT 5 MATRIX WITH 1173BK



The Model 1173BK Audio Router is a companion product to the AVatrix HD Cat 5 Matrix Systems, such as the AVM-562 shown above. The 1173BK provides six audio source outputs to a distributed audio system to enable coordination of each room's audio program with the video program being received on an AVatrix Cat 5 zone receiver. Digital and analog audio signals from the sources are also available at the AVatrix Cat 5 zone receiver outputs.

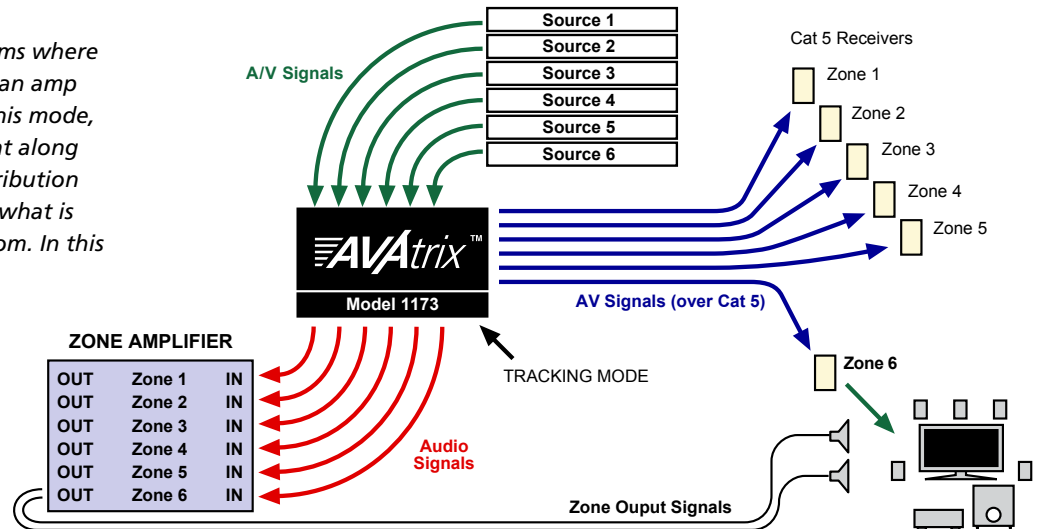
MULTI-ZONE AUDIO ROUTER: HOW IT WORKS

The Model 1173BK supports two modes of operation: Source Mode and Tracking Mode. Both modes allow for infrared communication from the AVatrix Cat 5 receivers in each zone back to a distributed audio system.

Tracking Mode

Tracking Mode is used with audio systems where the audio for each zone is provided by an amp or receiver dedicated to that zone. In this mode, each 1173BK output switches its content along with the AVatrix so that the audio distribution system's output automatically matches what is playing on the video display in each room. In this way, when a video source is routed to the AVatrix Cat 5 receiver, the matching audio is played through the room's speakers.

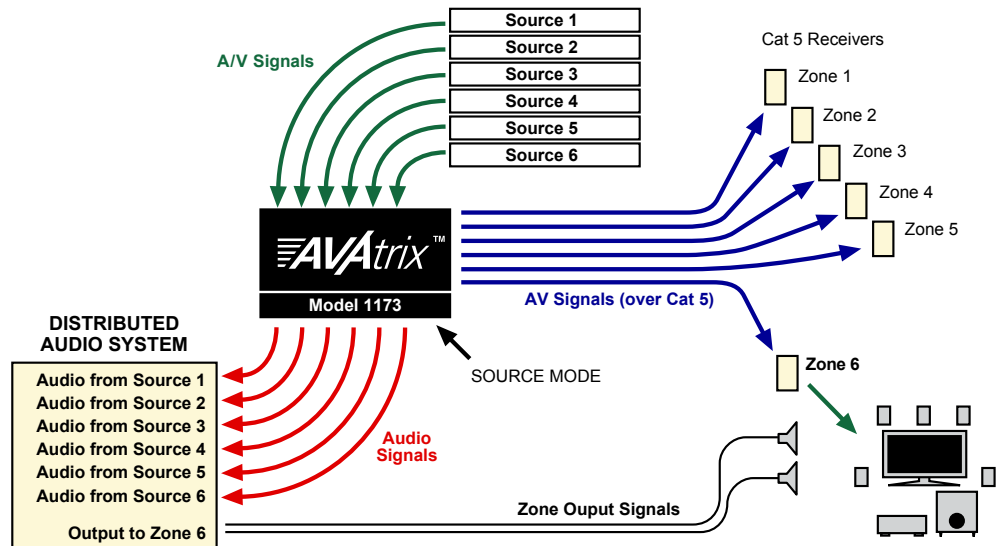
The 1173BK attenuates the volume of its low level analog audio outputs according to IR control signals received from the zones or RS-232 signals received at the head end.



Source Mode

Source Mode simply supplies audio streams from the six A/V sources residing on the AVatrix to a whole-house audio distribution system. In Source Mode, it is the audio distribution system that selects which audio stream is to be sent to each room and also controls the A/V sources resident on the AVatrix.

Volume is usually controlled by the distributed audio system in this mode.



SPECIFICATIONS:

Model Number: 1173BK
Audio Inputs: 6 from AVatrix bus cable
Audio Outputs: 6 stereo analog & digital coaxial
Audio Bandwidth: 10 to 50KHz
Analog Audio Attenuation: 0 to -78 dB

Size (H-W-D, inches): 41.75 x 16.675 x 9
Warranty: One year replacement
Power Requirements: 18V DC power supply
Accessories Included: User manual



HMX-144 Matrix

4x4 HDMI Matrix Switcher

- *HDMI version 1.3 compliant*
- *Supports 1080p, Deep Color, and high bit rate audio*
- *Control via front panel, IR, or RS-232*
- *Rack mount hardware included*

The HMX-144 features full HDMI version 1.3 support, including 1080p video, high bit rate audio, and 30-bit deep color. Controllable via RS-232, IR, and front panel controls, the device can be easily integrated with third party control systems. HDMI connectors are compatible with screw-type locking HDMI cables to ensure a solid connection.

MODEL HMX-144 FEATURES:

- Delivers four HDMI source signals to any of four compatible displays
- Supports deep color: 10 bits per TMDS channel (30 bit, sum of all channels)
- Supports 480i, 480p, 720p, 1080i, 1080p and multiple PC resolutions
- Supports Dolby Digital Plus, Dolby® Digital TrueHD, DTS-HD: Master Audio, and LPCM
- HDMI version 1.3 compliant, HDCP version 1.1 compliant
- IR remote control, RS-232 control, or front panel control
- IR extender and IR remote control included
- Accepts locking HDMI cables



HMX-144 rear view



IR Remote

SPECIFICATIONS:

Video Inputs:	HDMI video (or DVI w/cable adapters) 4x via HDMI Type A connectors*	Control Methods:	Front panel, infrared remote, RS-232
Video Outputs:	HDMI Video (or DVI with cable adapters) 4x via HDMI Type A connectors*	Size:	1.75"x 17.2"x 6.9" (44x438x175mm)
Audio Formats:	HDMI embedded digital audio including Dolby® TrueHD & DTS-HD: Master Audio, Dolby Digital Plus, LPCM	Weight:	(Net) 6.8 lbs (3.1Kgs)
Compliance:	HDMI v1.3, HDCP 1.1, DVI 1.0	Limited Warranty:	1 Year Parts and Labor
Signal Processing:	Compensated, clock phase adjusted	Operating temperature:	+32° to +122° F (0° to +50° C)
Jitter Processing:	Reconstituted signal; jitter free	Operating Humidity:	10% to 90%, Non-condensing
Color Processing:	30 bit (10 bits per TMDS channel)	Storage temperature:	+14° to +140° F (-10° to +60° C)
Data Rate:	2.25Gbps (single link)	Storage Humidity:	10% to 90%, Non-condensing
TMDS Clock Speed:	225MHz	Power Requirement:	External power supply 5V DC
Video Resolutions:	480i - 1080p, VGA - UXGA	Regulatory Approvals:	Matrix unit: FCC, CE, RoHS
Audio Processing:	Dolby, DTS 32-192fs sample, LPCM 7.1/ch	Power Supply Approvals:	UL, CUL, CE, PSE, GS, RoHS
Maximum Cable Length:	Input: 20m (66 ft.) @ 1080p/8 bit Output: 15m (49 ft.) @ 1080p/8 bit	Accessories Included	AC adapter, IR remote, rack mount kit, jack screws, IR extender, User manual

*Jack screws are included to accommodate locking type HDMI connectors.
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HDMI™

Version 1.3 Switcher

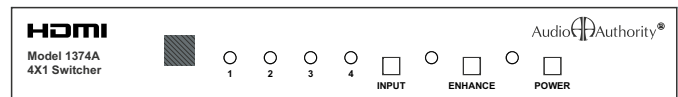
- Expands the HDTV's video input capacity
- Four HDMI inputs to one HDMI output
- High performance chipsets provide industry-best reliability, interoperability, and picture quality



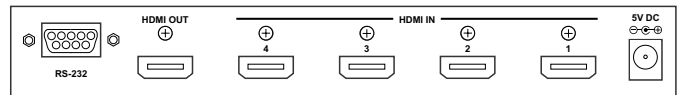
The Model **1374A** is Audio Authority's high performance 4-in, 1-out HDMI™ switcher for home theater and commercial signal distribution systems. The 1374A is designed to switch between multiple sources of high definition HDMI version 1.3 video up to 1080p and embedded HD audio signals to a single display, all delivered to the viewer with their original vividness, brightness, and clarity. Control is conveniently available via the front panel, IR remote (included) or a RS-232 port. The innovative **1374A** switcher is the result of Audio Authority's 30 years of switching system engineering experience ensuring outstanding performance, reliability, and service.

1374A FEATURES:

- Allows switching between 4 HDMI inputs
- HDMI v1.3, HDCP 1.1, and DVI 1.0 compliant
- HDTV resolutions up to 1080p/ PC resolutions up to 1920 x 1200
- Supports embedded high bit rate audio: Dolby® Digital TrueHD, DTS-HD, and LPCM
- Supports 8/10/12 bit color depth display
- IR remote control included
- RS-232 control port
- Accepts HDMI locking cables
- All metal construction



1374A front and rear panels



Audio Authority offers an extensive line of compatible distribution amplifiers, repeaters and switchers for HDMI and DVI signals.

