



Key Features

- Four analog stereo audio output zones with input switching.
- Four local and four remote analog audio source inputs.
- Accessory wall plate allows source equipment to be connected remotely with a Cat-5 cable.
- Independent volume and tone control for all audio zones.
- Controlled via Infrared and RS-232 including two-way feedback when installed with RTI control systems.
- Twenty-five watts per channel in each zone.
- Optional phone and doorbell mute function.
- Zone power indicator LEDs.
- Compact, low-profile design allows shelf or rack installation.

AD-4 Distributed Audio System

Let the music move you with the AD-4 audio distribution system from RTI. Go to the exercise room to summon your iPod®, listen to broadcast radio in the kitchen, internet radio in the backyard, and a CD in the living room - all at the same time. With four analog audio source inputs and outputs, wherever you go - the music moves with you. An integrated 8-channel amplifier provides plenty of power, while zone independent volume and tone control brings the sound to life. When you combine the AD-4 with RTI central processors, remote controls, touchpanels, and keypads, this RTI distributed audio solution easily keeps pace with the rhythm of your life.

Description

The AD-4 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 bedroom CD player, iPod® dock, or PC. A single Cat-5 cable connects the remote source's audio and infrared signals between the remote location and the AD-4.

The AD-4 audio distribution system is designed to be a seamless extension of an RTI control system. The AD-4 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. Depending on the source equipment used, more advanced information such as song playlists, cover art, and tuner RDS data may also be available.

Of course with RTI control systems, audio is just the beginning. Imagine every aspect of your environment working in complete harmony – from audio and video, to lighting, ambience, temperature and more. Such scenarios are only made possible from an audio distribution system backed by a real, professional grade control system. Thanks to the efficient engineering that defines the AD-4, there is no reason to limit yourself to a system that was designed only for music – with RTI so much more is possible.

Call 952-253-3100

www.rticorp.com



It's Under Control®

Specifications - General

Power.....	115VAC, 120W
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
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
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.....	One Year (Parts & Labor)

All features and specifications subject to change without notice

Accessories

RSP-1	Remote Source Connection Plate
PDM-1	Phone/Doorbell Mute Module

RTI Control Products & Accessories

T1-B	Universal System Controller
M2	Universal System Controller
T2-B	Universal System Controller
T2-Cs	Universal System Controller
T2-C+	Universal System Controller
T3-V+	Universal System Controller
T4	Universal System Controller
U1	Weather Resistant Controller
U2	Weather Resistant Controller
RKM-1	In-Wall Multi-Room Audio Keypad
RK1	In-Wall Keypad Controller
RK2	In-Wall Touchscreen Controller
RK3-V	In-Wall Touchscreen Controller
K4	In-Wall Touchscreen Controller
RP-1	Remote Control Processor
ZRP-6	Remote Control Processor
MRP-64	Multi-Room Control Processor
XP-8	Advanced Control Processor



Front view - cover removed



Rear view



RSP-1

Remote Source Connection Plate



PDM-1

Phone/Doorbell Mute Module