



VT80 Power Amplifier

Worry-free Performance

audio research
HIGH DEFINITION®

“The VT80 IS the best amplifier in the bass range that I’ve heard in my room. Is it because my speakers like the transformer output? It may be, but with three different sets of speakers, the VT80 came out the consistent winner for bass depth, drive, and articulation.” *Secrets of Home Theater and High Fidelity, www.hometheaterhifi.com, March 2017*

Combining an enticing new esthetic with worry-free operation and great audio performance, the engineering team at Audio Research pushed the boundaries with their latest creation, the VT80 power amplifier. Beneath the beautiful aluminum chassis is a circuit board of equal beauty, with no detail forgotten. At the heart of the VT80 are two important features never before offered by Audio Research. The first is a proprietary auto-bias circuit developed entirely in-house. Simply drop in the tubes and the VT80 automatically adjusts the bias for each output tube. The circuit repeatedly adjusts for tube wear or fluctuations in the power in real time making the occasional bias adjustment a thing of the past. It also works for different types of output tubes, including 6550, KT88, KT90, KT120 or KT150 to customize the VT80 to your liking. Finally, an auto-bias circuit that works in real time and does not compromise performance!

The second new feature includes fusing of each output tube. In case of a fault condition in a tube, an easily replaceable fuse will blow. This is what we mean by worry-free operation.

Proof of our achievement is in the listening. The level of control and resolution from the deepest bass to the highest frequencies simply must be experienced to be believed. The VT80 sounds like a much bigger amplifier than it is. With balanced XLR and single ended RCA inputs, the VT80 is compatible with a wider range of preamplifiers than our Reference series amplifiers, making it easier to use an Audio Research amplifier as the cornerstone of your 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.

With the beautiful new look, the flexible connection options, and the great new features, thrilling audio performance remains our primary goal and the foundation upon which we were built. An in-person audition at one of our many dealers worldwide, with a few of your favorite musical selections, will convince you of the VT80’s musical achievement. We invite you hear the difference by visiting your nearest Audio Research dealer.



SPECIFICATIONS

Power output

75 watts per channel continuous from 20Hz to 20kHz. 1kHz total harmonic distortion typically 1% at 75 watts, below 0.05% at 1 watt

Frequency response

(-3dB points at 1 watt) 0.7Hz to 80kHz.

Input sensitivity

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

Output taps

4, 8 ohms

Hum & Noise

-84dBV weighted, 8 ohms tap

Tube complement

2 - Matched pair KT120 - Power Output;
2 - 6H30 Driver

Power requirement

100-125VAC 60Hz (200-250VAC 50Hz) 410 watts at rated output, 500 watts maximum, 230 watts idle. Sleep power < 1 watt

Dimensions

Width: 19" (48.3 cm)
Height: 10.33" (26.2 cm)
Depth: 18.45" (46.8 cm) to chassis, 19.40" (49.3 cm) to terminals

Weight

45.7lbs. (20.7 kg) Net; 62 lbs. (29 kg) Shipping

Complete technical specifications can be found on our website.

audio research
HIGH DEFINITION®

3900 Annapolis Lane North | Plymouth, MN 55447 USA | T: 763.577.9700 | www.audioresearch.com