SPECIFICATIONS:

Model Number:	1374A	Compliance:	HDMI v1.3, HDCP v1.1, DVI v1.0
Video Inputs:	4x HDMI via Type A HDMI connector	Signal Enhancement:	Switchable on/off
Video Output Connectors:	1x HDMI via Type A HDMI connector	Size (H x W x D inches):	1.2 x 9 x 3.5
Video Bandwidth:	2.25 Gbps (Single Link)	Weight (net):	1.88 lbs/0.85 kg
Color Depth:	8/10/12 bit color depth display	Warranty:	One Year replacement
Supported PC Resolution:	Up to 1920 x 1200	Regulatory Approvals:	FCC, CE, RoHS
Supported TV Formats:	480i/p, 576i/p/, 720p, 1080i/p	Power Supply Approvals:	UL, CUL, CE, PSE, GS, RoHS
HD-Audio Support:	Includes Dolby® TrueHD & DTS-HD: MA	Accessories Included:	Manual, IR Remote, AC Power Adapter 5VDC@2A

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High Definition Audio/Video Source Selector

- Expands the TV's video input capacity
- Expands the receiver's digital audio capacity
- Automatically selects the active audio input
- Switches component video, analog audio, and digital audio (optical and coaxial)
- Converts optical and coaxial signals automatically

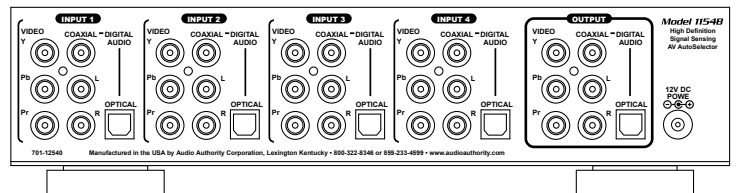
The Model 1154B is Audio Authority's premiere 4-in, 1-out AutoSelect™ switcher for home theater systems. The 1154B is designed to switch high definition component video up to 1080p and audio signals including stereo (analog), digital coaxial, and digital optical audio, all delivered to the viewer with their original vividness, brightness, and clarity. The 1154B includes automatic cross-conversion between digital audio formats, outputting both, and a defeatable AutoSelect logic automatically chooses the active source. Manual control is available via IR remote with discretives (included) or touch-sensitive front panel.

1154B FEATURES:

- Discrete input selection
- Four AV inputs, one AV output
- Connectors grouped by input number for easy hookup
- High bandwidth component video (YPbPr) up to 1080p
- Digital audio (coaxial and optical)
- Automatic digital audio conversion
- Stereo analog audio
- Touch sensitive front panel controls
- IR remote control included
- AutoSelect™ technology
- Manual selection override
- All metal construction
- Made proudly in our own US factory



1154B rear panel



SPECIFICATIONS:

Video Parameters

Video Signal Type:	Component (YPbPr)
Video Resolution Formats:	480i/p, 540i/p, 720p, 1080i/p
Input/Output Impedance:	75 ohms
Input Ground Isolation:	No
Gain:	1
Gain Accuracy:	2%
3dB Bandwidth:	120MHz
Input Coupling:	AC
S/N Ratio:	60dB

Audio Parameters

Digital Input/Output:	Coaxial +Optical In/Out
Input Impedance:	75 ohms/50K ohms
Min Load Impedance:	75 ohms/10K ohms
Multi-channel Digital:	Yes
Frequency Response:	10-50KHz
S/N Ratio:	75dB
THD+Noise:	0.02%
Crosstalk:	-60dB

Agency Approvals:	FCC, CE
DC Input Connector:	5.5 X 2.1mm
DC Input Voltage/Polarity:	12V/Center positive
Max DC Input Current:	100mA
Power Supply:	571-013/571-001
Size (H-W-D, inches):	2.5 x 11 x 6.5
Warranty:	One Year Replacement
Agency Approvals:	FCC, CE
Accessories Included:	IR Remote with batteries



Component Video Switcher with AutoSelect™

- 4 digital inputs switching to 1 digital output
- Handles digital coaxial and optical connections
- Automatically selects the active audio input
- Cross-converts optical and coaxial signals
- Easily switch DVD, game system, cable & satellite

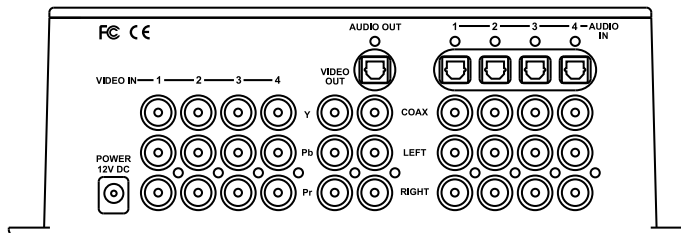
The Model 1154A is a versatile 4-in, 1-out AutoSelect™ switcher for users who want to expand the number of source components available in their home theater system. The 1154A is designed to switch high definition component video up to 1080p and audio signals including stereo (analog), digital coaxial, and digital optical audio, all delivered to the viewer with outstanding realism. The 1154A's exclusive Adaptive Signal Sensing™ technology uses multiple criteria to decide when to switch sources, and adapts to users' activity patterns, customizing its switching behavior over time. It also includes automatic cross-conversion between digital audio formats, outputting both, and a defeatable AutoSelect™ logic that automatically chooses the active source. Control is also available via a toggle button front panel.

1154A FEATURES:

- Four AV inputs, one AV output
- AutoSelect™ technology
- Adaptive Signal Sensing™ technology
- Discrete selectable inputs
- High bandwidth component video (YPbPr) up to 1080p
- Digital audio (coaxial and optical)
- Automatic digital audio conversion
- Stereo analog audio
- Manual selection override via front panel button
- Tough plastic case with mounting flanges
- One year replacement warranty
- Made proudly in our own US factory



1154A rear panel



1154A SPECIFICATIONS:

Video Input Connectors:	Component video (YPbPr): 4
Video Output Connectors:	Component video (YPbPr): 1
Video Bandwidth:	75MHz
Audio Input Connectors:	Stereo analog, digital coaxial & optical
Audio Output Connectors:	Stereo analog, digital coaxial & optical
Audio Bandwidth:	10 - 90KHz

Input/Output Signal Resolutions:	480i/p, 720p, 1080i/p
Input/Output Impedance:	75 ohms
Control Methods:	Toggle switch front panel
Size (H x W x D):	3.25 x 8.5 x 5.5
Warranty:	One year replacement
Power Requirements:	100-240 VAC, 50-60Hz

Audio Authority also offers an extensive line of audio and video switchers, converters, and distribution amps.



Digital Audio Switcher with AutoSelect™

- 4 digital audio inputs, 1 digital audio output
- Supports digital coaxial and optical connections
- Automatically selects the active audio input
- Cross-converts optical and coaxial signals
- Easily switch between CD, DVD, satellite, & cable

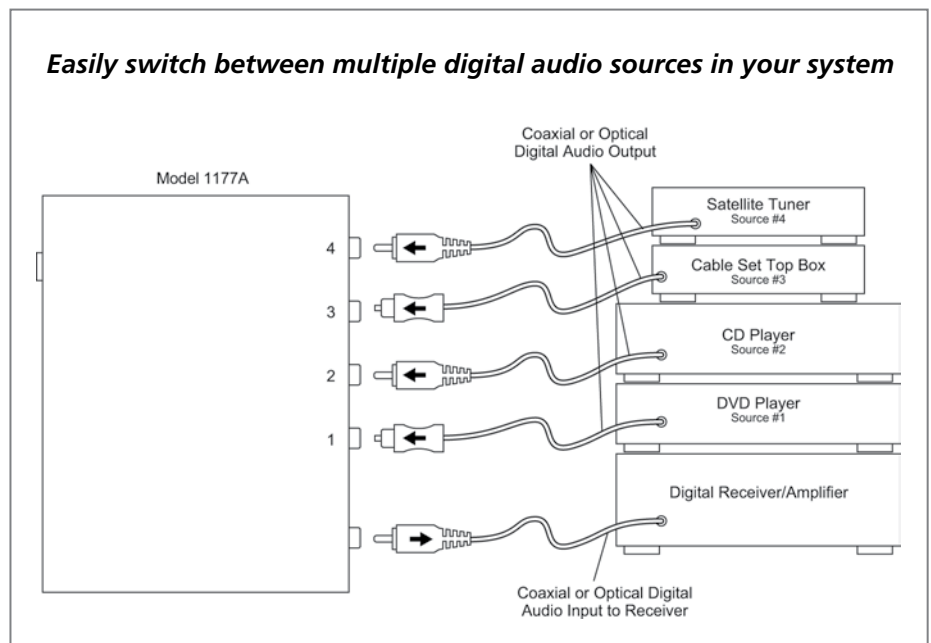
The Model 1177A is Audio Authority's redesigned 4-in, 1-out AutoSelect™ digital audio switcher — the perfect solution when digital audio sources outnumber your system's digital audio inputs. The 1177A switches both digital coaxial and optical audio including automatic cross-conversion between digital audio formats, outputting both simultaneously. Its innovative AutoSelect logic automatically chooses the active source, or the selection can be controlled manually.

1177A FEATURES:

- Four audio inputs, one audio output
- Coaxial and optical digital audio
- Automatic digital audio cross-conversion
- AutoSelect™ technology
- Manual selection override
- All metal construction
- Made proudly in our own US factory



1177A rear panel



SPECIFICATIONS:

Analog/Digital	Digital	DC Input Voltage/Polarity	12V/either polarity
Digital Input/Output Type	Coaxial+optical in/o ut	Max DC Input Current	150mA
Input Impedance	75 ohms	Power Supply	571-013
Min Load Impedance	75 ohms	Size (H-W-D, inches)	2.25 x 5.6 x 4.7
Multi-channel	Yes	Enclosure:	Steel
DC Input Connector	5.5 x 2.1mm	Warranty:	One year replacement



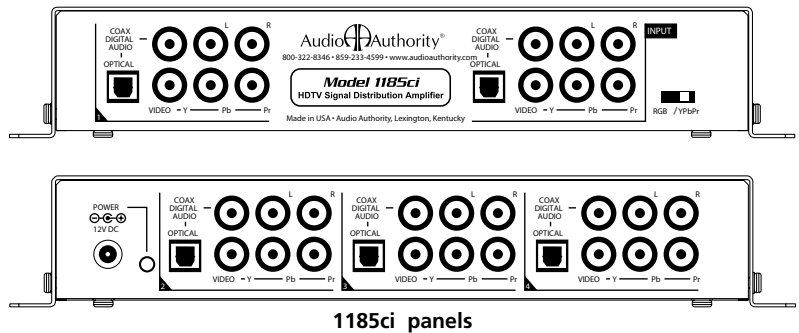
Multi-Mode HDTV Distribution Amplifier

- Distributes audio & video to four locations
- Specifically designed for custom home, business & commercial installations
- Converts digital optical and coaxial signals automatically

The Audio Authority Model 1185ci is a premier, one input/four output audio/video distribution amplifier specifically designed with the needs of custom home and commercial integration in mind. Its high bandwidth component video pathways handle up to 1080p resolution, while also distributing analog audio, digital optical, and digital coaxial audio. The 1185ci includes the most-asked-for features, such as ultra-wide video bandwidth, audio channels that also pass sync for RGBHV displays, and full optical/coaxial support of digital audio with automatic conversion, making it perhaps the most versatile distribution amplifier available today.

