



Reference 75SE Power Amplifier

The Little Big Amplifier

“The Ref 75 was (and is) a truly magical amplifier. It was one of those amps that are so good if a friend said ‘oh, I don’t like it’ you’d question their sanity, their hearing, and maybe even your friendship. It’s that good and inspires that kind of passion from its users. And the Ref 75SE does all that, raised to a higher power. Highly recommended? You bet!”, Alan Sircom, *Hi-Fi+ 126, September 2015*

Winner of numerous awards, the REF 75SE is a stunning amplifier – striking performance, styling and reliability combine to elevate your music listening to a new plateau. Capable of driving a wide variety of speakers, the REF 75SE will surprise you with its authority, dynamics and the control of a much larger amplifier.

Audio Research’s Reference series amplifiers have earned a reputation for being part of the select group of the world’s finest vacuum tube amplifiers. The REF 75SE is the least expensive Reference amplifier, but by no means an entry-level component. The SE takes advantage of new circuit advancements and the KT150 power tube, offering the sonic finesse of larger Reference amplifiers in a lighter and cooler-running package.

The REF 75SE shares its circuit with the Reference 150SE and 250SE power amplifiers, all designed around the KT150 output tube. This 75 watt per channel stereo amplifier’s chassis has the same dimensions as the REF 150SE and REF 250SE, yet it tips the scale at less than fifty pounds. It also offers a similar aesthetic with the rest of the Reference series; a thick aluminum front panel, with the machined front handles that have been an Audio Research hallmark. The REF 75SE includes a pair of power output meters that can also indicate the bias of each output tube.

With its clean, clear, and dynamic presentation, the REF 75SE provides a transparent window into the performance, revealing the size and dimensionality of the recording venue while allowing the emotional impact to seduce the listener—you’ll find yourself drawn into the music for hours on end. The REF 75SE makes a stunning addition to your music system that will stand the test of time.

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.

We invite you to hear the difference by visiting your nearest Audio Research dealer for an audition.



SPECIFICATIONS

Power output

75 watts per channel continuous from 20Hz to 20kHz. 1kHz total harmonic distortion typically 0.6% at 75 watts, below 0.05% at 1 watt. Approximate actual power available at 'clipping' 76 watts (1kHz)

Frequency response

(-3dB points at 1 watt) 0.7Hz to 75 kHz

Input sensitivity

1.4V RMS BAL for rated output. (25 dB Bal gain into 8 ohms)

Output taps

4, 8 ohms

Hum & Noise

Less than 0.06mV RMS - 112dB below rated output (IHF weighted, input shorted)

Tube complement

2 - Matched pair KT150 - Power Output, 2 - 6H30 Driver

Power requirement

105-125VAC 60Hz (210-250VAC 50Hz) 410 watts at rated output, 500 watts maximum, 230 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

47 lbs. (21.3 kg) Net; 63 lbs. (28.6 kg) Shipping

Complete technical specifications can be found on our website.

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