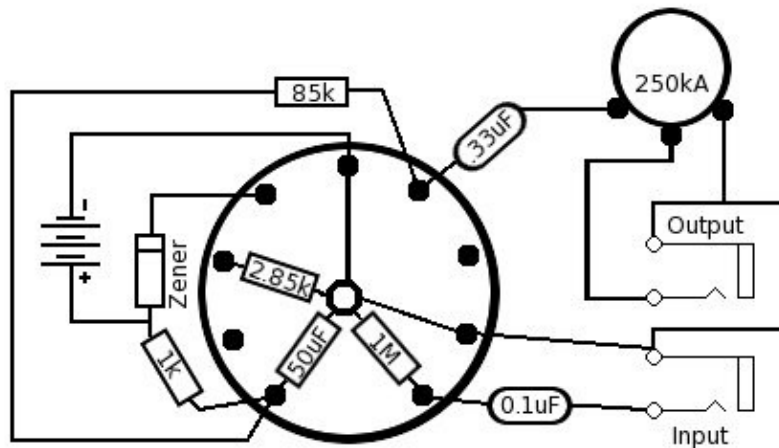
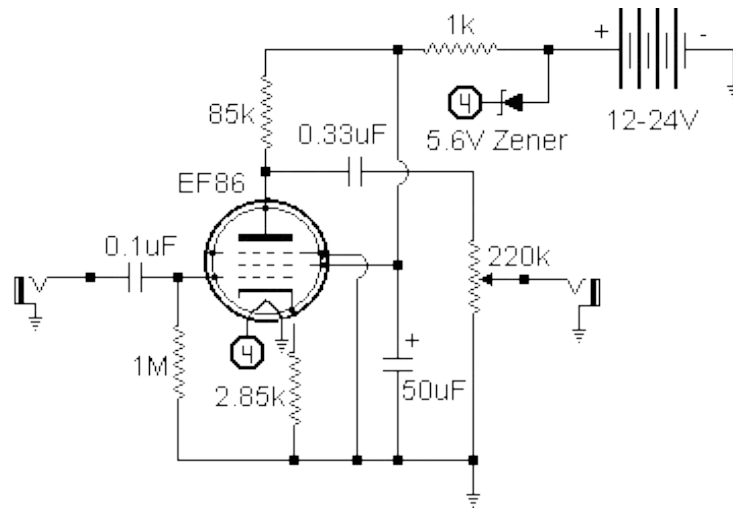


## Low voltage EF86 tube preamp

Hi!

This is simple guitar preamp using EF86 tube. It works well with 12V power supply, but it gets even better with 24 volts. This is simple and inexpensive build, but good quality NOS tube is recommended. Schematic has 5.6V/5W zener diode for filaments. But instead of that, I would recommend using 7806 regulator (or some other similar type). Tube socket has a center lug, which is used as a common ground point. EF86 internal shield (pins 2 and 7) may be connected either to the cathode or to signal ground.



So, that's all folks! Have fun!

-Elwood-