1185ci FEATURES:

- One AV input, four AV outputs
- Ultra-high bandwidth
- Supports component video (YPbPr) up to 1080p
- Digital audio (coaxial and optical)
- Automatic digital audio conversion
- Audio channels also pass sync for RGBHV displays
- Stereo analog audio
- Side-looking input/output jacks for extra compact cable routing
- All metal construction
- Made proudly in our own US factory



Model 1185ci Signal Configurations

Component Video	Y	Pb	Pr	Left	Right	Optical	Coax
RGBHV	R	G	B	H	V	Optical	Coax
Component & Composite	Y	Pb	Pr	Left	Right	--	Composite

Jacks used for video

SPECIFICATIONS:

Model Number	1185ci	Audio Parameters		Agency Approvals	CE, FCC, RoHS
Video Parameters		Analog/Digital	Digital/Analog	DC Input Connector	5.5 X 2.1mm
Signal Type	Component/RGBHV	Digital Audio Type	Optical+Coaxial In/Out	DC Input Voltage	12V
Video Formats (analog)	480i/p, 540p, 720p, 1080i/p	Input Impedance	75 ohms/10K ohms	Polarity	Center positive
Input/Output Impedance	75 ohms	Min Load Impedance	75 ohms/10K ohms	Max DC Input Current	200mA
Input Ground Isolation	No	Multi-channel Digital	Yes	Power Supply	571-013
Gain	1	Frequency Response	1.4MHz	Size (H-W-D, inches)	1.75 x 10.5 x 4
Gain Accuracy	1%	S/N Ratio	80dB	Warranty:	One Year Replacement
3dB Bandwidth	120MHz	THD+Noise	0.01%	Agency Approvals:	FCC, CE
Input Coupling	AC/sync tip clamped	Crosstalk	80dB	Accessories Included:	User manual
S/N Ratio	65dB				
Max Gain	1				



Model 1398A

Audio Authority's 1390A Series HDMI distribution amplifiers are perfect for both custom installation and retail showroom applications. Available in two, four, or eight-output configurations, the **1392A**, **1394A**, and **1398A** use the best available HDMI chipsets from Silicon Image to guarantee optimum performance and exceptional reliability.

The 1390A Series is HDMI version 1.3 compliant, and HDCP compliant. Up to six amplifiers can be cascaded between the source and display, allowing distribution networks of up to 127 HDMI devices. Ultra high bandwidth, equalized inputs, and amplified outputs ensure a flawless installation.

Resolutions of 1080p/60 can be transmitted up to 50 feet from the amplifier when high quality cables are utilized – distances up to 130 feet can be attained through the use of the Model 1391A HDMI Extender/DDC corrector.

HIGH RESOLUTION HDMI Z-SERIES CABLES



Audio Authority's Z-Series of HDMI Cables are designed to meet the most stringent and exacting standards of video and audio quality. Designed for exceptional performance with today's next generation high definition sources and displays. Available in lengths from 6 to 50 feet.

HDMI™ v1.3 Distribution Amplifiers

- One HDMI source signal to multiple destinations
- Outputs may be cascaded
- HDMI version 1.3 compliant, HDCP 1.1 compliant
- Accepts most locking HDMI cables
- Compatible with Blu-ray and other HDMI sources



HDMI VERSION 1.3 FEATURES SUPPORTED:

- Supports up to 36 bit color depth /12 bits per color
- 1080p/60, 1080p/24 and PC resolutions up to 1920 x 1200
- Dolby TrueHD and Dolby Digital Plus (bitstream throughput)
- DTS HD and DTS HD: Master Audio (bitstream throughput)
- LPCM Uncompressed Audio (7.1 channels)
- Lip sync compensation

Audio Authority offers an extensive line of compatible distribution amplifiers, repeaters and switches for HDMI and DVI signals.

Model 1398



Model 1394



Model 1392



FEATURES

- Outputs may be cascaded to create an extensive distribution network up to 7 layers deep
- HDMI version 1.3 certified
- Fully HDCP compliant
- May be used with other 1390 Series distribution amps, 1391A extenders and 1370 Series switchers
- Supports HDTV, EDTV, and SDTV resolutions, and PC resolutions up to 1920 x 1200
- Supports automatic discovery of display EDID
- Accepts most locking cables (1394A and 1398A)
- All metal construction

1390 SERIES SPECIFICATIONS

Model Numbers:	1392A, 1394A, 1398A	1392A (H-W-D, inches):	1 x 3.9 x 5.8
Video Inputs:	1x via HDMI connector (Type A)	1394A (H-W-D, inches):	2 x 8.6 x 5.8 (including feet)
1392A Video Output:	2x via HDMI connector (Type A)	1398A (H-W-D, inches):	2 x 19 x 6.3 (including feet)
1394A Video Output:	4x via HDMI connector (Type A)	1392A Weight:	0.7 lbs (300g) net
1398A Video Output:	8x via HDMI connector (Type A)	1394A Weight:	1.88 lbs (0.85kg) net
HDMI Audio Output:	HD-Audio, including Dolby® TrueHD and DTS-HD: Master Audio, Dolby Digital Plus	1398A Weight:	4.4 lbs (2kg) net
Audio Bandwidth:	20Hz to 20 KHz	Operating Temperature:	0° to +50°C (+32° to +122°F)
Data Rate:	2.25Gbps (single link)	Operating Humidity:	10% to 90%, non-condensing
TMDS Clock Speed:	225MHz	Storage Temperature:	0° to +50°C (+32° to +122°F)
Color Depth:	8/10/12 bit color depth	Storage Humidity:	10% to 90%, non-condensing
Supported PC/DVI Resolutions:	Up to 1920x1200	1392A AC Power Adapter:	USA, 5VDC@2.6A
Supported Video Resolutions:	480i/p, 576i/p, 720p, 1080i/p	1394A AC Power Adapter:	USA, 5VDC@2A
Compliance:	HDMI V1.3, HDCP V1.1, DVI V1.0	1398A AC Power Adapter:	USA, 5VDC@5A
Signal Equalization:	Internal	Regulatory Approvals:	Amplifier: FCC, CE, RoHS
Max. Distance, Source to DA:	50' for 1080p/8-bit or 35' for 1080p/12-bit	1394 and 1398 Accessories:	Power Supply: UL, CUL, CE, PSE, GS, RoHS
Max. Distance, DA to Display:	50' for 1080p/8-bit or 30' for 1080p/12-bit	1392 Accessories:	Manual, jack screws for locking cables
Limited Warranty:	1 year parts and labor		Manual

DuoDrive® HDTV Distribution System

- Distribute audio and video to multiple areas of the home over CAT 5 cables
- Single-source/two output distribution, expandable in pairs with additional modules
- Distributes HDTV component video, digital audio, and analog audio.



The Model 9870D DuoDrive™ incorporates the key signal paths necessary for premium home audio and video entertainment systems. Consisting of one 9871 Driver and two 9879 wallplate/receivers, the DuoDrive distributes component video up to a resolution of 1080p, as well as both digital and analog audio, over two inexpensive, easy-to-install CAT 5 cables from a single source to two remote locations. The DuoDrive is easily expandable in increments of two outputs by adding additional 9870Ds. Audio Authority's unique cable length compensation also allows adjustment for the optimal signal strength at any distance up to 1,000 feet from the source, faithfully preserving the signal's original color and detail for maximum enjoyment.

DuoDrive FEATURES:

- One input, two Cat 5 wallplate outputs (wallplates included)
- High bandwidth component video (YPbPr) up to 1080p
- Coaxial digital and stereo analog audio
- Infrared remote jack for IR pathway
- Wallplate powered through Cat 5 cable
- Antenna pass-through jack
- Expandable in increments of two by adding more driver modules
- Provides reliable ground isolation, preventing hum bars and other artifacts associated with ground loops
- Compatible with Audio Authority 9878, 9879, and 9880 receivers

9879 Wallplate/Receiver

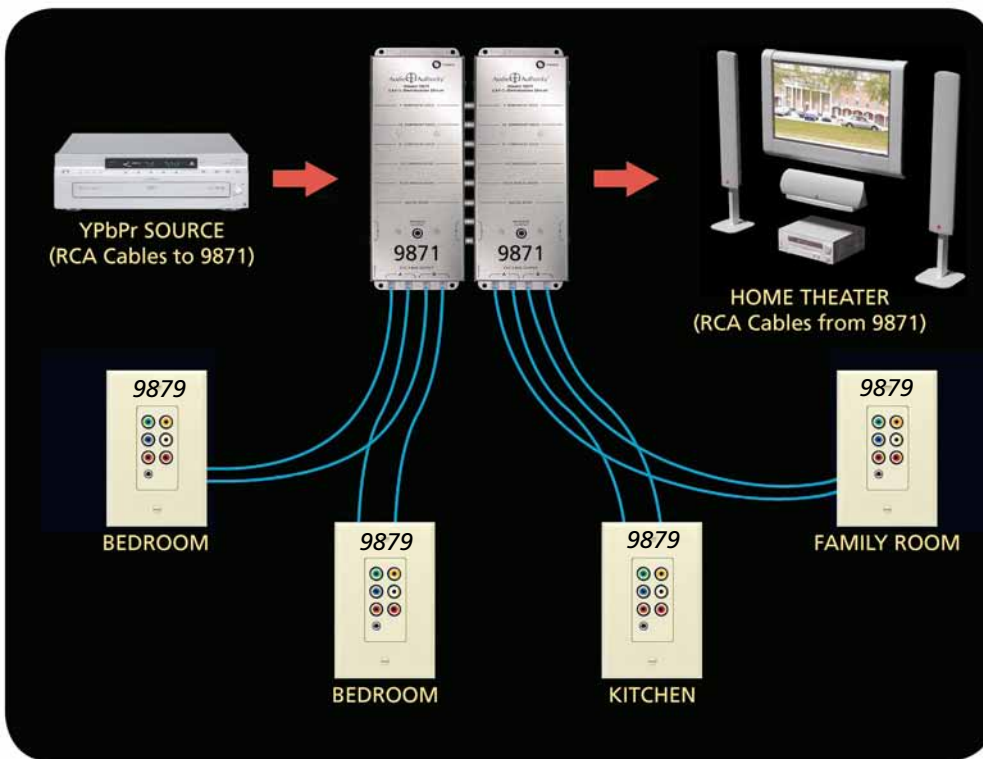


Each of the two Model 9871 Driver outputs works over a pair of inexpensive, easy to install Cat 5 cables. The wall-mountable 9870D system accepts digital and analog audio, and HD component video inputs.

9870D WALLPLATE/RECEIVERS:

The Cat 5 outputs from a Model 9871 driver terminate at 9879 wallplate/receivers, (or 9880 self-enclosed receivers) which provide a remote connection point for an HDTV video and/or audio sound system. The active circuitry in the wallplates is powered through the Cat 5 bus, so no power connection is required at the remote zone. Each receiver can be adjusted to compensate for the cable length up to 1,000 feet. Component video, digital and analog audio signals are carried on two Cat 5 cables to each wallplate/receiver. A control signal pathway for a 3rd party IR remote system is also part of the Cat 5 bus. This pathway allows the desired source to be selected remotely via IR.

DUODRIVE SYSTEM OVERVIEW



The 9870D is comprised of the Model 9871 RCA-to-Cat 5 Driver and the Model 9879 wallplate. These products enable distribution of audio, video and IR control signals on Cat 5 cable runs of up to 1,000 feet. The buffered Cat 5 bus outputs on each 9871 drive one or two 9879 wallplates.

To expand output capacity of the system, connect together an unlimited number of Drivers using an Audio Authority Kit 46. The 9879 offers a wallplate/receiver form factor to fit a standard single-gang electrical box. DC power for each wallplate is supplied through the Cat 5 cable from the 9871's power supply.

In addition to its Cat 5 outputs, the 9871 RCA bus output may be used as a pass-through output for a nearby HDTV and/or home theater.

9878 & 9880 OPTIONAL RECEIVERS

In addition to the two 9879 wallplate/receivers (shown on page one) that come with each 9870D system, Audio Authority offers the option of using the 9878 dual-gang, stainless steel wallplate (left) or the enclosed 9880 receiver (right). The three can be used in any combination with each other.



