AD-4x
Audio Distribution System

This compact audio distribution system is a matrix switching pre-amp with 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 any source in any room.

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 AD-4x 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.

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.

Included in the Box

AD-4x, power cord, rack ears (2) with screws, Phoenix 4-position speaker terminal blocks (4), feet with screws (4)

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

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

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

Weight ....11 lbs (5kg)

Operating Temperature ....+32°F to +122°F (0°C to +50°C)

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 ....92dB (mute +1)
IEC A-wtd, Source input shorted ....

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 Specifications subject to change without notice.

Do more with Integration Designer 11

Integration Designer 11 elevates the experience for all RTI systems, from residential to commercial. Its stunning new template - complete with custom slider support, one-click background swapping and more - makes it faster than ever to deliver a beautiful finish to every installation. Drivers are directly accessible from within the software, with notifications to keep you always up to date. The integrated system manager lets you track rooms, room status, and source status to save time on every installation. All this and more in Integration Designer 11.