

REV:	Initial design: R. Aiken
2	Fixed pot reference designators
3	Fixed presence/feedback/atten values
4	Added filament wiring for V5
5	Changed decoupling resistors to 5K

Note: Channels are internally jumpered. Adjust each volume control individually for best tonal balance between the bright channel and the dark channel.

Note: if the amp is too bright at lower volume settings, remove C4, or substitute a lower value.

Note: for a cleaner tone with less distortion, remove C10.

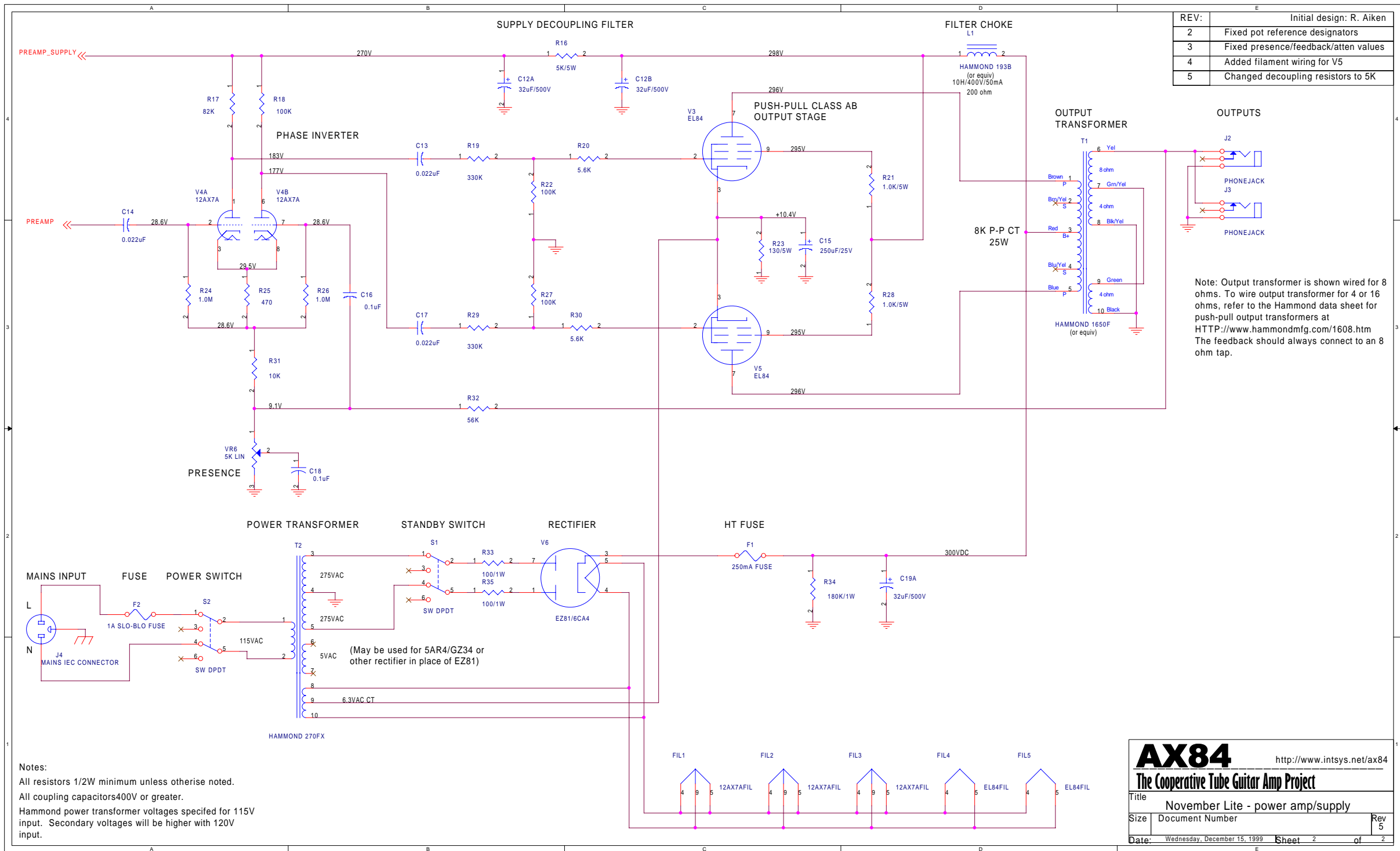
AX84 <http://www.intsys.net/ax84>

The Cooperative Tube Guitar Amp Project

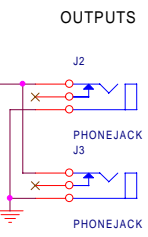
Title: November Lite- preamp

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Note: Output transformer is shown wired for 8 ohms. To wire output transformer for 4 or 16 ohms, refer to the Hammond data sheet for push-pull output transformers at [HTTP://www.hammondmfg.com/1608.htm](http://www.hammondmfg.com/1608.htm). The feedback should always connect to an 8 ohm tap.

Notes:
 All resistors 1/2W minimum unless otherwise noted.
 All coupling capacitors 400V or greater.
 Hammond power transformer voltages specified for 115V input. Secondary voltages will be higher with 120V input.

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