SPECIFICATIONS:

Model Numbers:	9870D, 9871, 9879	Audio Parameters		Agency Approvals:	FCC, CE
Video Parameters		Analog:	Left/right	DC Input Connector:	5.5 X 2.1mm
Signal Type:	Component video (YPbPr)	Digital Audio Type:	Coaxial	DC Voltage/Polarity:	18V/center positive
Video Formats (Analog):	480i/p, 540i/p, 720p, 1080i/p	Input Impedance:	75 ohms/47.5K ohms	Max DC Input Current:	350mA
I/O Impedance:	75 ohms	Min Load Impedance:	75 ohms/10K ohms	Power Supply:	571-014
Input Ground Isolation:	Yes	Multi-channel Digital:	Yes	9871 Size (H-W-D, inches):	9 x 3.5 x 1
Gain:	1	Frequency Response:	10-50KHz	9879 Size (H-W-D, inches):	4 x 1.6 x 2.75
Gain Accuracy:	3%	S/N Ratio:	55dB	Warranty:	One year replacement
3dB Bandwidth:	120MHz	THD+Noise:	0.10%	Agency Approvals:	FCC, CE
Input Coupling:	AC	Crosstalk:	-70dB	Accessories Included:	User manual
S/N Ratio:	35dB				
Max Gain/Equalization:	40dB equalization				

SixDrive® Cat 5 HDTV Distribution System

- Distributes audio and video to multiple zones over Cat 5 cables
- Single-source with six-output distribution, expandable up to 42 zones
- Delivers HDTV component video, digital audio, and analog audio to Cat 5 wallplates



The Model **AVM-71** SixDrive™ incorporates the key signal paths necessary for premium audio and video distribution systems. Consisting of an **1171 MultiDriver** and six **9879 Wallplate Receivers**, the **AVM-71** system distributes component video at resolutions up to 1080p, as well as both digital and analog audio, over two inexpensive, easy-to-install Cat 5 cables from a single source to each of six outputs. **1170 MultiDriver Expanders** and additional Wallplate receivers can be added to expand system capacity to a maximum of 42 zones. Audio Authority's Active Gain Equalization (AGE) technology and unique cable length compensation allows adjustment for the optimal signal strength at any distance up to 1,000 feet from the source, faithfully preserving the signal's original color and detail.



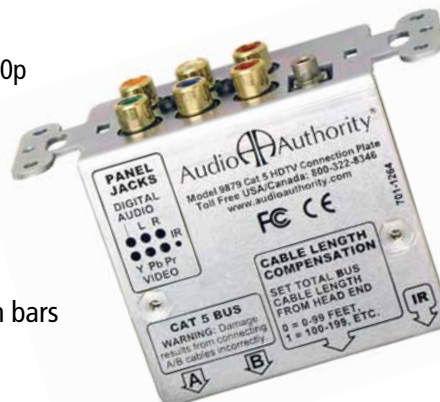
1171 rear panel

1170 rear panel

Expand your system by adding Audio Authority 1170 Cat 5 MultiDriver Expanders to your AVM-71. Each stackable 1170 adds six additional outputs to the single source's signal distribution for up to a maximum of 42 remote locations. Additional Wallplate/Receivers purchased separately.

AVM-71 FEATURES:

- One input, six Cat 5 wallplate outputs (9879 wallplates included)
- High bandwidth component video (YPbPr) up to 1080p
- Coaxial digital and stereo analog audio
- Infrared remote jack for IR pathway
- Wallplate powered through Cat 5 cable
- Rack-mount ears sold separately (Model 1191)
- Expandable in increments of six, up to 42 zones
- Provides reliable ground isolation, preventing hum bars and other artifacts associated with ground loops.
- Compatible with 9878, 9879 and 9880 receivers



9879 CAT 5 RECEIVERS:

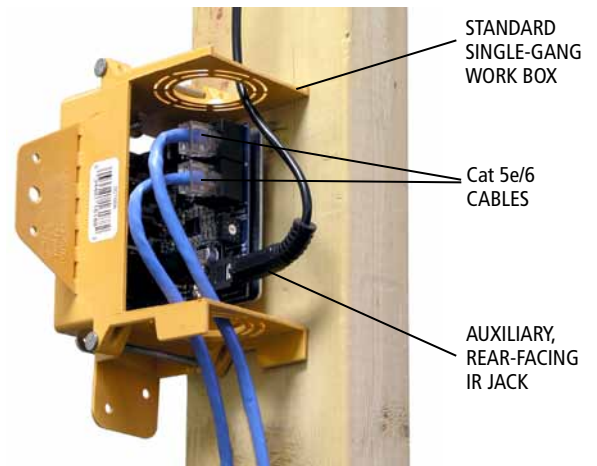
The Cat 5 outputs from Models 1170 and 1171 terminate at 9879 wallplate/receivers which provide a remote connection point for an HDTV video and/or audio sound system. Each wallplate can be adjusted to compensate for the cable length up to 1,000 feet. 9879 wallplates come with three different decora color inserts, and install easily into standard work boxes.

SixDrive® Cat 5 Wallplate/Receivers

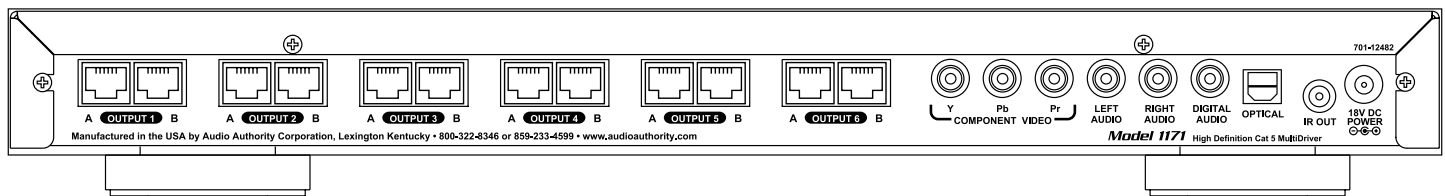
Audio Authority's unique selection of thoughtfully designed Cat 5 receivers are easy to install, and provide all the necessary signal types for HD entertainment systems. Component video, digital and analog audio signals are carried on two Cat 5e/6 cables to each wallplate/receiver. The active circuitry in the wallplates is powered through the Cat 5 bus, so no additional power supplies are needed at the wallplate locations. The Cat 5 bus provides a pathway for a 3rd party IR remote control signals. IR signals from receivers at the zone locations are output on the IR jack on the 1171 rear panel. In addition to the IR jack on the front of the wallplate, the 9879 has a unique auxiliary IR jack on the rear, allowing IR to be easily routed inside the wall.



In addition to the 9879 Decora-style wallplate/receiver (above, center) that comes with the AVM-71 system, Audio Authority offers the option of using the 9878 stainless steel, dual-gang wallplate (left) or the enclosed 9880 receiver (right). The three can be used in any combination with the 1171 and 1170.



9879 wallplate rear panel



AVM-71 MultiDriver rear panel

AVM-71 SPECIFICATIONS:

Model Numbers:	1171 with 9879	Input Signal Resolutions:	480i/p, 540i/p, 720p, 1080i/p
Video Input Connectors:	Component video (YPbPr): x1 RCA	Output Signal Resolutions:	480i/p, 540i/p, 720p, 1080i/p
Video Output Connectors:	Component video (YPbPr) x6 dual Cat 5	Size (H x W x D):	1.75 x 16.675 x 9
Video Bandwidth:	100MHz	Weight (net):	12.25
Audio Input Connectors:	Stereo analog, digital optical & coaxial x1 RCA	Warranty:	One year replacement
Audio Output Connectors:	Stereo analog, digital coaxial x6 dual Cat 5	Power Requirements:	18 volts DC
Audio Bandwidth:	10 - 50KHz	Regulatory Approvals:	FCC, CE
UTP Cable Requirements:	Category 5e/6 with RJ-45 termination	Accessories Included:	User manual, power supply



UniDrive Point to Point HDTV Cat 5 System

- Component video, digital audio, and analog audio
- Pristine HDTV signals up to 1,000 feet from source
- IR remote control signal pathway in Cat 5 bus

The UniDrive delivers HDTV signals from a single source to one remote location up to 1,000 feet away. Unlike passive balun systems, the UniDrive employs Active Gain Equalization (AGE), dramatically extending range and signal integrity. In addition to HDTV audio and video signals, the UniDrive has a 3-conductor pathway for infrared control signals. This pathway can be used for signals traveling in either direction.

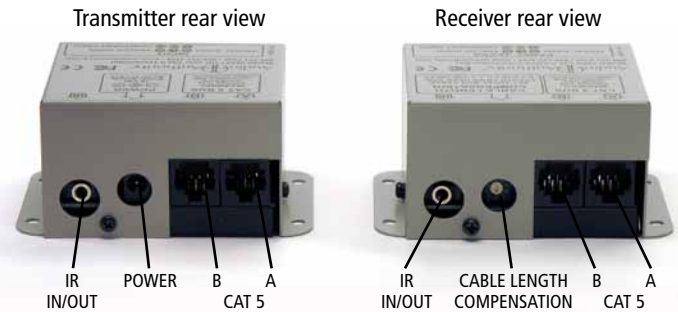
The system includes one Model 9880T Cat 5 Transmitter, and one Model 9880 Cat 5 Receiver. The cable length compensation adjustment on the receiver allows the installer to fine tune image quality over long Cat 5 runs. Only the transmitter requires a power supply; the receiver is powered over the Cat 5 cable.

AVP-11 FEATURES:

- One A/V input, one A/V output
- Audio, video and IR signals carried over two Cat 5 cables
- High bandwidth component video (YPbPr) 1080p
- Digital audio (coaxial) and stereo analog audio
- Active Gain Equalization (AGE) technology
- Cable length compensation adjustment at remote location
- Power supply for transmitter also powers receiver
- Wallplate or enclosed receiver option



Compatible Cat 5 Receivers:
Models 9878 (not shown), 9879 and 9880.



SPECIFICATIONS:

Model Number:	AVP-11 (9880/9880T)	Video Parameters		DC Input Connector:	5.5 X 2.1 mm
Audio Parameters		Video Signal Type:	Component (YPbPr)	DC Input Voltage/Polarity:	18V/Center positive
Analog Audio Input/Output:	Right/Left Stereo	Video Formats (Analog):	480i/p, 540i/p, 720p, 1080i/p	Max DC Input Current:	250mA
Digital Input/Output Type:	Coaxial	Input/Output Impedance:	75 ohms	Transmitter Size (H-W-D, inches):	1.75 x 3.75 x 3
Input Impedance:	75 ohms/100K ohms	Input Ground Isolation:	Yes	Receiver Size (H-W-D, inches):	1.75 x 3.75 x 3
Min Load Impedance:	75 ohms/10K ohms	Gain:	1	Warranty:	One Year Replacement
Multi-channel Digital:	Yes	Gain Accuracy:	2%	Agency Approvals:	FCC, CE
Frequency Response:	10-50KHz	3dB Bandwidth:	120MHz	Accessories Included:	571-014 Power Supply
S/N Ratio:	55dB	Input Coupling:	AC		
THD+Noise:	0.10%	S/N Ratio:	65dB		
Crosstalk:	-70dB	Max Equalization:	40dB		

Single CAT 5 Component Video/Digital Audio Extender Systems

The best solution for extending the transmission of 1080p component video and digital coaxial audio signals in home, office, and restaurant installations. Mix and match transmitters and receivers from the wallplate-style SCP-11D or the box-style SCP-11, or adapt to the AVAtrix.

