

Series Ten Schematics

by Holger Marienberg

These schematics are entirely based on reverse engineering and are intended solely for the repair and restoration of a Harrison Series Ten mixing console. The author does not have access to any documentation from Harrison and is an amateur, not a professional electronics engineer.

Completeness or accuracy cannot be guaranteed!

Version August 31, 2025

Anacapa Industries »Model AI213« Power Supply Unit

Note 1: Component numbers match the original.

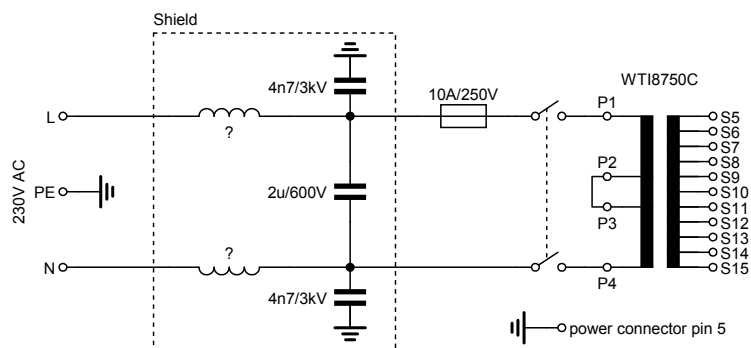
Note 2: All resistors, except those specially marked, are 1/2W carbon film with 5% tolerance.

[1/4 EMI Filter / Center-tapped full-wave rectifiers / Wiring](#)

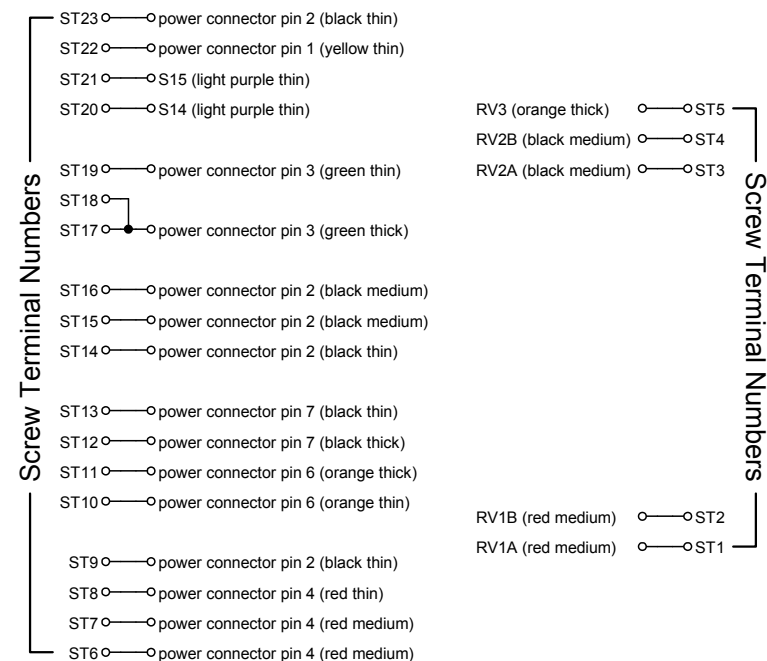
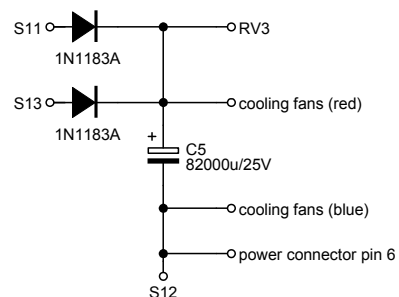
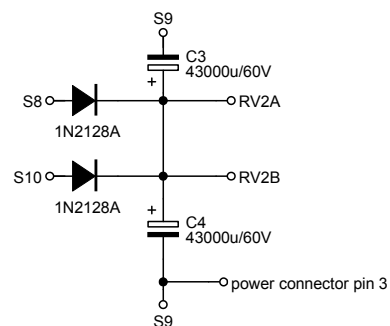
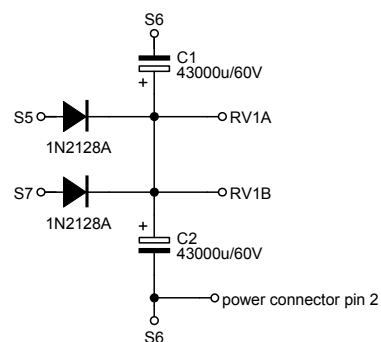
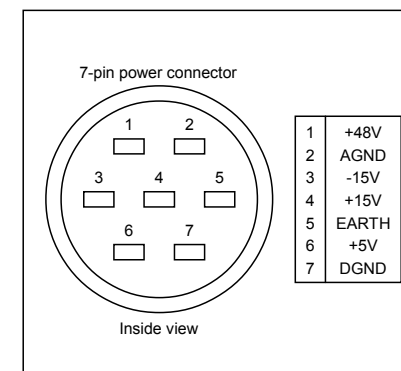
[2/4 Darlington Pass-Banks](#)

