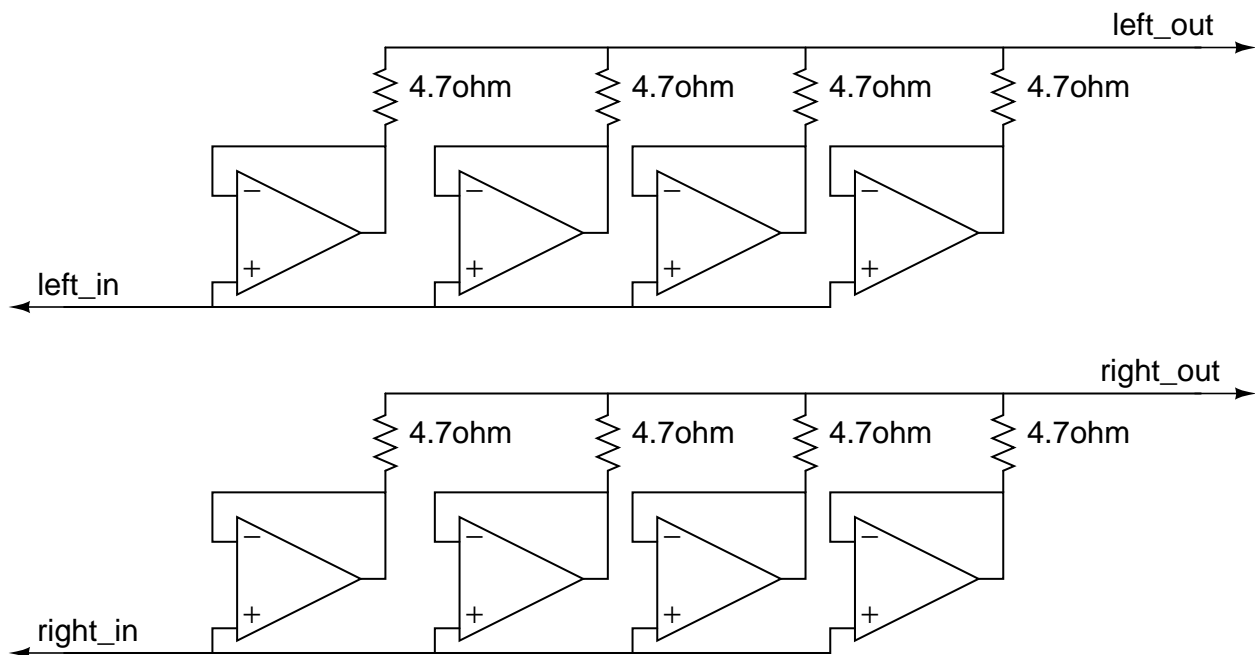


Headphone Amp #2



All opamps are 4558 duals. Power supplies are +/- 6 volts. The 4.7ohm resistors prevent excessive quiescent current due to input offset voltage of the opamps. The goal is to avoid the distortion that results from the limited output current of opamps. This design could easily be carried out to more than four opamps, but four seems to be good enough for my ears. Obviously this has a lot to do with what kind of opamp is used. The 4558 was used here only because it was what I happened to have handy.

KR April 12, 2006