AD-4x

AD-4x
Distributed Audio System

The AD-4x is perfect for residential or commercial installations that require music everywhere - without breaking the budget. This compact audio distribution system contains both a matrix switching pre-amp and a built-in power amplifier. The four local source inputs can be augmented with four remote source inputs, making it easy to listen to music from your kitchen iPod dock or office PC.

The second generation of the AD-4 audio distribution system, the AD-4x has added powerful new features, providing more flexibility and quicker installations. Now with pre-outs for each zone, a separate amplifier may be added for additional power and speakers where needed. The addition of Ethernet support allows two-way control via the LAN, while a web interface allows the AD-4x 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.

Designed to be a seamless extension of an RTI control system, the AD-4x provides the audio switching, amplification and distribution functions, while RTI central processors and user interfaces manage the audio source control, user input and status feedback. Information such as the selected source, volume level, and tone control settings are available for each zone.

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

Key Features

- Four analog stereo audio output zones with pre-outs.
- Four analog audio source inputs with independent trim level adjustment.
- Independent volume and tone control for all audio zones.
- Ethernet support and a web interface allows the AD-4x output zones to be tested during installation via a web browser on a smartphone, tablet or PC.
- Configure output zones into groups, allowing them to be controlled as a single zone.
- Accessory wall plate (RSP-1) allows source equipment to be connected remotely with a Cat-5 cable.
- RSO-1 digital to analog converter (sold separately) provides audio input for digital audio sources.
- Controlled via IR, or two-way control via RS-232 and IP using RTI control systems.
- Twenty-five watts per channel in each zone.
- Optional phone and doorbell mute function using accessory wall plate (PDM-1).
- Zone power indicator LEDs.
- Compact, low-profile IU design.

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RTI

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Specifications

AC Input Voltage .... 115VAC or 240VAC (Switchable), 230W

Power switch................................ Front Panel On/Off control with LED power indicator

Mounting.. Rack mount or free standing

Dimensions (with rack ears & front cover) HxWxD...
.... 2.1in(53mm) x 19in(482mm) x 13.3in(340mm)

Dimensions Chassis (without rack ears & front cover)HxWxD ....
.... 2.1in(53mm) x 16.9in(430mm) x 13.3in(340mm)

Weight ....11 lbs (5kg)

Operating Temperature .... C -10 to +40 degrees F +14 to +104 degrees

Operating Humidity..5% to 95% Non-condensing

Local Input Source..Four, RCA jacks

Remote Input mixed Source ....Four, RJ-45 jacks

CRTL In .... One, 3.5mm jack, for IR control

Remote Source IR Input .... One, 3.5mm jack x 4, for IR input

RS232 Port... One, Bidirectional control

Ethernet Port ....One, RJ45 Bidirectional control

Trigger Output (Status) .... One, 12VDC@15mA

Voltage Output.. One, 12VDC@500mA

Mute.. 3.5mm jack

Doorbell Input Sensitivity (PDM1) ....AC/DC 3~12V

Phone input sensitivity (PDM1) ....AC25~100V/20Hz

Output Zones...Four zones, two channels each

Rated Power / Channel.. >20 Watts, 20Hz to 20KHz
.... (RMS, 2 channels driven into 8 ohms)

Power/Channel ....>25 Watts @1KHz
.... (RMS, 2 channels driven into 8 ohms)

Total Harmonic Distortion @20W/8 ohm ....0.5%.

Total Harmonic Distortion @1W/8 ohm .... <0.05%.

S/N @ Rated power, IEC A-wtd, Source input shorted ....92dB (mute +1)

Frequency Response 20Hz to 20KHz @1W/8 ohms..................................1.5+/-0.5dB

Input Overload 2.5V

Input Impedance..>22K ohms

Channel separation @1KHz..>60dB

Crosstalk Between Sources @rated power /1KHz ....>75dB

Crosstalk Between Zones @rated power /1KHz 80dB

Treble control @10KHz... 10dB +/-0.5dB

Bass control range @100Hz...10dB +/-0.5dB

Warranty .... Three Years (Parts & Labor)

All features and specifications subject to change without notice

Rear view

RTI User Interfaces

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

RTI Control Accessories

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

RTI Audio/Video Distribution

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

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