

R20 & R120 ARE THE "CLASS A" OPAMP BIAS TRICK (ONE MODIFICATION OF THIS VERSION.)
THE PURPOSE IS TO ELIMINATE OPAMP OUTPUT STAGE CROSSOVER DISTORTION.

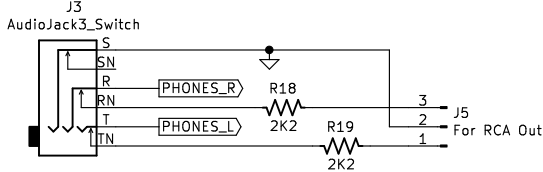
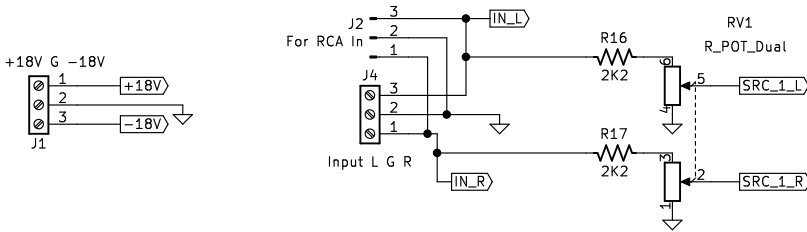
FOR MORE INFO AND LTSPICE SIMULATIONS PLEASE SEE:

<https://www.diyaudio.com/forums/pass-labs/317803-whammy-pass-diy-headphone-amp-guide-post6854613.html>

Suggested Components:
Panasonic FM Low ESR Capacitors (22uF 50V, 68uF 35V, 120 or 150 or 180uF 50V)
1/4W 1% Metal Film Resistors
Polypropylene Film Capacitors
Burson Discrete Opamp
Quality FET Input Audio Opamp: OPA1656, OPA2604, OPA2134, Etc.
ALPS RK27 Series Potentiometer (RK163 For Lower Cost)

**Serious Warning: FETs, Opamps & Semiconductors Ordered Online Are VERY Often Fake.
Strongly Recommend Ordering FETs, Opamps & Capacitors From Real Authorized Distributors!!!
Fake Components Cause Serious Headaches And Poor Performance.**

- H1 MountingHole
- H2 MountingHole
- H3 MountingHole
- H4 MountingHole



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