

Reference 150SE Power Amplifier

The New Benchmark



“This isn’t just evolution -- this is transformation...But while the 150SE’s core capabilities remain firmly rooted in its ability to deliver convincing dynamic range and weight, coupled to a rich and natural tonal palette, it now augments those qualities with a level of spatial, textural, harmonic and dimensional resolution that adds shape and perspective to the picture. Vocal and instrumental accents are much more apparent, each performer’s character more identifiable, the overall shape of the song clearer and musically more effective.”

The Audio Beat, September 2015

One of the finest and most sought-after modern stereo amplifiers, the Reference 150SE offers more power, greater dynamic thrust, a more vivid and resolved presentation, greater finesse, and quieter operation than any previous stereo amplifier from Audio Research. It is a new benchmark.

Distilling as much of the flagship technology as will fit in one chassis, the REF 150SE is a thoroughbred. Nothing is ignored in pushing the boundaries of what can be accomplished inside a solitary enclosure.

The 150 watts per channel is delivered via eight closely matched KT150 vacuum tubes, four in each channel, and driven by the time tested 6H30 tube, a cornerstone of our designs. The transparent, natural and engaging presentation of the REF 150SE will keep you glued to your listening chair for hours with no listener fatigue.

The REF 150SE is a fully-balanced design with XLR inputs and 4-8-16 ohm output taps. Output stage coupling is a combination of “ultralinear” and Audio Research’s patented “partially cathode-coupled” topology, which is superior to conventional pentode or triode operation. As you listen to the REF 150SE, every instrument is vividly portrayed with a true-to-life presence. It breathes music. So comprehensive is its authority that it will transform your entire music system.

After nearly 50 years, our focus remains the advancement of the state-of-the-art in music reproduction. Every component is meticulously hand-crafted and personally auditioned before it leaves our factory. Our attention to detail, customer service, and product support create unprecedented value. An Audio Research component is more than a purchase, it’s an investment.

Consider making the REF 150SE the cornerstone of your music system. We invite you hear the difference by visiting your nearest Audio Research dealer for an audition.



SPECIFICATIONS

Power output

150 watts per channel continuous from 20Hz to 20kHz. 1kHz total harmonic distortion typically 0.6% at 150 watts, below 0.03% at 1 watt. Approximate actual power available at 'clipping' 160 watts (1kHz)

Frequency response

(-3dB points at 1 watt) 0.5Hz to 120 kHz

Input sensitivity

2.0V RMS BAL for rated output. (24 dB Bal gain into 8 ohms)

Output taps

4, 8, 16 ohms

Hum & Noise

Less than 0.1mV RMS - 114dB below rated output (IHF weighted, input shorted)

Tube complement

4 - Matched pair KT150 - Power Output; 4 - 6H30 Driver

Power requirement

105-125VAC 60Hz (210-250VAC 50Hz) 730 watts at rated output, 900 watts maximum, 420 watts idle

Dimensions

Width: 19" (48.3 cm)
Height: 8.75" (22.2 cm)
Depth: 19.5" (49.5 cm)
Handles extend 1.5" (3.8 cm) forward

Weight

75 lbs. (34.2 kg) Net; 90 lbs. (41 kg) Shipping

Complete technical specifications can be found on our website.

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