



Audio Distribution Accessories



*PDM-1
Phone/Doorbell
Module*



*RSP-1
Remote Source
Wall Plate*



*RSO-1
Digital to Analog Audio Converter*



*CP-16i
16 Channel 100W Cool Power® Audio Amplifier*

AD-8x Distributed Audio System

Perfect in larger residential and commercial installations where flexibility is important, the AD-8x Audio Distribution System combines a 16 channel audio amplifier with a matrix-switching pre-amplifier. This provides the ability to listen to eight different audio sources in any zone. In addition, up to four of the audio sources can come from other rooms, allowing sources like an iPod or PC to be accessed from other locations, away from the rack. Meanwhile, the integrated Cool Power® amplifier provides 25 watts per channel of crystal clear sound.

The second generation of the AD-8 audio distribution system, the AD-8x has added powerful new features. The addition of Ethernet support allows two-way control via the LAN, while a web interface allows the AD-8x output zones to be tested during installation via a web browser on a smartphone, tablet or PC. This web interface is also used to configure output zones into groups, allowing them to be controlled as a single zone. Control is available via IR, while advanced two-way control is provided via RS-232 and IP when combined with RTI control solutions. When the job grows, the AD-8x can expand along with it. The eight zone outputs can easily be expanded by stacking up to eight AD-8x units together, for a maximum of 64 zones. The AD-8x from RTI will provide you with clean, stable, reliable power you can count on for years to come.

Key Features

- Eight analog stereo audio output zones with fixed and variable pre-outs.
- Eight analog audio source inputs with independent trim level adjustment.
- Twenty-five watts per channel in every zone.
- Distribute eight audio source inputs to eight zone, expandable to 64 zones by stacking additional AD-8x units.
- Ethernet support and a web interface allows the AD-8x output zones to be tested during installation via a web browser on a smartphone, tablet or PC.
- Web interface allows zones to be configured into groups, allowing them to be controlled as a single zone.
- Accessory wall plate (RSP-1) allows remote source equipment to be connected and controlled remotely over a Cat-5 cable.
- RSO-1 digital to analog converter (sold separately) provides audio input for digital audio sources.
- Controlled via IR, and two-way control with feedback via RS-232 and IP when installed with RTI control systems.
- Optional phone and doorbell mute function using accessory wall plate (PDM-1).

Specifications

AC Input Voltage	115VAC or 240VAC (Switchable), 230W
Power Switch	Front Panel On/Off with LED
Mounting	Rack mount or free standing
Dimensions (HxWxD)	5.24in(133mm) x 17.0in(432mm) x 14.75in(375mm)
Weight	24lbs (10.9kg)
Operating Temperature	C -10 to +40degrees, F +14 to +104 degrees
Operating Humidity.....	5% to 95% Non-condensing
Local Input Source	Eight, RCA jacks x 16
Remote Input Mixed Source	Four, RJ45
CTRL In	One, 3.5mm, for IR control
Remote Source IR	One, 3.5mm x 4 sources, IR input
RS232 Port	One, Bidirectional control
Ethernet Port	One, RJ45 Bidirectional control
Trigger Output	One, 12VDC @ 15mA
Voltage Output	One, 12VDC @ 500mA
Mute	One, 3.5mm
Output Zones	Eight zones, two channels each, phoenix connector
Pre-amp Output (fixed or variable)	Eight zones, two channels each, RCA jacks
Rated Power/Channel	>20 Watts, 20Hz to 20KHz (RMS, 2 chan driven 8ohms)
Power/Channel	>25 Watts @ 1KHz (RMS, 2 chan driven 8ohms)
Total Harmonic Distortion	@20W/8ohm, .5%
Total Harmonic Distortion	@1W/8ohm <.05%
S/N @ Rated Power, IEC A-wtd, Source Input shorted	92dB (mute +1)
Frequency Response 20Hz to 20KHz @ 1W/8ohm	1.5+/- .5dB
Input Overload	2.5V
Input Impedance	>22KOhms
Channel Separation 1KHz	>60dB
Crosstalk Between Sources @ Rated Power/1KHz	>75dB
Crosstalk Between Zones @ Rated Power/1KHz	80dB
Treble Control @10KHz	10dB +/- .5dB
Bass Control @100Hz	10dB +/- .5dB
Warranty	Three Years (parts & labor)

All features and specifications subject to change without notice



Rear view

RTI User Interfaces

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|-----------------------|----------------------|
| Remote Controls | In-Wall Touchpanels |
| Keypads | Tabletop Touchpanels |
| Audio Control Keypads | Mobile Apps |



RTI Control Accessories

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| Control Processors | IR Modules |
| System Kits | Relay Modules |
| RS-232 Modules | Z-Wave Modules |



RTI Audio/Video Distribution

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|----------------------------|----------------------------|
| HDMI Splitters & Switchers | HDBaseT Extenders |
| HDMI Matrix Switchers | Presentation Switchers |
| HDBaseT Matrix Switchers | Video over IP Transceivers |



It's Under Control®

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