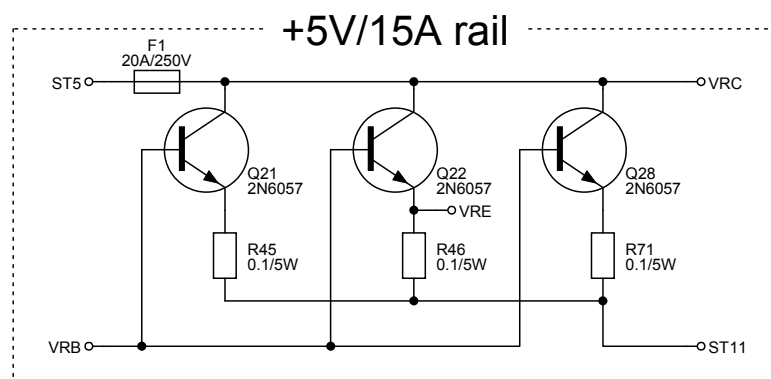
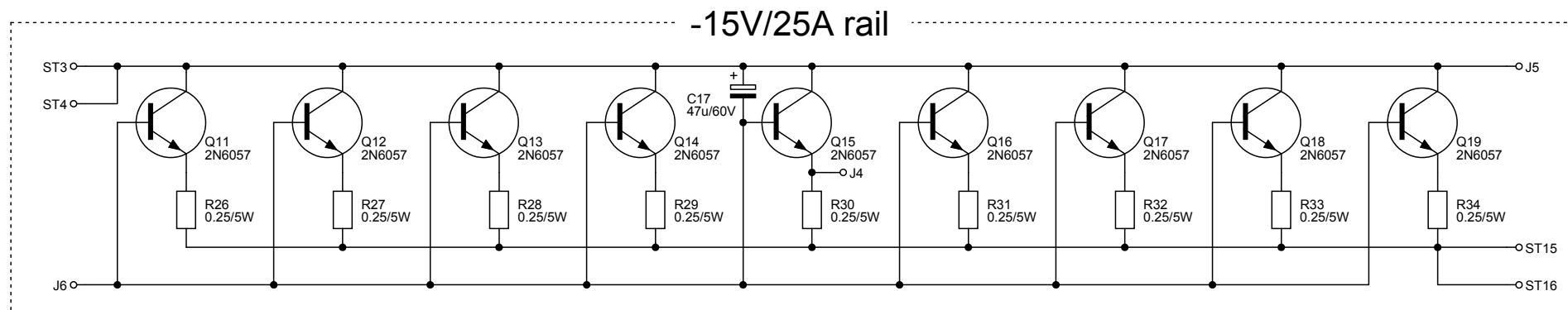
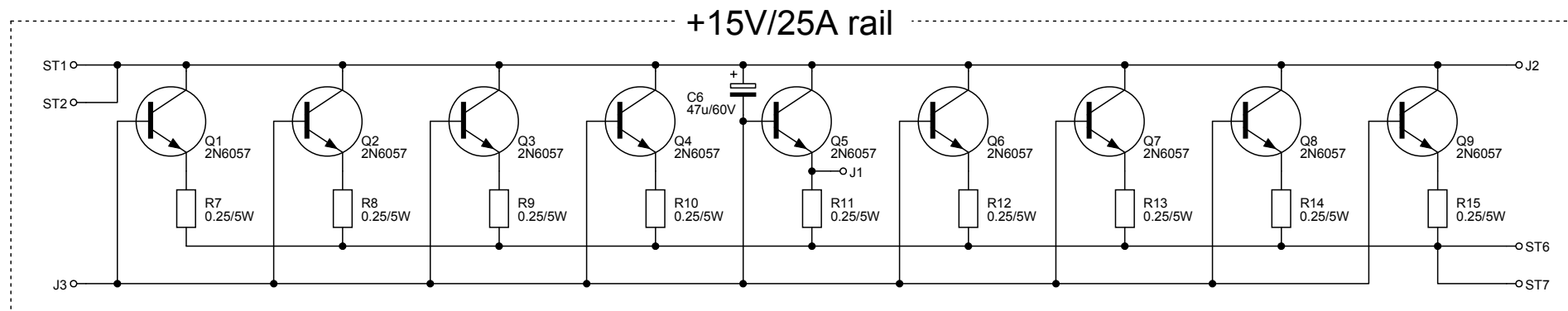
[3/4 LM723 Regulation / SCR Overvoltage Protection \(+15V rail / -15V rail\)](#)

