



VALHALLA

Single-Ended Triode OTL Headphone Amplifier

DESCRIPTION

Valhalla is a Class A, single-ended triode headphone amplifier with no overall feedback and noninverting circuit topology. It provides classic tube sound and can drive headphones with impedances as low as 32 ohms.

Yes, we know that all you got out of the preceding paragraph is probably, "Classic tube sound." And if you're not a tube junkie, you might not even know what that means. Some people say tube sound is a smoky nightclub with a hot chick in a red dress, it's a warm swimming pool in summer, glowing green against the purple twilight, it's a . . . well, hell, you can't really explain tube sound. Think "smooth, fluid, liquid, alive." But not in a SF-movie-gonna-eat-you kinda way.

All Tube, All The Time

The only active devices in the audio signal path in Valhalla are tubes. The 6N1P triodes input provides linear, low noise voltage gain. The 6N6P triodes provide good power output capability for a wide variety of high-impedance headphones (though, if you're looking at orthos, check Mjolnir, Lyr and Asgard instead.)

High Quality Parts

Don't compare Valhalla to cheap tube amps using open-frame carbon pots and substandard parts. Compare it to tube amps using Alps Blue Velvet pots, Dale resistors, Wima capacitors, and other top-end components. Also consider that Valhalla has almost 2,000uf of filter capacitance in its oversized power supply, for superior performance.

5-Year Warranty

Most of Valhalla is covered by a limited warranty that covers parts and labor for five years. That's 5 years. Yes. FIVE. Compare that to the competition. The parts that aren't covered by a 5-year warranty: the tubes. Tubes are covered by a 90-day warranty. They should last between 3,000 and 5,000 hours, but they do wear out. They will need replaced. Do not panic. Humans lived for many decades with this technology.

15-Day Satisfaction Guarantee

Don't like your Valhalla? No problem. Call us for an RA and send it back for a full refund, minus 5% transaction fee, within 15 days of receiving your amp. When was the last time you spent a couple of weeks in an audio store? With your own equipment? Thought so.



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SPECIFICATIONS

Frequency Response:

20Hz-20Khz, -0.1db, 2Hz-400KHz, -3dB

Maximum Power, 50 ohms:

100mW RMS per channel

Maximum Power, 300 ohms:

420mW RMS per channel

Maximum Power, 600 ohms:

210mW RMS per channel

THD:

Less than 0.2%, 20Hz-20KHz, at 1V RMS, high gain mode (worst case)

IMD:

Less than 0.25%, CCIR at 1V RMS, high gain mode (worst case)

SNR:

More than 96db, A-weighted, referenced to 1V RMS

Crosstalk:

Less than -74dB, 20Hz-20KHz

Output Impedance:

30 ohms

Topology:

Class-A single-ended triode, no overall feedback, noninverting, single voltage gain stage

Tube Complement:

6N1P dual triode input, 6N6P dual triode output, 1 each per channel. 6N1Ps rollable to 6DJ8, E88CC, 6922, 6BZ7, and similar types.

Power Consumption:

40W

Size:

9 x 6.75 x 3.25"

Weight:

7 lbs

**All measurements made on a Stanford Research SR1+ Audio Analyzer*