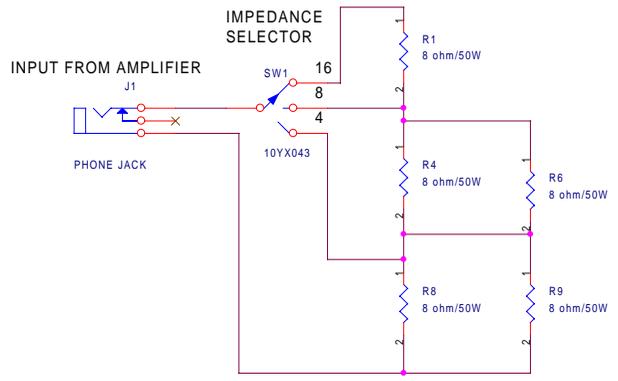
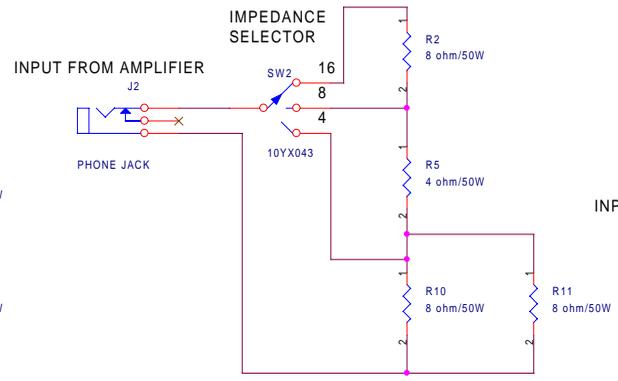


REV:	Initial design: R. Aiken
2	Corrected power ratings



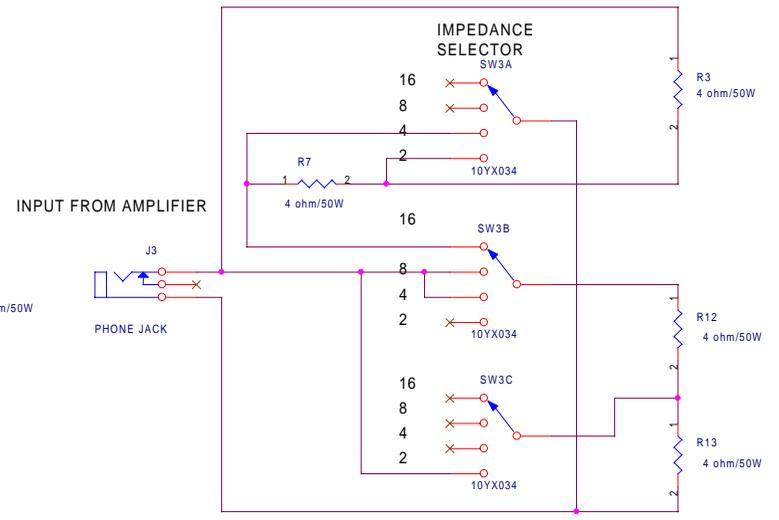
**4, 8, AND 16 OHM VERSION 1**  
(Common resistor values)

100W max power at 4 ohms, 200W max power at 8 ohms, and 100W max power at 16 ohms.



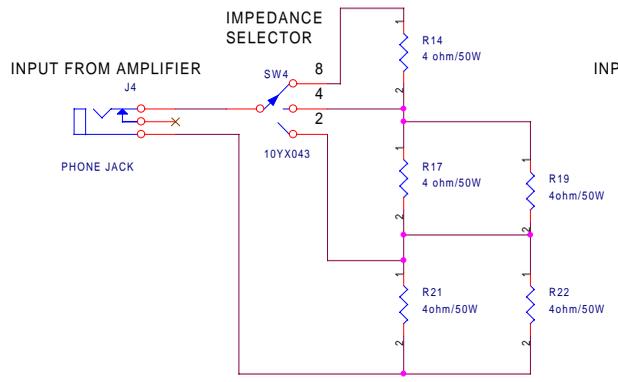
**4, 8, AND 16 OHM VERSION 2**  
(Different resistor values)

100W max power at 4 ohms, 100W max power at 8 ohms, and 100W max power at 16 ohms.