[4/4 LM723 Regulation / SCR Overvoltage Protection \(+5V rail / +48V phantom power\)](#)

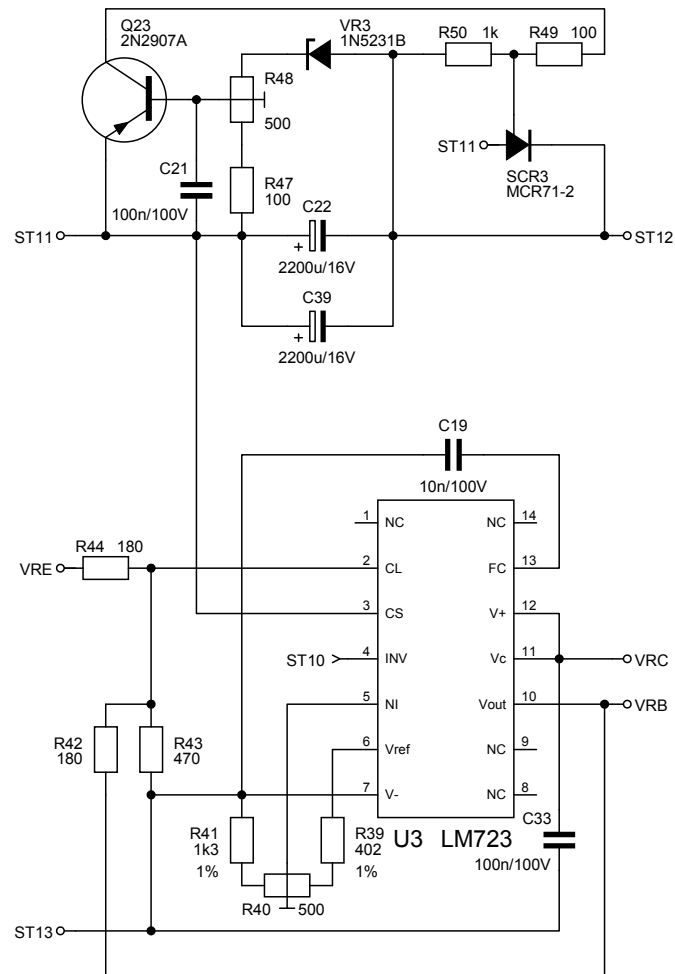


Transformer (no load)		
Terminal	Description	Voltage
S5	Winding end (measured vs. center tap S6)	21 VAC
S6	Center tap	0 VAC
S7	Winding end (measured vs. center tap S6)	21 VAC
S8	Winding end (measured vs. center tap S9)	21 VAC
S9	Center tap	0 VAC
S10	Winding end (measured vs. center tap S9)	21 VAC
S11	Winding end (measured vs. center tap S12)	12 VAC
S12	Center tap	0 VAC
S13	Winding end (measured vs. center tap S12)	12 VAC
S14	Winding without center tap	51 VAC
S15	Winding without center tap	51 VAC

