



Trim TR-1 and TR-2 for 0,48V over R11 and R12

AUREXX CRYSTAL 1 (2011)

- mod-0: no NFB; $A_o=667$; $Z_{out}=45\ \Omega$; 42Hz-35kHz (-3dB). With NFB: at edge of instability (13-4)
- mod-1: R1,2,9,10=1M-1/2W; R11,12=150E-1W (14-4)
- mod-2: Separate chassis = mains from audio ground add R17=27E/1W and C8=100nF/630V (15-4)
- mod-3: add R18,19=1M-1/2W; no NFB. $Z_{out}=3\ \Omega$; $A_o=24$; 10Hz-37kHz (-3dB); $P_{max}=2.9W$ (28-4)
- mod-4: with FB+C9,10=180pF-Styro.. $Z_{out}=1.2\ \Omega$; $A_o=8$; 4Hz-60kHz (-3dB); $P_{max}=3.4W$ (11-5)
- mod-5: C3,4 = 22uF/63V for first order behavior (18-5)
- mod-6: remove R18,19; remove C3,4; R11,12 = 10E create neg Bias for EL84 (Leon B. 10-6)