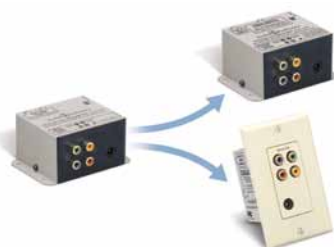


1180T Transmitter

1180R Receiver

SCP-11 FEATURES:

- Perfect HD picture up to 1,000 feet from the source via Audio Authority's unique AGE technology
- High bandwidth for 1080p component video, and coaxial, multi-channel, digital surround audio signals
- 1:1 or 1:2 configurations possible—each transmitter has two Cat 5 receiver outputs
- No power supply required at receiver end (within 700 feet)
- 1180T transmitter also works with wallplate style 1180RD
- Integrate with Audio Authority AVAtrix components using an optional Model 1110 two-to-one Cat 5 adapter
- Dimensions: (H-W-D): 1.75 x 3.75 x 3
- Proudly made in our U.S. factory



1:2 configurations are also possible as each 1180T transmitter has two Cat 5 receiver outputs. Also transmits to wallplate style 1180RD receivers.

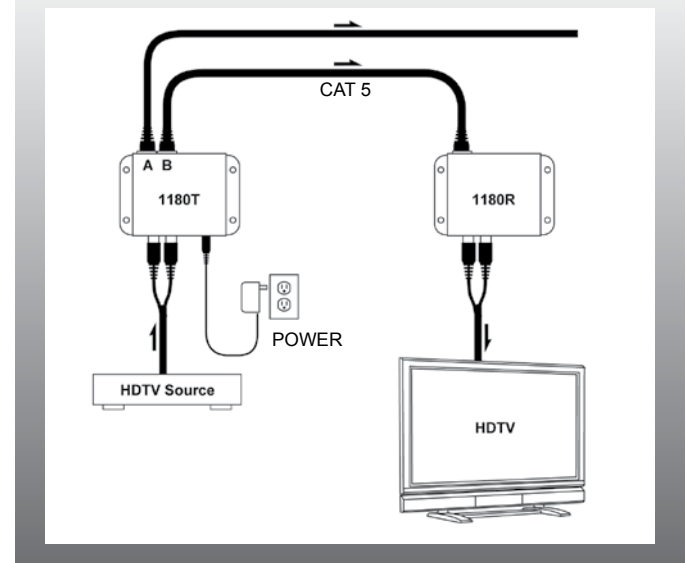
Model SCP-11 Extension System Cat 5 HD signal extender

The Model SCP-11 system extends both component video and digital audio signals from source to display along an easy-to-install Cat 5 cable. The SCP-11 applies Audio Authority's innovative *Active Gain Equalization (AGE)* to preserve image detail and color up to 1,000 feet from the source. Cable length compensation adjustment allows the installer to fine tune image and sound quality over long Cat 5 runs to maintain pristine high-definition detail, vibrant color, and multi-channel, digital audio signals. The enclosed design mounts without a workbox, making it perfect for wall and ceiling-mounted displays.



The 1110 (sold separately) accepts AVAtrix and other two-Cat 5 signals and outputs a single Cat 5 with a separate IR pathway.

Model SCP-11 Example System



Model SCP-11D Wallplate System

Point-to-Point HD signal extender

The Model SCP-11D system extends the transmission of component video and digital audio signals from source to display along an easy-to-install Cat 5 cable. The SCP-11D applies Audio Authority's innovative *Active Gain Equalization* (AGE) to preserve image detail and color up to 1,000 feet from the source.



1180TD Transmitter

1180RD Receiver



1:2 configurations are possible as each 1080T transmitter has two Cat 5 receiver outputs. Also transmits to surface mount style receiver 1180R.

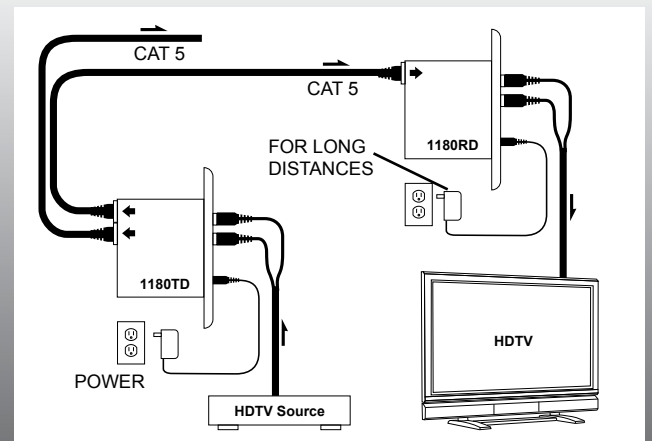
SCP-11D FEATURES:

- Perfect HD picture up to 1,000 feet from the source via Audio Authority's unique AGE technology
- High bandwidth for 1080p component video, and coaxial, multi-channel, digital surround audio signals
- 1:1 or 1:2 configurations possible; each transmitter has two Cat 5 receiver outputs
- Inserts are designed in three Decora colors: Ivory, almond, and white
- No power supply required at receiver end for applications under 700 feet
- 1180TD transmitter also works with surface mount style 1180R receivers
- Integrate with Audio Authority AVAtrix components using an optional Model 1110 two-to-one Cat 5 adapter
- Dimensions: (H-W-D): 4 x 1.6 x 2.75
- Proudly made in our U.S. factory



1110 Adapter

SCP-11D Example System:



SCP-11 AND SCP-11D SPECIFICATIONS:

Video Signal Type:	Component (YPbPr)	Max Gain/Equalization:	40dB equalization	Max DC Input Current:	400mA
Resolutions/Formats :	480i/p, 540i/p, 720p, 1080i/p	Audio Format:	Digital	Warranty:	One year, parts and labor
I/O Impedance:	75 ohms	Digital I/O Type:	Coaxial	Accessories Included:	571-014 power supply
Input Ground Isolation:	Yes	Input Impedance:	75 ohms	Model 1180T Size:	1.75 x 3.75 x 3 (H-W-D, in.)
Gain:	1	Min Load Impedance:	75 ohms	Model 1180R Size:	1.75 x 3.75 x 3 (H-W-D, in.)
Gain Accuracy:	3%	Multi-channel Digital:	Yes	Model 1180TD Size:	4 x 1.6 x 2.75 (w/o cover)
3dB Bandwidth:	120MHz	Agency Approvals:	FCC	Model 1180RD Size:	4 x 1.6 x 2.75 (w/o cover)
Input Coupling:	AC	DC Input Connector:	5.5 X 2.1mm		
S/N Ratio:	35dB	Input Voltage/Polarity:	18V DC/center positive		



HDMI™ 1.3 Compatible Extender with DDC Correction

- Extends HDMI signals up to 130 feet without signal loss
- Unique DDC correction circuit achieves proper display recognition and restores HDCP and EDID information
- External power supply greatly improves reliability over conventional designs that use power from the source component

1391A FEATURES:

- DDC (EDID) correction restores critical HDCP information
- Video resolutions of 480i/p, 576i/p, 720p, 1080i & 1080p
- Compatible with HDMI v1.3
- 1 input, 1 output (HDMI)
- HDCP & RoHS compliant
- All metal construction
- External power supply for maximum reliability



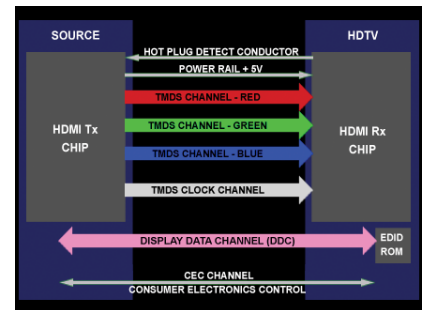
HDMI VERSION 1.3 FEATURES SUPPORTED:

- Deep color support: 720p, 1080i, 1080p/24, 1080p/30
- Dolby TrueHD and Dolby Digital Plus
- DTS HD and DTS HD: Master Audio
- LPCM Uncompressed Audio (7.1 channels)
- Lip sync compensation

SPECIFICATIONS:

Model Number:	1391A
Resolutions Supported:	480i/p, 576i/p, 720p, 1080i/p
Maximum Cable Length:	Input: 40m max, Output 5m max
HDMI Compliance:	Version 1.3 (see feature support)
Input Connection:	1 x HDMI type A
Output Connection:	1 x HDMI type A

The Model 1391A Extender allows HDMI™ 1.3 signals to be transmitted over long runs of up to 130 feet without signal loss or degradation. Its exceptional performance solves the problems of increased capacitance, signal attenuation, and display recognition when long runs of HDMI cables are used. The 1391A features an innovative DDC (Display Data Channel) correction circuit that prevents corruption of the low-speed data bus in an HDMI transmission — one of the major causes of HDCP handshake problems. It also equalizes the high speed video channels to insure the perfect image transmission expected when using HDMI. Many HDMI extenders equalize only the high speed video and clock signals, but Audio Authority's 1391A treats high speed video, clock, and the DDC channel for maximum performance, making it an effective solution for custom A/V integrators.



Two of the 19 discrete conductors are the Display Data Channel (DDC). The 1391A restores DDC in addition to high speed video/clock signals.

Size (H x W x D):	.9 x 1.6 x 2.1 inches
Weight (net):	1.25 lbs
Warranty:	One year parts and labor
Power Requirements:	5 VDC@2A
Regulatory Approvals/Extender:	FCC, CE, RoHS, HDMI
Accessories Included:	Manual, AC power adapter

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Ultra Long-Range HDMI

- Extends HDMI signals up to 450 feet
- Excellent video quality and reliability
- Embedded 2-channel PCM digital audio
- Gain and EQ controls on Receiver for optimal picture quality

The HDP-11 can transmit HDMI signals up to 450 feet over two Cat 5 cables, with support for resolutions up to 1080p/60 and 2-channel PCM audio. The system's ultra-long extension is possible through unique hybrid transmission methods. Cat 5 cable "A" carries the video and audio signals, and cable "B" carries the DDC information, including HDCP communication. When transmitting video signals that are not protected by HDCP, it is possible that only cable A will be required.