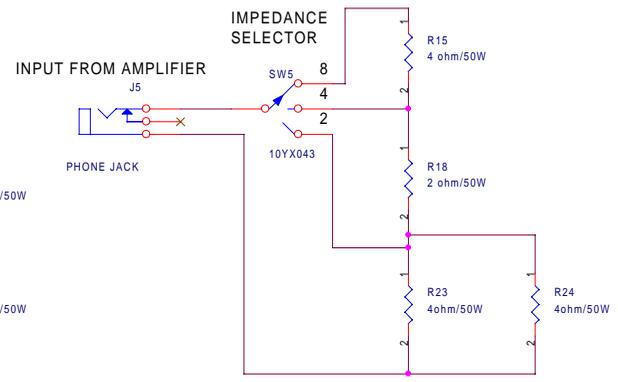
**2, 4, 8, AND 16 OHM VERSION 1**  
(3P4T ganged switch, common resistor values)

100W max power at 2 ohms, 200W max power at 4 ohms, 100W max power at 8 ohms, and 200W max power at 16 ohms.



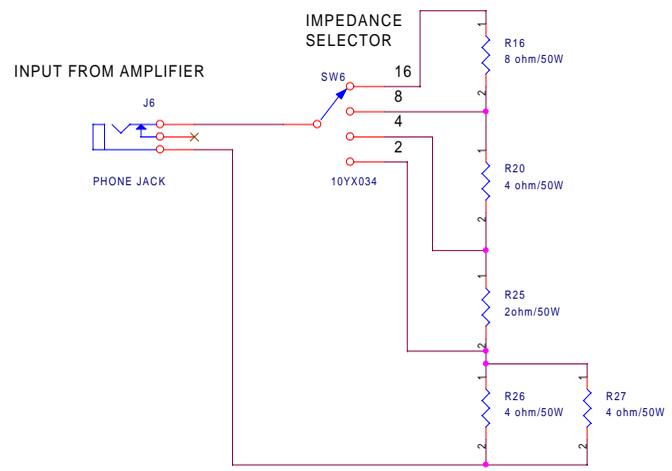
**2, 4, AND 8 OHM VERSION 1**  
(Common resistor values)

100W max power at 2 ohms, 200W max power at 4 ohms, and 100W max power at 8 ohms.



**2, 4, AND 8 OHM VERSION 2**  
(Different resistor values)

100W max power at 2 ohms, 100W max power at 4 ohms, and 100W max power at 8 ohms.



**2, 4, 8, AND 16 OHM VERSION 2**  
(Different resistor values)

100W max power at 2 ohms, 100W max power at 4 ohms, 100W max power at 8 ohms, and 100W max power at 16 ohms.

**Notes:**

- (1) All resistors must be well heat-sinked. If the unit is built in a metal enclosure, the enclosure can usually be used as the heat sink.
- (2) 8 ohm 50W resistors should be Vishay Dale type RH-50-8.0 or equivalent (Mouser part number 71-RH-50-8.0)
- (3) 4 ohm 50W resistors should be Vishay Dale type RH-50-4.0 or equivalent (Mouser part number 71-RH-50-4.0)
- (4) Rotary switch can be Mouser 10YX043 (3 pos), 10YX034 (4 pos) or equivalent. Note that the contact carry rating is much larger than the switching rating. If using this dummy load with high power amps, you should use a more robust switch, or parallel contacts for higher current-carrying capability. Do not switch impedances while the amplifier is putting out a signal, to avoid exceeding the switching contact rating.
- (5) Mouser can be contacted at 1-800-346-6873 or at <http://www.mouser.com>

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Title: 100W Dummy Loads

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