

## Low Voltage Single-Ended Madness built by Evile Science Audio

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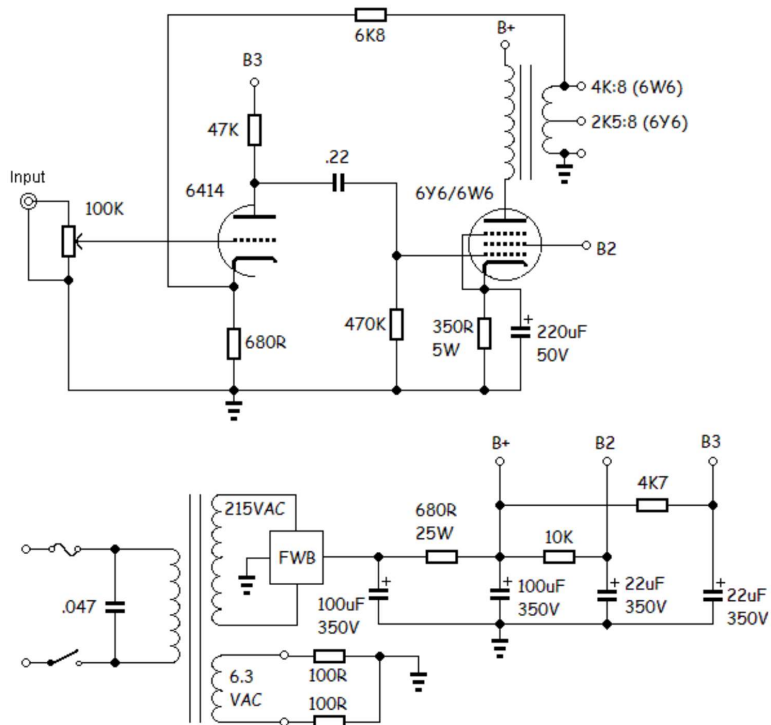
<https://evilescienceaudio.com/2013/11/03/low-voltage-single-ended-madness/>

6W6 with CRC filtered solid state power supply, with a large R (680 ohms). This gives the power supply a lot of what is termed as "sag", where the output voltage varies greatly with load. The interesting effect of this power supply is that the amplifier never 'clips' when overdriven, it simply compresses!

The amp was designed for output tubes 6Y6 cathode bias B+ to 205V & 6W6 B+ down to 230V.

This will 6Y6 output 3.5 watts per channel 6W6 output 3 watts per channel.

Is connected as single-ended pentode requires some sort of global feedback. It is cathode-biased, lowers output but simplifies design.



**6Y6/6W6 Single-Ended**

