



S E C U R I T Y

THAT'S WHY YOU NEED A DA

NATURALLY you'd expect the design experts at AUDIOARTS to provide it. After all, we've built thousands of audio broadcast consoles; we've got the track record.

The AUDIOARTS 8400 is now the only DA with performance specs good enough to keep up with our other designs.

COMPONENTRY: High quality of course! Individual 15-turn output gain trims for precise calibration, fully regulated DC supply (current protected), low magnetic field power transformer, high quality FR4 glass epoxy circuit boards (with solder mask coating to reduce the chance of foreign particle shorts) plus clearly marked component legends for easy service.

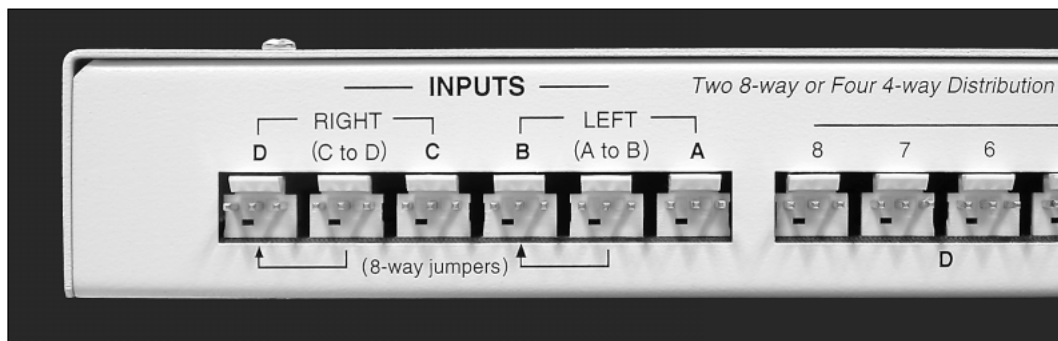
FEATURES: It's got what's needed! It's **DUAL FUNCTION:** the 8400 can be used as an eight output stereo DA or easily configured as four 1x4 DAs (using simple rear panel jumpers)—sixteen outputs total, each with its own front panel gain trim. It also has **separate connectors** for every input and output. This allows for easy wire changes in the field, rapid troubleshooting, and further avoids the conductor pinching that plagues screw terminals.

The 8400 has the componentry, performance specifications and interconnect system that make it the obvious choice for your facility. At AUDIOARTS we've got the engineering know-how; **benefit from our experience!**

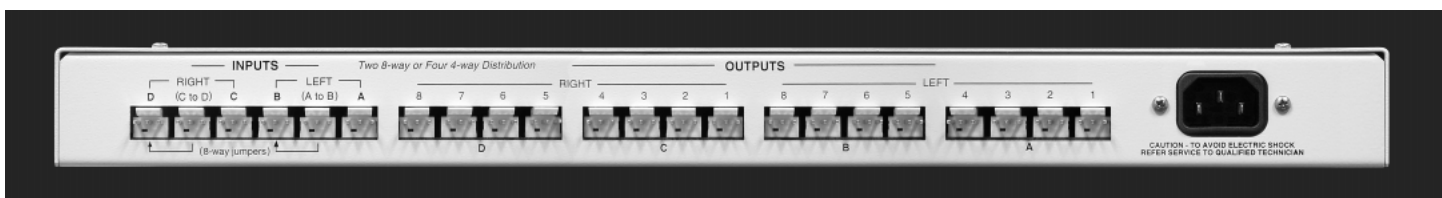


FINALLY a DA That Can Keep Up!

SUPERIOR TECHNICAL PERFORMANCE is what this Audioarts DA is all about. There's no need for a DA to be the weak link in your signal chain. Couple the 8400's performance, high quality componentry and great interconnect system together and you've got a GREAT DA. AUDIOARTS has done its engineering homework!



MAXIMUM VERSATILITY - The dual function feature allows the 8400 to be used as an 8 output stereo DA or four 1x4 DAs. Selection is easy: simple rear panel connections are all it takes.

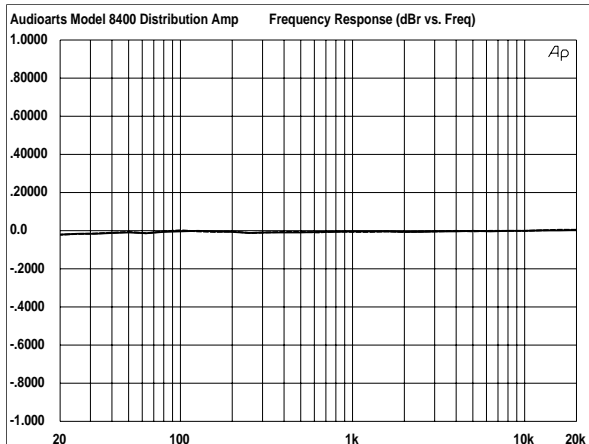


SEPARATE I/O CONNECTORS – Every input and every output has its own dedicated three-conductor connector (mating plugs supplied). Now in-field wiring changes are fast and easy, and of course rapid troubleshooting is an obvious benefit. This system also avoids the conductor pinching and stray strand shorting that plague screw terminals. Reliability and maintenance are the keys here.

PERFORMANCE SPECIFICATIONS

DYNAMIC RANGE unity gain	121dB
FREQUENCY RESPONSE 20Hz–20KHz	+0,-0.1dB
OUTPUT CROSSTALK 1KHz 20KHz	-105dB -80dB
THD + N (20Hz–20KHz) +4dBu +24dBu	0.002% 0.001%
IMD (SMPTE) +4dBu +24dBu	0.002% 0.003%
DIM +4dBu +24dBu	0.002% 0.001%
SLEW RATE	15V/μS
MAXIMUM INPUT	+28dBu
MAXIMUM OUTPUT	+28dBu
HEADROOM ref +4dBu	24dB
GAIN TRIM RANGE (-1dB to +20dB)	21dB
MAXIMUM GAIN	16dB
NOISE	-95dBu
CMRR 60Hz–20KHz	-50dB

Specifications and features subject to change without notice.

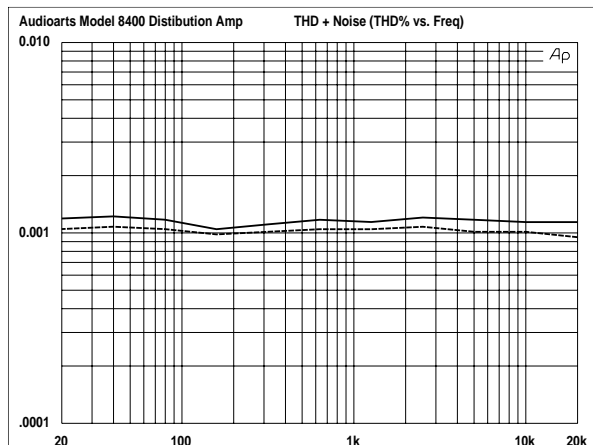


◀ RULER FLAT

As any station engineer knows, frequency response losses are cumulative. This DA is flat from 20Hz to 20KHz (within one tenth of a dB!) to keep things crisp and transparent.

▶ LOW DISTORTION ▶

You can't get much better than this! The 8400 approaches the limits of most componentry and test gear. There's no need to worry about artifacting or colorization.



Copyright © 2001 by Wheatstone Corporation