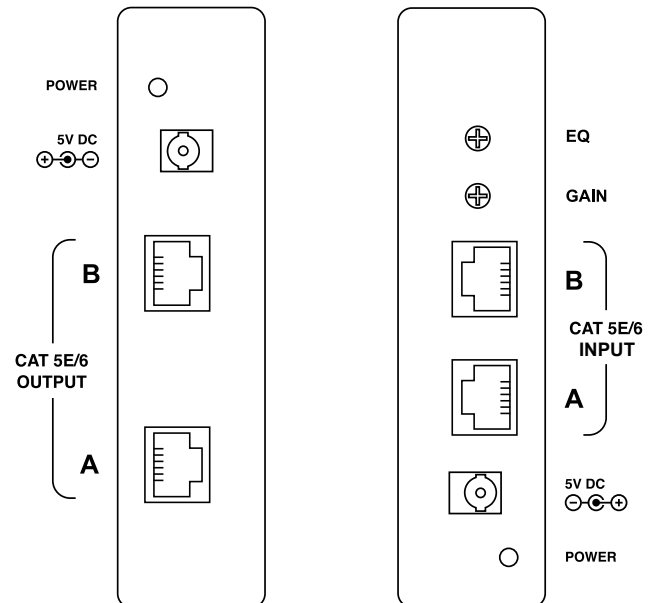
1381T Transmitter



1381R Receiver

MODEL HDP-11 FEATURES:

- Resolutions to 1080p @ 60Hz, 1920x1200
- Normal operation requires two Cat 5, 5e or Cat 6 cables
- Single cable operation is sometimes possible, depending on source
- Maximum distance 450 feet (150 meters)
- Embedded HDMI digital audio (2-channel PCM)
- Compliant with HDMI 1.2, HDCP 1.1 and DVI 1.0 specifications
- Gain and EQ controls on 1381R Receiver optimize digital and analog signals for long distance Cat 5 cable runs
- System includes 1381T Transmitter and 1381R Receiver



1381T Transmitter and 1381R Receiver inputs and outputs (HDMI not shown)

SPECIFICATIONS:

System A/V Input/Output:	HDMI type A connector
System Cat 5e/6 Output/Input:	RJ-45 connector x 2
HDMI Output Resolutions:	480i/p, 576i/p, 720p, 1080i/p
Maximum Resolution:	1080p/60Hz (1920x1200)
Maximum Range:	Approximately 450 ft. (150m)
Standards Compliance:	HDMI v1.2, HDCP 1.1, DVI 1.0
TMDS Clock Speed:	165MHz
Data Bit Rate	1.65Gbps
Digital Audio:	2-channel PCM audio
Cable Requirements:	Cat 5e or Cat 6 UTP
Operating Temperature:	0° to +50° C (+32° to +122° F)

Operating Humidity:	10% to 90%, Non-condensing
Storage Temperature:	-10° to +70° C (12° to +158° F)
Storage Humidity:	10% to 90%, Non-condensing
Size, Each Unit (H-W-D, inches):	1.2 x 4.85 x 5 (30x124x128mm)
Weight (Net):	Each unit: 1.54 lb (700g)
Limited Warranty:	1 year replacement
External Power Supply:	5VDC@2A
Regulatory Approvals:	FCC, CE, RoHS
Power Supply Approvals:	UL, CUL, CE, PSE, GS, RoHS
Accessories Included:	Manual, AC adapter



HDMI Over Coax Extender

HDMI via four or five coax cables

Extend HDMI™ signals over coaxial cable without degradation with Audio Authority's **Model HCX-11**. The **HCX-11** is a two unit transmitter/receiver system designed to provide HDMI v1.3 signal transmission to remote locations over four coaxial cables, with power for the receiver from the transmitter unit via the fifth cable. For long distances, a power supply may be connected to the receiver. Use existing bundled coaxial cable to extend 1080p digital video and lossless audio up to 330 feet from the source. Perfect for applications where long distribution distances are required or coax is pre-installed. Supports high bitrate audio such as Dolby TrueHD and DTS:HD Master Audio, and 36-bit deep color video.

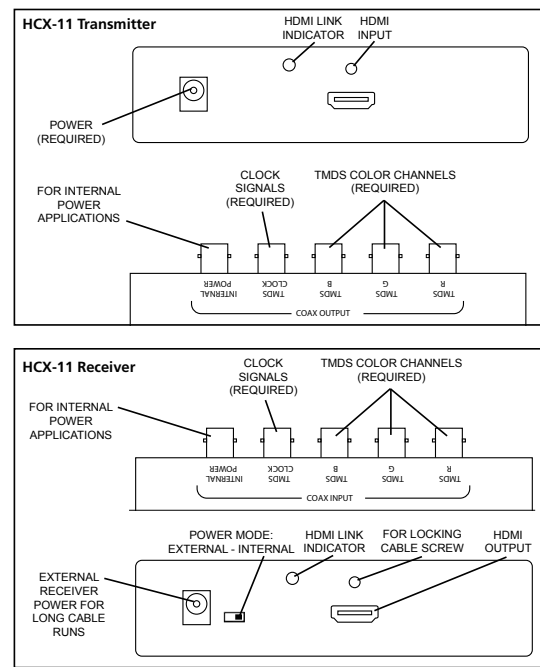
HCX-11 FEATURES:

- Faithfully extends HDMI v1.3 signals over coaxial cable
- Compatible with HDTV signals from 480i through 1080p
- 1080p/24 bit color up to 330 ft, 1080p/36 bit to 245 ft
- Industry-leading Gennum ActiveConnect chipset
- Supports Dolby TrueHD, DTS:HD Master Audio, and LPCM high bitrate audio
- Receiver module can be powered from the transmitter module
- Only four coaxial cables are required when receiver is powered with its own external power supply (included)
- Use high quality RG6 or RG59 with BNC terminations
- Dimensions (HxWxD) : 1.2 x 4.9 x 4.33 inches (each unit)

SPECIFICATIONS:

RG-6 Tx Output, Rx Input:	(5) via BNC
Internal Power:	12VDC via (1) coax cable (up to 150 ft)
Compliance:	HDMI v1.3, HDCP 1.1, DVI 1.1
Data Rate:	2.25Gbps
TMDS Clock Speed:	225MHz
Maximum Resolution:	1920x1200, 1080p/60Hz, VGA to WUXGA
Color Space:	RGB 24~36, Y444 24~36, Y422 16~24
Deep Color:	1080p with 36* bit color
Audio Supported:	PCM2, PCM 5.1, PCM 7.1, Dolby 5.1, DD+, Dolby Digital TruHD, DTS-HD
Maximum Range (RG-6):	1080p, 24* bit color: 325 ft
Operating Temperature:	+32° to +122° F (0° to +50° C)
Operating Humidity:	10% to 90%, non-condensing
Storage Temperature:	12° to +158° F (-10° to +70° C)
Storage Humidity:	10% to 90%, non-condensing
Limited Warranty:	1 year parts and labor
Regulatory Approvals:	Tx and Rx units: FCC, CE, RoHS Power supply: UL, CUL, CE, PSE, GS, RoHS
Cable Requirements:	High quality, 75 ohm RG-6 or RG-59 cables
Dimensions (H-W-D):	1.2 x 4.9 x 4.33 inches (30x125x110mm)
Weight (Transmitter):	0.59 lbs (270g)
Weight (Receiver):	0.59 lbs (270g)
Power Requirement:	External supply, 12VDC@1A
Accessories Included:	(2) power supplies, user manual

Model HCX-11 inputs and outputs



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PC/HD Scaler with Advanced Video Processing



Perfect for boardroom, classroom, or home applications – no software required

The **Model 1366** multi-function scaler is the most practical VGA to component video scaler available, offering vital video processing features such as overscan control and image centering, eliminating the need for complex third party video software on the source computer. The **1366** is ideal for board room or classroom applications where different computers may be used with one HDTV display, as well as for the home environment.

Most scalers convert resolution and refresh rate, but don't correct overscan errors, so a large portion of a computer image can be lost outside the range of the display. The **1366** solves this problem by adjusting image size to correct unwanted overscan.

1366 FEATURES:

- Quickly adapts any analog PC video output to the exact requirements of any component video display
- Offers overscan, aspect ratio, and other scaling adjustments
- Includes OSD user interface (On Screen Display)
- Controls for contrast, brightness, hue, saturation, sharpness, and RGB levels for output signals
- Passthrough output preserves the source's original video format and resolution
- Locking power connector ensures system stability
- Scales 480i to 1080p or 640x480 to 1920x1200
- Non-volatile memory preserves settings when power is lost

Model 1366 input/output/controls



The 1366 can convert either VGA to component, component to RGB, VGA to VGA, or component to component, while preserving the original signal via the bypass jack.

SPECIFICATIONS:

I/O Signal Levels:	RGBHV @ 0.7V p-p; 75, H&V Sync @ 3-5V p-p, TTL Y @ 1V p-p; 75. Pb, B-Y, Pr, R-Y @ 0.7V p-p, 75	Video Adjustments:	Brightness, contrast, color, saturation, sharpness, R-G-B levels, aspect ratio
I/O Connectors:	HD15 female, (1) input, (1) bypass output, (1) output Side panel buttons	Size (H x W x D):	0.98 x 4.16 x 6.18 inches (25x105x102mm)
Controls:	OSD (On Screen Display)	Weight (net):	0.73lbs (332g)
		Warranty:	One year parts and labor
		Power Source:	100-240 VAC to 5VDC adapter



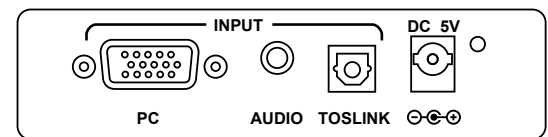
VGA to HDMI Converter/Scaler

- Connects a computer video output to an HDMI input on a high definition video display
- Ideal for converting laptop VGA outputs to HDMI for boardroom/classroom presentations
- Overscan and aspect ratio adjustments
- No third party computer software required

This ultra compact, high performance scaler is ideal for connecting computer VGA video output signals to HDMI inputs on video displays. Computer video has fundamental differences from the video on HDTV displays, so a specialized converter is required that can translate the color space, match the refresh rate and scale the resolution with correct overscan. Other devices designed to perform this task require special third party software to be installed on the computer and carefully adjusted. The 1385 offers a turn-key solution allowing all necessary adjustments to be performed through the 1385's simple user interface, resulting in quick compatibility with excellent video quality.

MODEL 1385 FEATURES:

- Automatically detects the video display's native resolution
- Converts colorspace, resolution, refresh rate, and overscan – no special software must be installed on the source computer
- Simple on-screen display (OSD) user interface
- Video adjustments include overscan, contrast, brightness, hue, sharpness, saturation, RGB levels, and aspect ratio
- Separate digital and analog audio inputs and outputs
- PC input resolutions include most common computer resolutions from VGA to WUXGA and refresh rates from 60Hz to 85Hz
- HDMI output resolutions include 720p and 1080i/p @ 50Hz or 60Hz



1385 inputs



1385 outputs and user interface controls

SPECIFICATIONS:

PC Video Input:	HD-15 connector (VGA)	Size (H-W-D, inches):	1 x 4 x 5.7 (25x102x145mm)
HDMI TV Output:	HDMI type A connector	Weight (Net):	340g (12oz)
Standards Compliance:	HDMI v1.2, HDCP 1.1, DVI 1.0	Limited Warranty:	1 year replacement
PC/RGBHV Input Resolutions:	VGA through WUXGA	Operating Temperature:	0° to +50°C (+32° to +122°F)
HDMI Output Resolutions:	480i/p, 576i/p, 720p, 1080i/p	Operating Humidity:	10% to 90%, non-condensing
Analog Stereo Input:	3.5mm mini-stereo connector	Storage Temperature	-10° to +60° C (+14° to +140° F)
Analog Stereo Output:	3.5mm mini-stereo connector	Storage Humidity	10% to 90%, non-condensing
Digital Input:	SPDIF via Toslink connector	External Power Supply:	5VDC@2A
Digital Output:	SPDIF via Toslink connector	Regulatory Approvals:	FCC, CE, RoHS
Analog Stereo Input Level:	2Vrms max @ 47KΩ	Power Supply Approvals:	UL, CUL, CE, PSE, GS, RoHS
Analog Stereo Output Level:	Unity @ 47KΩ	Accessories Included:	User manual, AC power adapter
Toslink Input/Output Level:	Standard Toslink level		
Analog Stereo Bandwidth:	20Hz to 20 KHz		

Video Down-Converters — solutions for mixed signal distribution systems



Model 1361: HD Component/RGB to Composite/S-Video

To distribute the same signal to TVs with HD component inputs as well as TVs with composite or S-Video inputs, a quality down-converter is required. The **Model 1361** converts an HD component or PC video signal to standard analog NTSC or PAL video. Output is either composite and S-Video or standard definition component (YCbCr) format, with a simultaneous HD pass-thru. The **Model 1361** settings are controlled via front panel push-button, an IR remote or an RS-232 interface and its over-scan feature allows you to fill the entire video screen.



