300W 4, 8, and 16-Ohm Dummy Load

Parts List

R1 16 Ohm, 300W adjustable power resistor (Ohmite E300K16R), tap set at 8 Ohms (centered). The 16 and 4 ohm load inputs have the highest power handling capability since the entire length of resistance is used. Two 8 ohm 300W resistors (Ohmite E300K8R) can be used to double the power capability.

R2 100k Resistor

R3 1M 1% Resistor

R4 127k 1% resistor. This value produces 1/10 of the load voltage at J5 assuming 1M oscilloscope input impedance.

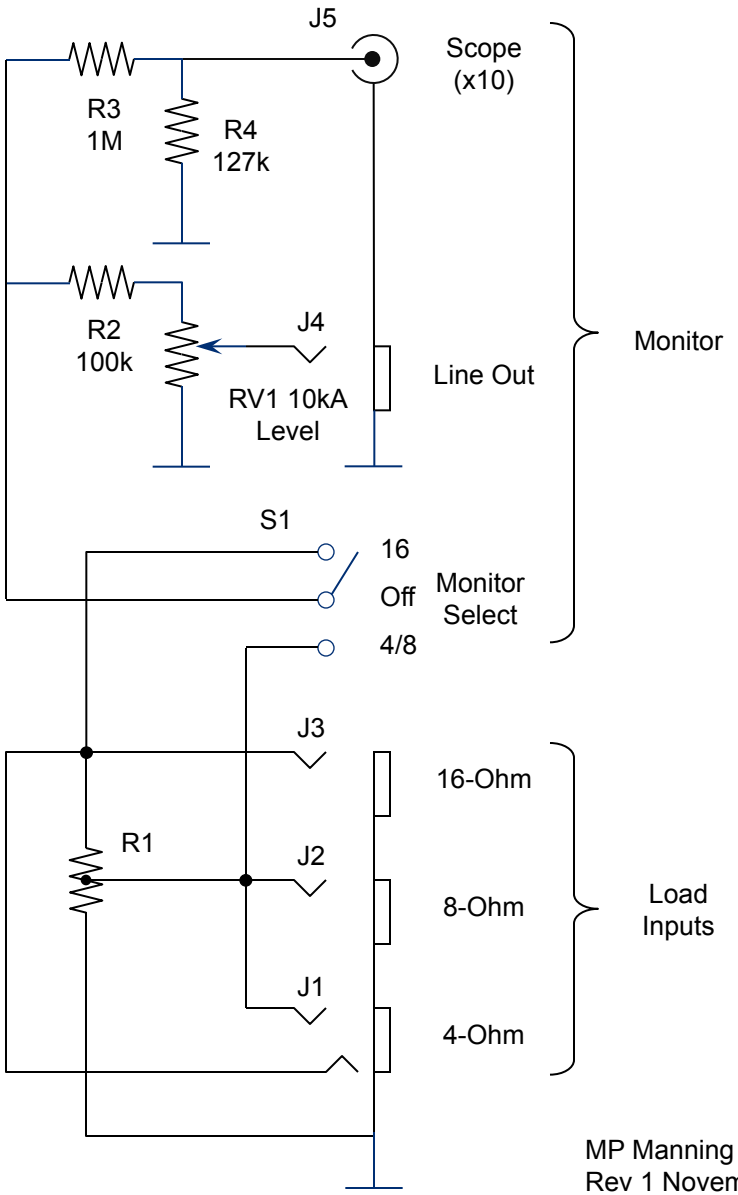
RV1 10k Audio Potentiometer

S1 SPDT on-off-on toggle switch

J1 ¼" Stereo Phone Jack (TRS), Switchcraft #12B

J2 – J4 ¼" Mono Phone Jack, Switchcraft #11

J5 Panel mount Female BNC Jack



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