

# Analog Audio Distribution Amplifiers

DA208 DA208S  
DA416 DA416S

The DA208 and the DA416 give you uncompromised performance at a reasonable price. Available with two or four inputs, each input driving four individually adjustable, active balanced outputs, the ATI DA208 and DA416 give you twice the channels for the price—twice the performance in most applications.

Need more outputs? Just parallel inputs for up to 1x16 operation. Drive everything from balanced 600 ohm lines to Hi-Z IHF phono jack inputs without matching pads or noise compromises. Audio is transparent and RF protected for use in hostile transmitter sites, on the road or in your studio.

- Eight (DA208) or sixteen (DA416) balanced outputs divided among two or four independent 1-in-to-4-out channels
- Parallel inputs on rear connectors for 1x8, 2x8 or 1x16 operation
- Phoenix connectors provided for easy pre-wiring and flexible output channel assignment
- Individual wide range audio taper output level controls smoothly adjust outputs from +8 to -10dBm with taper to full off
- Separate LEDs for each 1X4 channel indicate either output clipping (standard) or input signal presence (-S models)



Model DA208



Model DA416

# Audio Distribution Amplifier

## Technical Specifications

DA208 DA208S  
DA416 DA416S

<b>GAIN</b>	20dB Max.
<b>NOMINAL LEVELS</b>	+4dBm out, +4 to-10dBu in
<b>PEAK LEVELS</b>	+22dBu in, +18dBm out
<b>DISTORTION</b>	THD .10% at peak levels, .005 at nominal levels, 20Hz to 20kHz; IMD .05% maximum, SMPTE
<b>RESPONSE</b>	±.25dB, 20 to 20,000 Hz
<b>CROSSTALK &amp; OUTPUT ISOLATION</b>	70dB min at 10kHz, a shorted output does not affect any other output channel
<b>NOISE</b>	20kHz bandwidth, -75dBm out at full gain setting
<b>INPUTS</b>	20k ohm active balanced, split and RF bypassed, 60dB CMR at 60Hz
<b>OUTPUT LEVEL</b>	+24dBm into 600 ohm balanced or unbalanced loads; 10Vrms into high impedance loads
<b>OUTPUT IMPEDANCE</b>	400 ohms balanced, 200 ohm single ended, split and RF bypassed, AC coupled
<b>SLEW RATE</b>	13 volts per microsecond
<b>POWER</b>	115/230 (specify when ordering) VAC ±10%, 47-63Hz, 20 VA
<b>SIZE</b>	19" (48.3cm) W x 1.75" (4.4cm) H x 7.5" (19cm) D
<b>WEIGHT</b>	5lbs. (2.3kg) Net Shipping Weight
<b>TERMINALS</b>	Rear individual Phoenix connectors provided for easy pre-wiring
<b>WARRANTY</b>	Limited One Year Warranty