

# SCHEMATIC DIAGRAM

## 1625 Amp Mk II

For hobby/non-profit use only

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Gain:  
12AX7 (Open loop): 45x  
12AX7 (closed loop): 6.6x  
6SN7 (each output to ground): 7.5x

## Specifications

Power output: 25 watts/channel, both channels driven

Input sensitivity: 0.4V

Frequency Response:

10 Hz - 31 KHz +0/-0 dB

10 Hz - 45 KHz +0/-1 dB

Power Bandwidth at 25 watts/channel, both channels driven:

28 Hz - 31 KHz +0/-1 dB

Stability: stable under any speaker load

Hum/Noise: 1.3 mV on 8 ohm tap

Distortion (THD) at -1 dB down from max power output, both channels driven:

30 Hz: 0.65%

1 KHz: 0.1%

10 KHz: 1.15%

20 KHz: 3.5%

