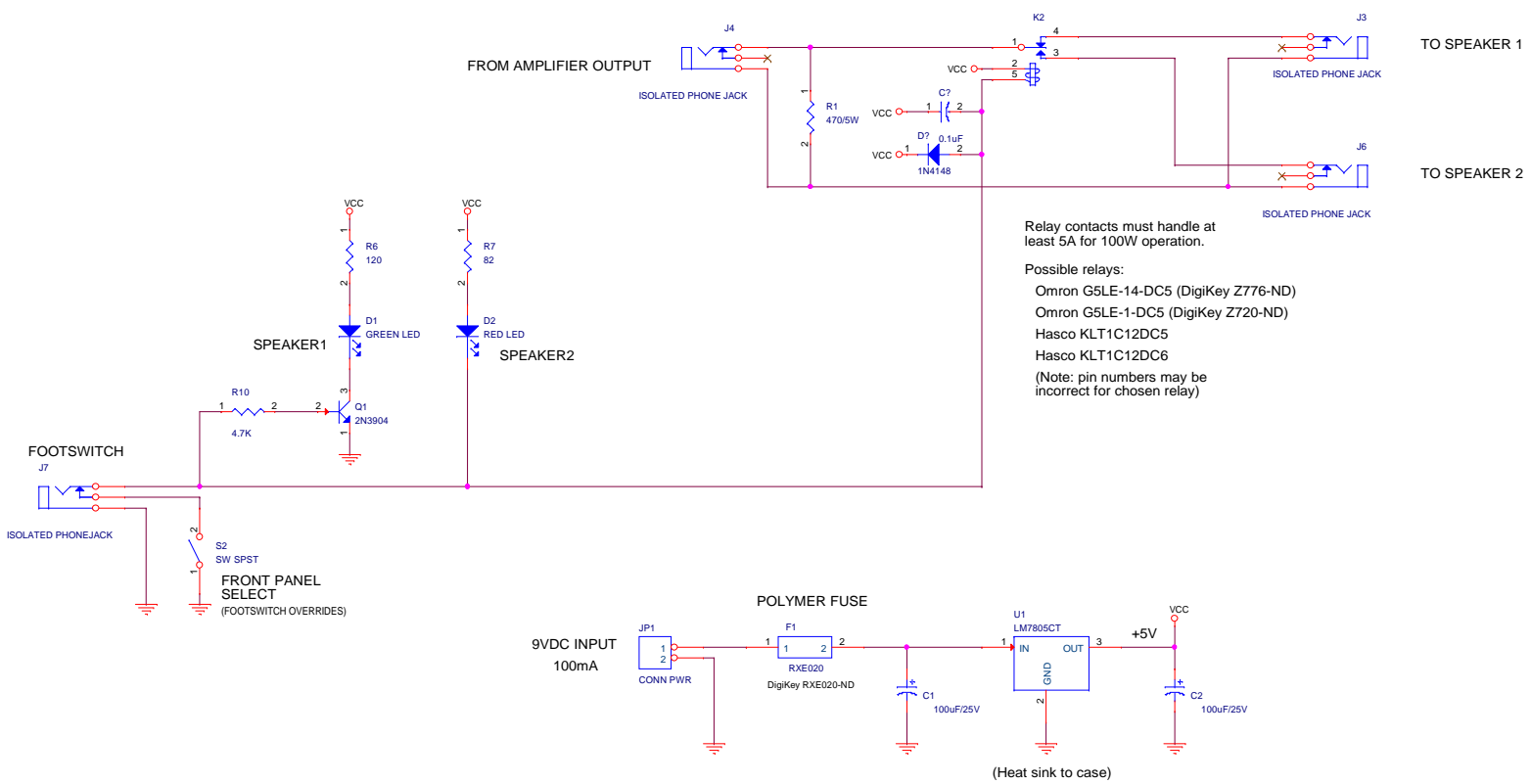


REV:	Initial design: R. Aiken
B	Added relay snubbers



Relay contacts must handle at least 5A for 100W operation.

Possible relays:  
 Omron G5LE-14-DC5 (DigiKey Z776-ND)  
 Omron G5LE-1-DC5 (DigiKey Z720-ND)  
 Hasco KLT1C12DC5  
 Hasco KLT1C12DC6  
 (Note: pin numbers may be incorrect for chosen relay)

Notes:

- (1) Suggest using a "wall-wart" 9VDC supply, such as the Cui Stack DPD090020-P-1 available from DigiKey as part number T401-ND (\$5.18 - <http://www.digikey.com>).
- (2) Use this device at your own risk! There is a chance of damaging a tube amplifier if the load is disconnected while playing. No guarantee of any kind is made as to the suitability of this device for any production amplifier. Aiken Amplification assumes no responsibility if you damage your amplifier through the use of this device!
- (3) This design is the property of Aiken Amplification, and may not be used in any commercial product without prior written permission from Aiken Amplification.

Alternately, a +5VDC "wall-wart" supply can be used. Do not exceed +6.5VDC or the relays will be damaged.

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<b>The CabSwitch: Speaker Routing Switcher</b>	
B	
Tuesday, December 14, 1999	