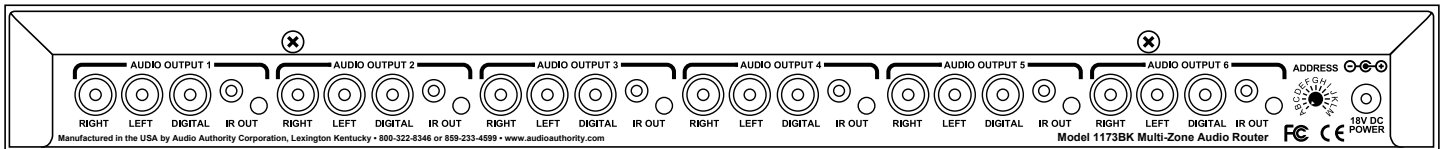## AVAtrix™ Multi-Zone Audio Router with Volume Control

- *Audio router interfaces sources connected to the AVAtrix™ with any distributed audio system*
- *Volume control through AVAtrix IR or RS-232*
- *Works with any zone amplifier or distributed audio system*
- *Set volume levels with one serial command using ExpressRamp™, without abrupt changes*

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: **Tracking Mode**, ideal for an audio system employing dedicated amplifiers for each room or zone; and **Source Mode**, for use with an advanced audio system having its own integrated switching. (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 and receivers
- ExpressRamp™ enables precise, smooth control of each zone's volume
- 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.
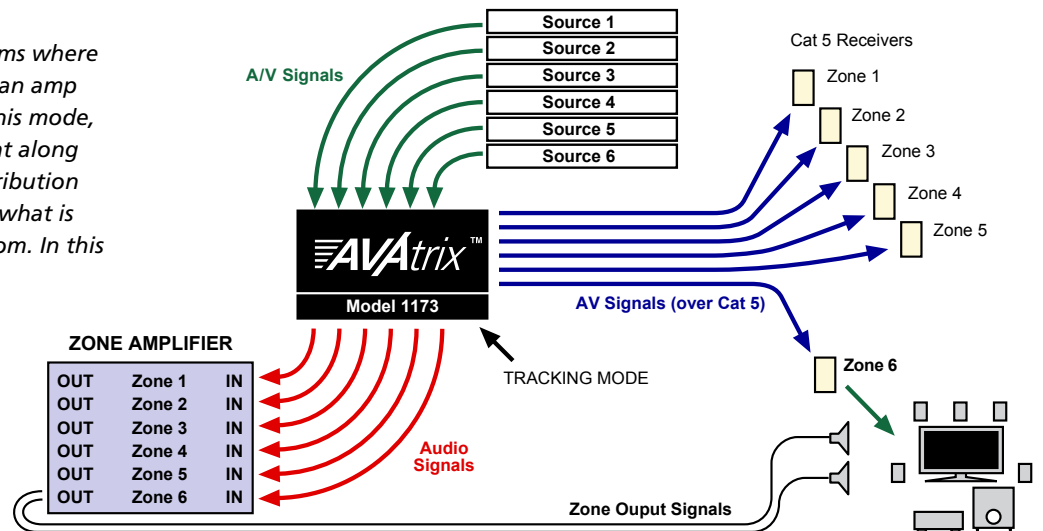
MULTI-ZONE AUDIO ROUTER: HOW IT WORKS

The Model 1173BK supports two modes of operation: Tracking Mode and Source 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.
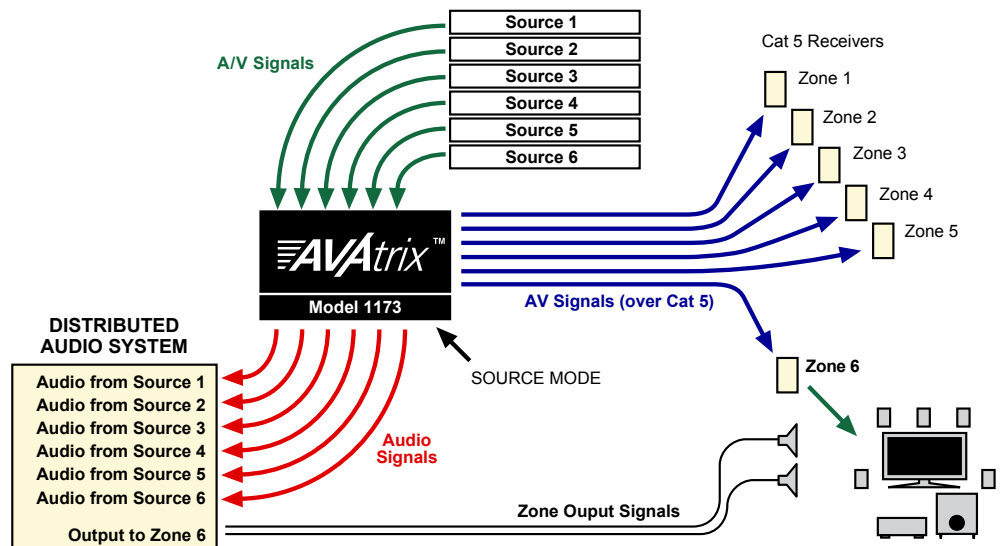
The 1173BK attenuates the volume of its low level analog audio outputs according to IR control signals received from the zones or RS-232 signals received at the head end.

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	Size (H-W-D, inches):	41.75 x 16.675 x 9
Audio Inputs:	6 from AVAtrix bus cable	Warranty:	One year replacement
Audio Outputs:	6 stereo analog & digital coaxial	Power Requirements:	18V DC power supply
Audio Bandwidth:	10 to 50KHz	Accessories Included:	User manual
Analog Audio Attenuation:	0 to -78 dB		