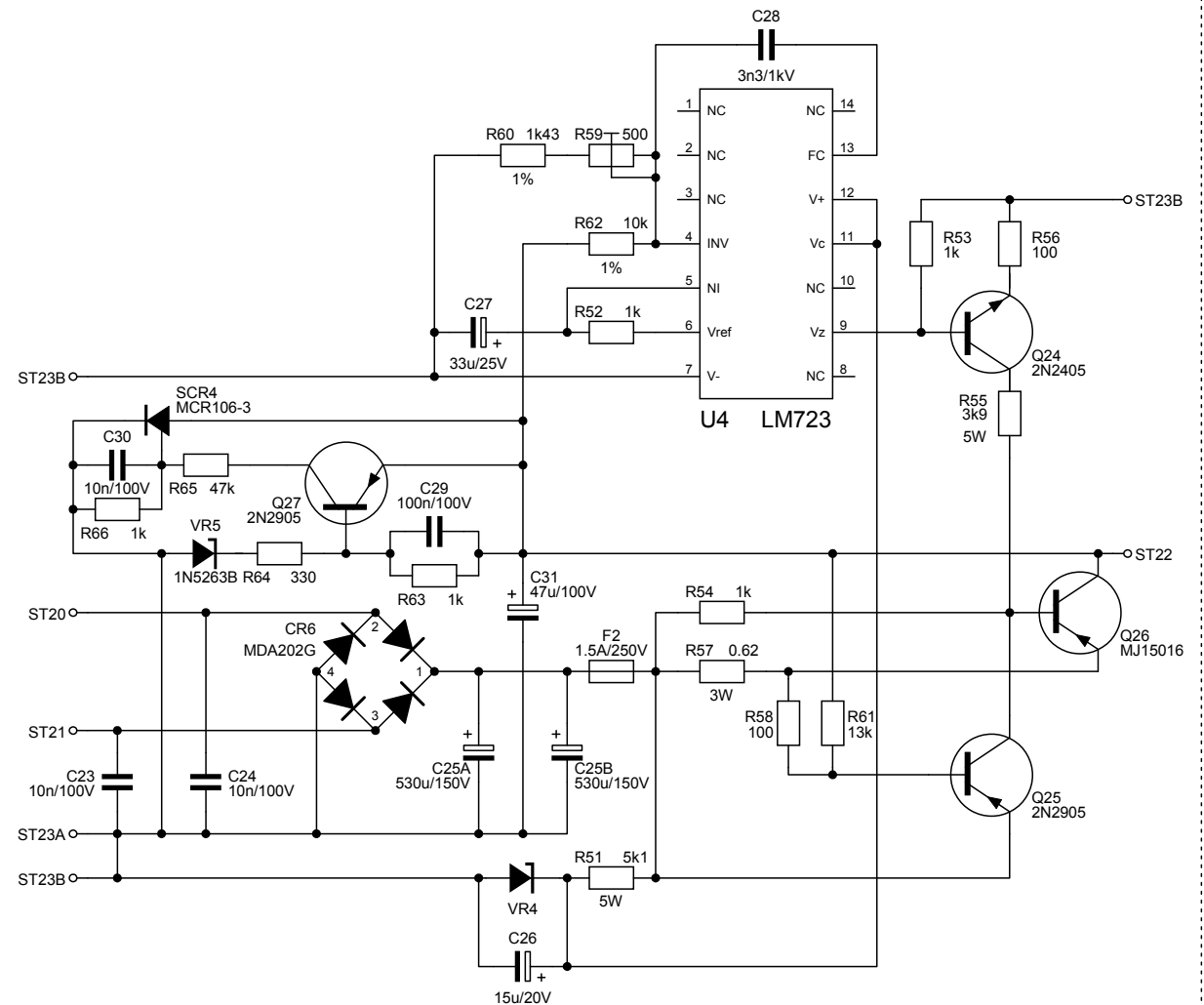




+5V/15A rail



+48V/0.5A phantom power



Note: VR4 is an unidentified 15V Zener diode. Use 1N5352B (5W) instead.