

ADA-4

1 X 4 Audio Distribution Amplifier



Audio Products Group



The ADA-4 is a one input, four output mono audio distribution amplifier. The ADA-4 splits one mono audio input into four separate audio outputs. It isolates, buffers and amplifies each output separately for outstanding performance. The balanced high impedance bridging input accepts levels up to +18 dbm, which means it will interface with all types of audio equipment, including DVD players, CD players, VCR's Laser disc players, etc. The ADA-4 also provides an easy way to take an unbalanced audio source and convert it to a balanced output, necessary to drive long cable runs.

The ADA-4 (1 rack unit high & 1/2 rack unit wide) comes complete with a rack mounting kit and a wall mount power transformer. Two units can be mounted side by side, taking up only 1 rack unit in height.

FEATURES

- Four individually buffered and amplified outputs
- Input trim control (0 to +20dB)
- Transformer coupled outputs with short circuit protection
- UL & CSA approved external power source (wall plug-in) with locking power connector
- Full metal enclosure
- Rack mountable (1 rack unit high) mounting kit supplied

SPECIFICATIONS

Audio Input

Number/type
Connectors
Impedance

1 mono balanced or unbalanced
1 pluggable screw terminal 3 conductor
20 kohms DC coupled balanced, 10 kohm DC coupled unbalanced
+18 dBm (balanced or unbalanced) at state % THD+N

Max level

Audio Throughput

Gain
Bandwidth
THD+Noise
S/N
CMRR

Unity with trim adjustable to +20dB
30 Hz to 20 kHz (+/-0.05 dB)
0.025% @ 1 KHz at rated max. output
>90 dB
>80 dB

Audio Output

Number/type
Connector
Impedance
Gain error
Drive

4 transformer coupled (balanced/unbalanced)
4 pluggable screw terminal 3 conductor
600 ohm suitable for long cable drives
NA
>+18 dBm, balanced or unbalanced at stated % THD+N

General

Power
Rack mount
Enclosure type
Enclosure dimensions
Weight
Approvals

Wall mount trans (27Vac @ 100ma)
Rack mount kit supplied
Metal
1.75"H x 8.5"W x 4.75"D
37 oz.
UL and CSA

FSR Inc.

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ACCESSORIES

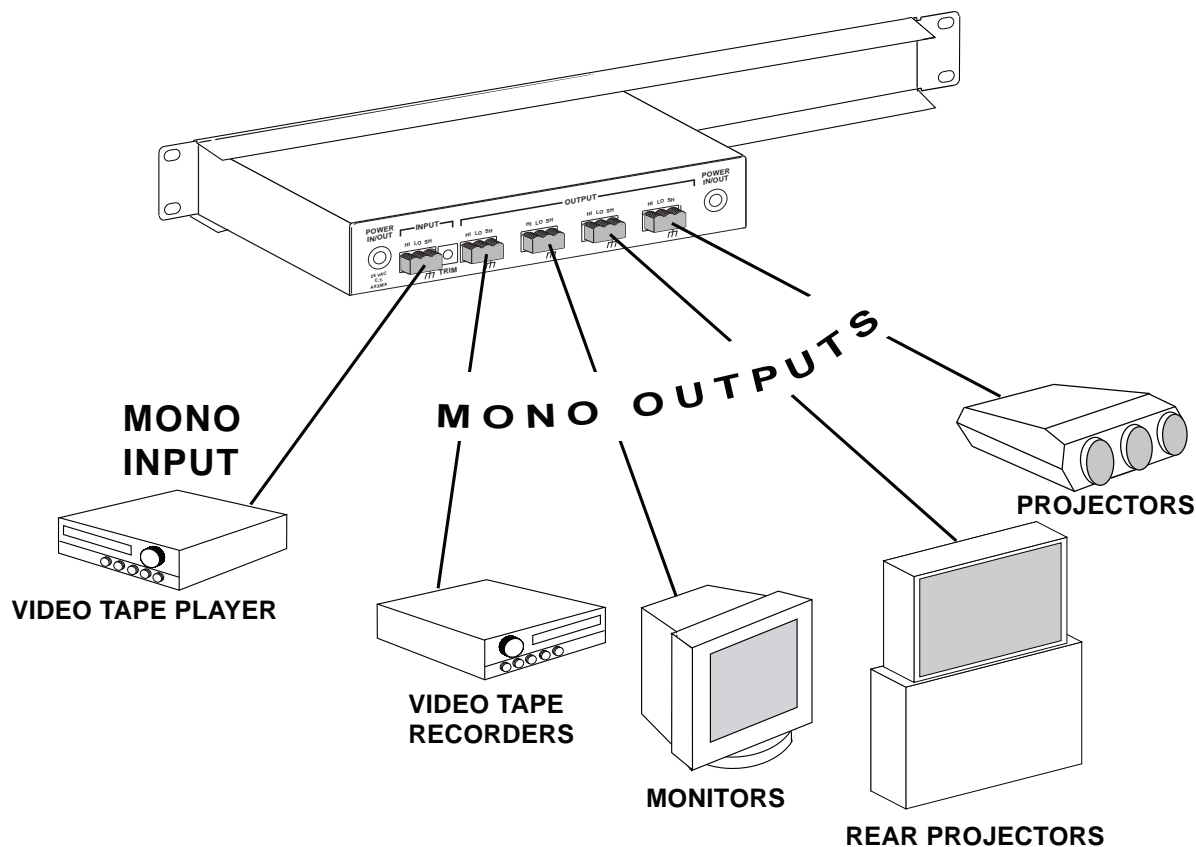
A free mount kit is supplied with each ADA-4 unit. The black painted, steel rack mount kit allows for your choice of table or rack mounting without additional cost.



The wall mount transformer, also provided free with each unit, is 27VAC, @ 100ma, and is UL and CSA rated.



TYPICAL APPLICATION OF ADA-4



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Specifications are subject to change without notice.