

# Audio Distribution Amplifier

DA1000 DA2008

The DA1000 and the DA2008 are ideal for every application and every budget. Avoid RF and hum pick-up problems from noisy, lossy splitters. Prevent hard-to-find shorts from multiple taps on critical lines. Boost low console outputs. Drive long lines. Eliminate rolloffs and distortion from mismatched load impedances. All ATI DAs are rack mounting and use reliable barrier block connectors with fanout strips for easy prewiring and quick change servicing.

The DA1000 and the DA2008 are a single, high output, active balanced driver per channel is resistively split into 4 or 8 outputs each, all driven at precisely the same level. There are up to +24 dBm balanced in and out. This device features output clipping LEDs and a headphone/metering jack in a half rack package that you can mount singly or side-by-side in only 1-3/4".

- Output clipping indicator
- Signal present indicator (DA1000)
- Front phone jack for headphones, metering or auxiliary ninth output
- Single or dual side by side rack mounting kits
- Eight active balanced outputs provide +24 dBm each with full short circuit isolation.
- Active balanced bridging inputs accept +24dBm.
- Heavy common mode bypassing of all output and input lines for superior RF protection.
- High common mode bypassing of all output and input lines for superior RF protection.
- High slew rate power boosted NE5533 design provide totally transparent operation.



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## Technical Specifications

DA1000 DA2008

<b>OUTPUT CLIPPING LEVELS</b>	+24dBm/600 ohms. All channels fully loaded.
<b>DISTORTION</b>	0.2% maximum THD 20 to 20,000 Hz Rated output and inputs to +24dBm bridging.
<b>FREQUENCY RESPONSE</b>	+/- .25dB, at 20 to 20,000 Hz -3dB at 100 KHz.
<b>OUTPUT NOISE</b>	-.70dBm maximum..20 KHz measurement bandwidth 600 ohm source impedance, full gain
<b>SIZE</b>	8 1/2"Wx1 3/4"Hx7" D, 4 lbs.
<b>OUTPUT ISOLATION</b>	70 dB min. at 1 KHz. Unit will tolerate up to 2 shorted outputs with no reduction of headroom.
<b>GAIN</b>	+26dB. Front panel level control.
<b>INPUTS</b>	30 Kohm balanced bridging, +24 dBm max. 80dB hum CMR
<b>POWER</b>	115/230 VAC +/-10% 47-63 Hz.
<b>SIZE</b>	19"W x 1-3/4"H x 7-1/2"D, 18lbs. max.
<b>TERMINALS</b>	Rear Barrier Block, Fanning Strip Supplied.
<b>WARRANTY</b>	Limited, One Year Warranty