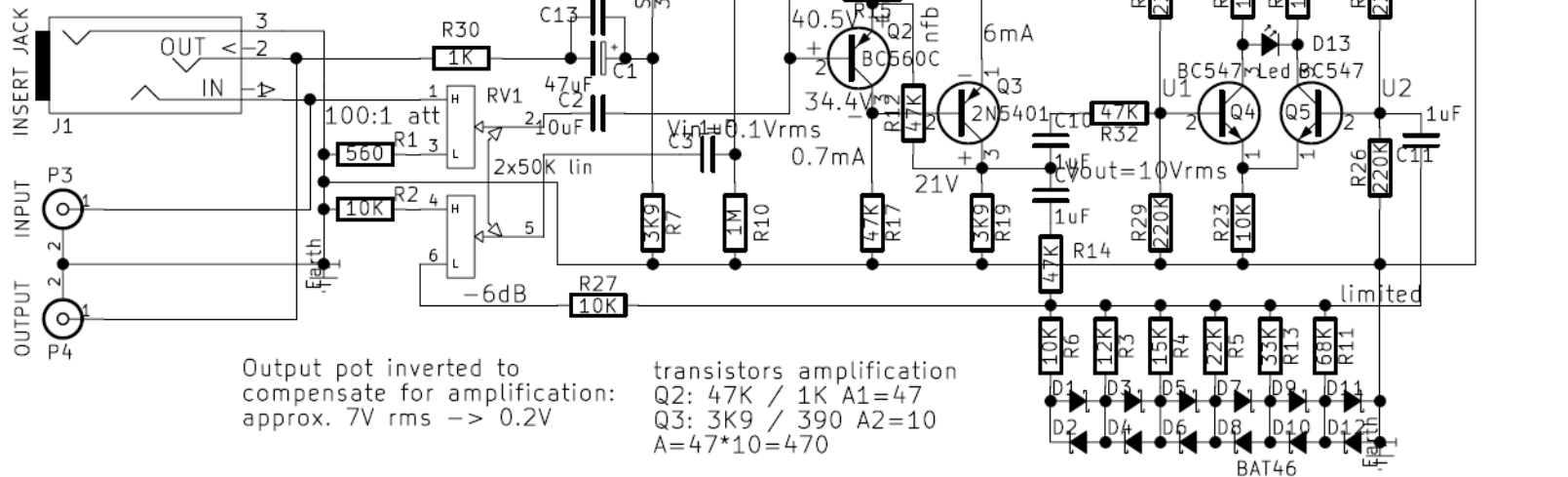


- min input sensitivity: 20mV rms
- max input: 2V rms

INSERT jack connects into mixer insert
jack should not ground the in/outputs



Output pot inverted to
compensate for amplification:
approx. 7V rms $\rightarrow$ 0.2V

transistors amplification
Q2: 47K / 1K $A_1=47$
Q3: 3K9 / 390 $A_2=10$
 $A=47*10=470$

nfb = AC/DC feedback
47K/1K A = 0.2V to 6.5V

six schottky diodes
 $\rightarrow 6 * 0.2 \text{ V} = 1.2 \text{ V}$ threshold