



Power Amplifiers

RA150, RA300, & RA500

Power your studio monitors, headphones, or home theater with Alesis Reference Amplifiers. Offered in three power categories, the RA series is quiet, efficient, and cool-operating for the demanding studio environment. The good looks and attractive prices simply add to the value of RA150, RA300, and RA500 amplifiers.

RA amplifiers provide more power and better performance at a lower cost-per-watt with crisp, clean signal. Designed for studio use, each RA amplifier incorporates advanced convection cooling for outstanding heat dissipation. The result is long, stable operation that is unaffected by heat-related complications, devoid of the noise of fan-cooling.

Whether you use RA series amplifiers to power studio monitors, headphones, or home theater speakers, you'll enjoy their reliable, consistent performance.

| Model | 4 ohms, per channel | 8 ohms, per channel | 8 ohms, bridged | XLR Inputs | Rack Units |
|-------|---------------------|---------------------|-----------------|------------|------------|
| RA150 | 75W RMS | 45W RMS | 150W RMS | No | 2RU |
| RA300 | 150W RMS | 90W RMS | 300W RMS | Yes | 2RU |
| RA500 | 250W RMS | 150W RMS | 500W RMS | Yes | 3RU |

FEATURES:

- Quiet, cool, efficient class AB power amplifier
- More power and better performance at a lower cost-per-watt than competitive amplifiers
- Crisp, clean signal
- Advanced convection cooling for outstanding heat dissipation
- Switchable voltage (120/230 VAC)
- Front-panel volume controls

RA150:

- Size: 18.9" W x 3.9" H x 10.25" D (480mm x 99 mm x 260 mm)
- Rack units: 2RU
- Weight: 15lbs (6.8kg)
- Inputs: 1/4" TRS, RCA
- Signal to Noise Ratio: >105dB, 22Hz-22kHz bandwidth referenced to rated output
- Frequency Response: 10Hz – 70kHz +0, -3dB
- Damping Factor: 200
- Slew Rate: 60 V/μs (two channel), 120 V/μs (bridged mono)
- Input Sensitivity: +4dBu (1.23 V) for rated output with input control at maximum

- Maximum input level: +26 dBu
- Input impedance: 20 k-ohms, balanced, 10 k-ohms unbalanced
- Crosstalk: -85dB, 1kHz
- Output offset: +/- 50 mV, Servo controlled

RA300:

- Size: 18.9" W x 3.9" H x 10.63" D (480mm x 99 mm x 270 mm)
- Rack units: 2RU
- Weight: 19lbs (8.6kg)
- Inputs: XLR3F, 1/4" TRS, RCA
- Signal to Noise Ratio: >105dB, 22Hz-22kHz bandwidth referenced to rated output
- Frequency Response: 10Hz – 70kHz +0, -3dB
- Damping Factor: 200
- Slew Rate: 60 V/μs (two channel), 120 V/μs (bridged mono)
- Input Sensitivity: +4dBu (1.23 V) for rated output with input control at maximum
- Maximum input level: +26 dBu
- Input impedance: 20 k-ohms, balanced, 10 k-ohms unbalanced

- Crosstalk: -85dB, 1kHz
- Output offset: +/- 50 mV, Servo controlled

RA500:

- Size: 18.9" W x 5.63" H x 10.71" D (480mm x 143 mm x 272 mm)
- Rack units: 3RU
- Weight: 28.5lbs (13.0 kg)
- Inputs: XLR3F, 1/4" TRS, RCA
- Signal to Noise Ratio: 105dB, 22Hz-22kHz bandwidth referenced to rated output
- Frequency Response: 10Hz – 70kHz +0, -3dB
- Damping Factor: 200
- Slew Rate: 60 V/μs (two channel), 120 V/μs (bridged mono)
- Input Sensitivity: +4dBu (1.23 V) for rated output with input control at maximum
- Maximum input level: +26 dBu
- Input impedance: 20 k-ohms, balanced, 10 k-ohms unbalanced
- Crosstalk: -85dB, 1kHz