The 1361 is perfect for interfacing HD and SD signals from an Audio Authority AVAtrix system into a standard-definition TV.

1361 FEATURES:

- Switchable PC or HDTV Inputs
- NTSC or PAL Outputs, Composite, S-Video or Component
- Supports PC Inputs up to UXGA (1600x1200@60Hz)
- Supports HDTV inputs up to 1080i
- Loop thru inputs - Both PC and HDTV
- Adjustable image scaling: Pan, Position and Zoom
- Aspect Ratio adjustment
- Remote Control with On Screen Display



Model 1360: HD Component to Composite/S-Video

The **Model 1360** Component Downconverter is a compact, specialized scaler that converts HD component signals to 480i composite or S-video, with a passthrough. Commonly used for integrating legacy televisions into HD distribution systems, or feeding an RF modulator, the 1360 provides a lower price point than the 1361 for specialized applications that don't require the 1361's wider range of functionality. Easy to install and simple to operate, the **1360's** small, palm-sized footprint makes it the ideal solution to seamlessly integrate standard definition signals with HD signals in home, commercial, or showroom applications.

The 1360 is simplest, most economical way to integrate standard definition TV into a high-definition video distribution network.

1360 FEATURES:

- Automatically down converts incoming HDTV images to NTSC or PAL
- Supports input resolutions from 480p to 1080p
- Scales HDTV video to Composite/S-Video
- Supports both NTSC/PAL Television Standards
- Provision for Image Overscan and Underscan

Video Down-Converters

MODEL 1361



MODEL 1360



Video Input Connectors HDTV Component (YPbPr) Three RCA female (loops to output) PC One HD-15 female (loops to output)		Video Input Connectors Composite Three RCA female	
Video Output Connectors Composite One RCA female S-Video 4-pin Mini-DIN female Component (YPbPr) Three RCA female		Video Output Connectors Composite One RCA female S-Video 4-pin Mini-DIN female Component (YPbPr) Three RCA female	
Input Signal HDTV Resolution Supported 480i/p, 576i/p, 720p, 1080i PC Resolution Supported VGA, SVGA, XGA, SXGA, UXGA		Input Signal Input Format YPbPr HDTV component video Input Signal Modes 480p through 1080p 5 volt TTL	
Output Signal Composite/S-Video NTSC or PAL, interlaced Component YCbCr		Output Signal Output Format S-Video (SV) or composite video (CV) Output Signal Modes NTSC or PAL standard	
Control Methods Local Push buttons on unit + OSD Remote IR remote control w/OSD + RS-232		Control Methods Local Auto HDTV resolution sense, NTSC/PAL select Adjustments NTSC/PAL selection, overscan, underscan	
Mechanical Size (H-W-D) 2" x 8" x 6" (50 x 204 x 155mm) Weight (Net) 2.2 lbs. (1kg)		Mechanical Size (H-W-D) .98" x 4.1" x 4" (25 x 105 x 102.6mm) Weight (Net) .51 lbs. (230 g)	
Warranty Limited Warranty 1 Year Parts and Labor		Warranty Limited Warranty 1 Year Parts and Labor	
Power Requirement External Power Supply 5 VDC @ 2A		Power Requirement External Power Supply 100-240 VAC to 5VDC adapter	
Regulatory Approvals 1361 FCC, CE Power Supply UL, CE, CSA		Regulatory Approvals 1360 FCC, CE Power Supply UL, CE, CSA	
Accessories Included Power adapter, HD-15 to HD-15 VGA cable, 3-RCA to 3-RCA cable, RCA to RCA component cable, S-Video cable, IR remote control, Application Software CD		Accessories Included Power adapter	

Audio Authority also offers an extensive line of audio and video switchers, converters, and distribution amps. All units are FCC, and CE approved, and all power supplies are UL, CE and CSA approved. **Proudly made in our U.S. factory.**

Composite to Component Video Upconverter



Convert standard definition signals to HD for component video distribution systems

The **Model 1362** can be used to allow security cameras, VCRs, iPods, and other standard definition sources to be displayed on HDTVs connected to a component video distribution network. It converts a standard, analog, NTSC or PAL video signal to high definition formats. Input may be either composite, S-Video, standard definition component (YCbCr), or RGB format. Output may be YPbPr or RGBHV.

Simply connect a source and display, then select the easy-to-use onscreen menus for setup and adjustments.



1362 FEATURES:

- Adapts any standard definition source to HD or PC formats
- Composite video, S-Video or YCbCr* inputs
- YPbPr or RGB output resolutions from 480p to 1080p
- PC resolutions (RGB) to 1280x1024
- 32Mb frame memory
- Integral picture adjustments
- OSD interface (On Screen Display) for setup and adjustment
- Locking power connector ensures system stability
- Includes HD-15 adapter cable for component video output

Model 1362 input/output/controls



Standard definition inputs



HD output (HD-15 connector) and adjustment controls

Includes 3-RCA to Mini-din and HD-15 to 3-RCA adapters



SPECIFICATIONS:

Composite Input:	One RCA female	Size (H-W-D):	1.2" x 5.25" x 3" (30 x 133 x 76mm)
S-Video Input:	4-pin Mini-DIN female	Weight (Net):	.62 lbs. (280 g)
YUV (YcbCr) Input:	8-pin Mini-DIN w/breakout cable	Limited Warranty:	1 year parts and labor
HDTV/PC Output:	HD-15	External Power Supply:	5 VDC @ 2A
Input Signal Formats:	Composite Video, S-Video, YUV (Y,R-Y,B-Y)	Regulatory Approvals:	Model 1362: FCC, CE
Input Signal Levels:	One HD-15 female (loops to output)	Regulatory Approvals:	Power Supply: UL, CE, CSA
Output Signal Formats:	RGBHV, YPbPr	Accessories Included:	Power adapter
Output Signal Levels:	RGB @ 0.7V p-p, 75Ω. H&V Sync @ 3-5V p-p, TTL		8 pin Mini DIN to 3 RCA cable
Control Method:	Panel Buttons		HD-15 to 3 RCA cable
Adjustments:	Brightness, Contrast, Color, Tint, Sharpness, H&V Peaking		User manual

Digital Audio Converters

When audio components cannot be connected digitally to one another because the manufacturers use different input/output formats (TosLink™/optical or coax), Audio Authority's **Model 977 Series** solves the problem. By allowing you to convert even the highest bit rate digital signals from coax to optical or vice versa, Audio Authority's digital audio converters provide maximum fidelity and compatability.



977T coaxial input



Model 977RPO

Digital Optical to Digital Coaxial Converter

The **977R** (Receiver) converts the optical audio output of a digital source (DVD player or satellite receiver) to coax for connection to Dolby Digital® or DTS® receivers.

977RPO FEATURES & SPECIFICATIONS:

- Reliably converts digital audio from optical to coaxial format
- Digital optical in/ digital coaxial out
- Supports multichannel audio
- Minimum load impedance: 75 ohms
- Dimensions (H x W x D): 1.5 x 2.1 x 2.1 inches
- Power pack and optical cable included



Model 977TPO

Digital Coaxial to Digital Optical Converter

The **977T** (Transmitter) converts the coaxial audio output of a digital source to an optical signal.

977TPO FEATURES & SPECIFICATIONS:

- Reliably converts digital audio from coaxial to optical format
- Digital coaxial in/ digital optical out
- Supports multichannel audio
- Input impedance: 75 ohms
- Dimensions (H x W x D): 1.5 x 2.1 x 2.1 inches
- Power pack and optical cable included



Audio Authority also offers an extensive line of audio and video switches, converters, and distribution amps. All units are FCC, and CE approved, and all power supplies are UL, CE and CSA approved.



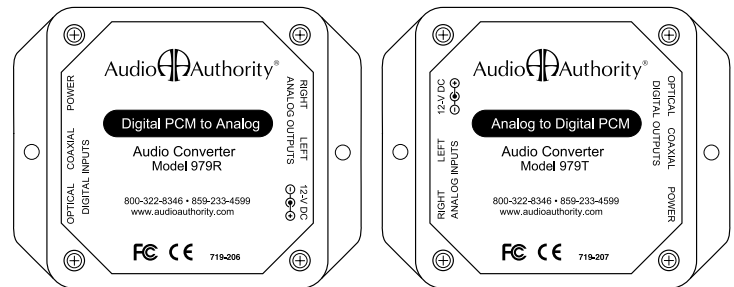
Digital Audio Converters

- Model 979R converts digital PCM to analog audio accepting 44.1 to 192KHz sampling rates
- Model 979T converts analog audio to digital PCM outputting 48KHz or optional 96KHz sampling rates
- Perfect for interconnecting mismatched signal audio components including TVs and legacy A/V sources

The Models **979R** and **979T** provide seamless digital/analog audio conversion between your system's audio components. Housed in a compact, mountable enclosure, the **979R** converts digital audio to stereo analog signals and the **979T** converts stereo analog signals to PCM audio, offering the perfect solution for interconnecting mismatched audio signals. Used together, the converters form an effective method of transmitting two audio channels where only one coaxial cable is available. Their high bandwidth circuitry and use of premium parts ensure accurate and realistic sonic reproduction for the highest fidelity in audio systems.

979R & 979T FEATURES:

- High bandwidth circuitry for accurate, realistic reproduction
- 979R accepts either coaxial or optical PCM inputs
- 979T delivers both coaxial and optical output simultaneously
- Nominal digital audio signal is 0.5 volt at 75 ohms
- Nominal analog level is 1 volt RMS
- Compact-sized, mountable enclosure
- Made proudly in our own US factory



SPECIFICATIONS:

Model Number:	979R
Analog/Digital:	D to A Converter
Digital Input Type:	Coaxial & Optical
Input Impedance:	75 ohms
Minimum Load Impedance:	10K ohms
Multi-channel:	No (2.0 channel PCM only)
Frequency Response:	48 - 192KHz sample rate
Regulatory Approvals:	FCC, CE
DC Input Connector:	5.5 x 2.1 mm
DC Input Voltage/Polarity	12V /Center positive
Max DC Input Current	75mA
Power Supply	571-013
Size (H x W x D):	1.33 x 3.36 x 4.25 inches
Warranty:	1 year replacement

Model Number:	979T
Analog/Digital:	A to D Converter
Digital Output Type:	Coaxial & Optical
Input Impedance:	47.5K ohms
Minimum Load Impedance:	75 ohms
Multi-channel:	No (2.0 channel PCM only)
Frequency Response:	48 - 192KHz sample rate
Regulatory Approvals:	FCC, CE
DC Input Connector:	5.5 x 2.1 mm
DC Input Voltage/Polarity	12V /Center positive
Max DC Input Current	75mA
Power Supply	571-013
Size (H x W x D):	1.33 x 3.36 x 4.25 inches
Warranty:	1 year replacement



Model C-1071

BlueBeam

IR to Bluetooth Converter

- Integrates the Sony PlayStation 3 into IR control systems
- Physical connection to the PlayStation 3 not necessary
- Two AA batteries included
- Advanced programming and macros via PC application

The C-1071 "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, including Logitech Harmony and Universal Remote Control remotes.

