

# Audio Distribution Amplifier

DA208 DA208S  
DA416 DA416S

The DA 208 and the DA416 are a small price to pay for real protection. Two or four inputs, each driving four individually adjustable, active balanced outputs 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. Transparent performance, RF protected.

- 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.
- Barrier block input and output connectors, fanout strips provided for quick and easy pre-wiring.
- 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 (special order -S)



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## Technical Specifications

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<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 outputs.
<b>NOISE</b>	20kHz bandwidth, -75dBm out at full gain.
<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 VAC+/-10%, 47-63Hz, 20 VA.
<b>SIZE</b>	19"W x 1-3/4"H x 7-1/2"D, 18lbs. max.
<b>TERMINALS</b>	Rear high-density barrier blocks, fanout strips provided for easy pre-wiring.
<b>WARRANTY</b>	Limited, One Year Warranty