

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	1 mono balanced or unbalanced
Connectors	1 pluggable screw terminal 3 conductor
Impedance	20 kohms DC coupled balanced, 10 kohm DC coupled unbalanced
Max level	+18 dBm (balanced or unbalanced) at state % THD+N
Audio Throughput	
Gain	Unity with trim adjustable to +20dB
Bandwidth	30 Hz to 20 kHz (+/-0.05 dB)
THD+Noise	0.025% @ 1 KHz at rated max. output
S/N	>90 dB
CMRR	>80 dB
Audio Output	
Number/type	4 transformer coupled (balanced/unbalanced)
Connector	4 pluggable screw terminal 3 conductor
Impedance	600 ohm suitable for long cable drives
Gain error	NA
Drive	>+18 dBm, balanced or unbalanced at stated % THD+N
General	
Power	Wall mount trans (27Vac @ 100ma)
Rack mount	Rack mount kit supplied
Enclosure type	Metal
Enclosure dimensions	1.75"H x 8.5"W x 4.75"D
Weight	37 oz.
Approvals	UL and CSA

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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