Enables all PlayStation 3 remote commands, including off/on. Powered via two AA batteries (included), USB, or optional power supply (not included). Requires no physical connection to PS3. Works with almost any programmable remote.

MODEL C-1071 FEATURES:

- Allows full control of DVD/Blu-ray playback and power on/off
- Works with almost any programmable remote control
- Use the built-in infrared optical receiver or wired input*
- Innovative case design for small footprint and easy battery change
- PC software enables custom settings via a USB interface
- Configurable IR device code avoids conflicts with other Sony DVD players
- Firmware upgrade capable including Bluetooth upgrades
- Automatic low-power mode for extended battery life
- Low battery indicator
- Senses PS3 power on and off via USB connection
- Activity indicator for user feedback
- Custom macro capability for power off, etc.



C-1071 rear view

The installation guide focuses on the Logitech Harmony remote, but other learning remotes or home control systems may be used. CCF files are available for other remotes at www.audioauthority.com/page/software.

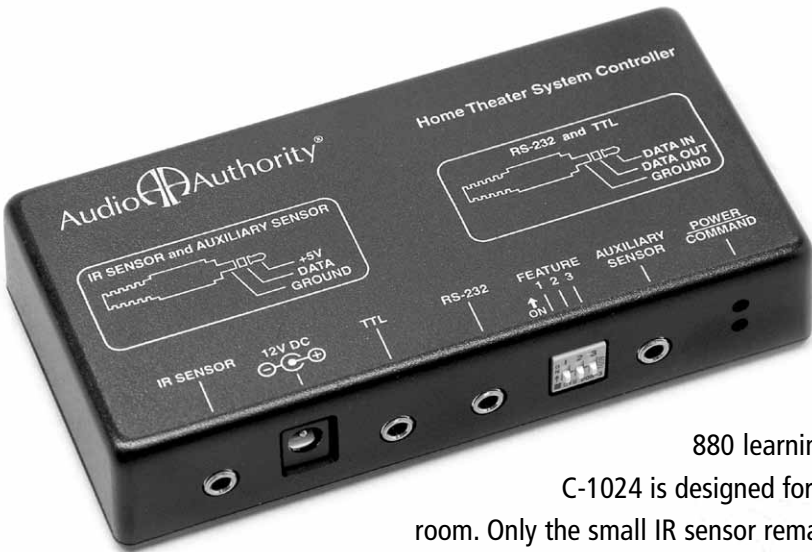
SPECIFICATIONS:

Dimensions	3.3x1.8x1.3 inch (85x45x34mm)	Batteries	2 x AA alkaline (LR6) standard batteries
Weight	Unit: 1.87oz (53g), Gross: 4.28oz (121g)	Expected Battery Life	6-12 months**
Temperature Range	32° - 113° F (0° - 45° C)	System Requirements for PC Software	Windows 2000, Windows XP, Windows Vista (32 and 64bit) or later
Relative Humidity	15% - 95% Non condensing		Min. 2MB free hard disk space
Placement	Within 30 ft of PS3 (not in direct sunlight)		Min. 32MB free memory
Optional DC Power Supply	9-12VDC, min. 100mA (Part# 571-013)	Accessories Included	Min. 1 free USB 1.1 or 2.0 port
			Two AA batteries and user manual

* Call Audio Authority for special requirements.

** Expected battery lifetime is approximate. Actual battery life depends on battery type, model, usage scenarios etc.

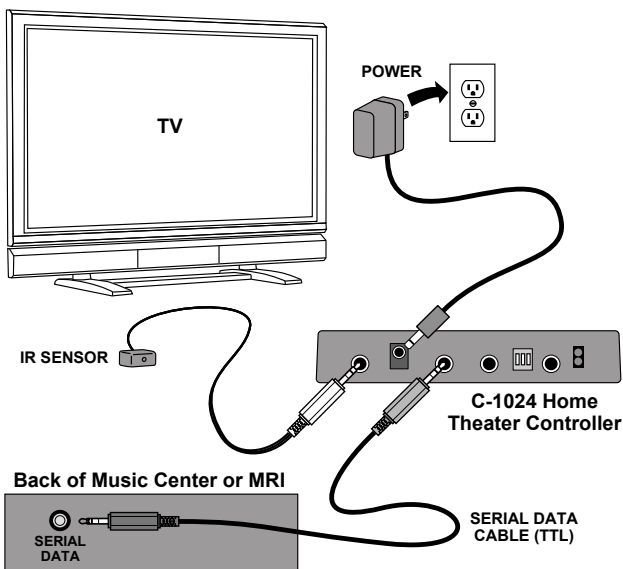
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IR Converter for Bose® Lifestyle® and MRI Systems

This one-of-a-kind converter allows a compatible learning IR remote to communicate with Bose Lifestyle systems

The Model C-1024A makes it possible for multiple Bose sound and video components to respond to the commands issued by a single Pronto® or Harmony 880 learning remote control. Small enough to be easily hidden, the C-1024 is designed for placement behind the video display in the home theater room. Only the small IR sensor remains visible near the front of the display where it receives the remote control commands. System control is achieved through a serial jack connection from the C-1024A to the rear panel of the LIFESTYLE® system. The C-1024 is compatible with the Bose music center models LIFESTYLE 20, 25 and 30 and the MRI LIFESTYLE 40 and 50.



SPECIFICATIONS:

Model Number:	C-1024A	Size (H x W x D):	2.5 x 5 x 1.1
IR Input Connectors:	(2) 3.5mm	Warranty:	One Year Replacement
TTL Output Connector:	3.5mm	Power Requirements:	12 volts DC
RS-232 Output Connector:	3.5mm	Regulatory Approvals:	FCC
IR Input Pinout (shaft, ring, tip):	ground, data, +5V	Accessories Included:	IR receiver, power supply, 3.5mm cord, Manual
Data Pinout (shaft, ring, tip):	ground, data out, data in		

Bose and LifeStyle are trademarks of Bose Corporation.

Video DC Blockers

Audio/Video sources such as cable boxes or satellite dish receivers may fail to work properly when their output is routed through a switcher or distribution amplifier, or even when connected directly to a TV. Often the problem may be related to direct current (DC) being present in the source's video output signal especially when color problems or picture stability problems occur. Audio Authority's **Models 1182 & 1183** Video DC Blockers eliminate this problem by removing DC that may be present in the video output signal of certain set-top and cable boxes on the market today— passively by the **1182** and actively by the **1183**.



1182

1182 Passive Video DC Blocker

- Passively removes DC from the video signal. No power required.
- Connects directly in the component video output signal path of the source.
- Solves DC problems related to the Scientific Atlanta SA8300 digital cable box.
- Will NOT solve DC problems related to the Dish Network 622 and other related receivers - use the 1183 for that application.
- Dimensions (H-W-D, inches) 2 x 3 x 0.9



1183

1183 Active Video DC Blocker

- Actively removes DC from YPbPr video signal.
- Connects directly in the component video output signal path of the source.
- Input and output have 75 ohm termination
- Buffered output
- Solves DC problems related to some Dish Network satellite receivers.
- Power supply included.
- Dimensions (H-W-D, inches) 2.25 x 4.0 x 1.5

Signal Hum Eliminator

In addition to blocking video DC, the **Model 1184** is designed to solve the problem of rolling video hum bars caused by AC-line related noise due to ground loops in coaxial cabling. It can be installed at the input of any device, such as a television display, that exhibits signs of a ground loop.

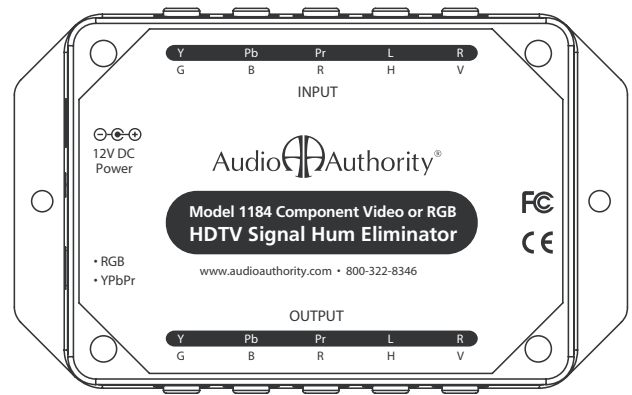
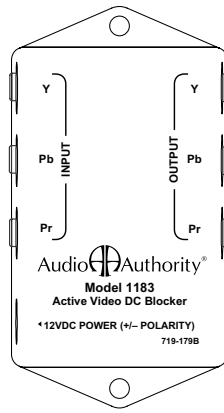
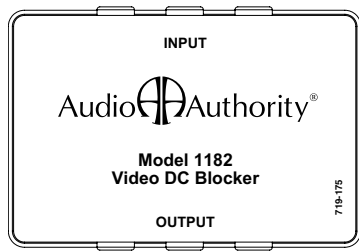


1184

1184 Signal Hum Eliminator

- Uses active circuitry to isolate the input and output grounds of the source and the display to eliminate hum bars at the end of a long run of coaxial cable.
- Active circuitry also greatly reduces signal loss that is exhibited by passive hum reducing devices.
- Provides video input clamping to thoroughly eliminate artifacts caused by differences in electrical potential between the chassis of equipment connected to it.
- Eliminates hum from low level stereo audio signals.
- Dimensions (H-W-D, inches) 3.5 x 5.5 x 1.3

Models: 1182, 1183 and 1184



SPECIFICATIONS:

	1182	1183	1184
Video Signal Type	Component or RGB	Component or RGB	Component/RGBHV
Video Formats	480i/p, 720p, 1080i/p	480i/p, 720p, 1080i/p	480i/p, 720p, 1080i/p
Input/Output Impedance	75 ohms	75 ohms	75 ohms
Input Ground Isolation	No	No	Yes, Full-Time
Gain/Gain Accuracy	1/1%	1/1%	1/1%
3dB Video Bandwidth	200MHz	100MHz	250MHz
Video Input Coupling	AC	AC	AC/sync tip clamped
Video S/N Ratio	90 dB	75dB	65dB
Max Gain/Equalization	1	1	1
Audio Type	•	•	Analog Only
Audio Input Impedance	•	•	11 ohms
Minimum Load Impedance	•	•	10 ohms
Audio Frequency Response	•	•	DC-1MHz
Audio S/N Ratio	•	•	75dB
Audio THD + Noise	•	•	0.05%
Crosstalk	•	•	75dB
Warranty	One Year Replacement	One Year Replacement	One Year Replacement
Dimensions (H x W x D)	2 x 3 x .9	2.25 x 4 x 1.5	3.45 x 5.5 x 1.32
Power Supply PN	None	571-013	571-013
Power Requirements	None	100-240 VAC, 50-60Hz	100-240 VAC, 50-60Hz

Audio Authority also offers an extensive line of audio and video switchers, converters, and distribution amps.

All units are FCC, and CE approved, and all power supplies are UL, CE and CSA approved.