

18W TMB Layout

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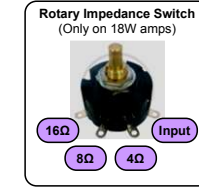
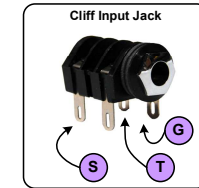
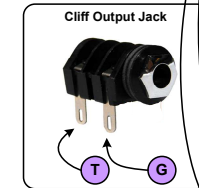
May 18, 2008

TMB Channel

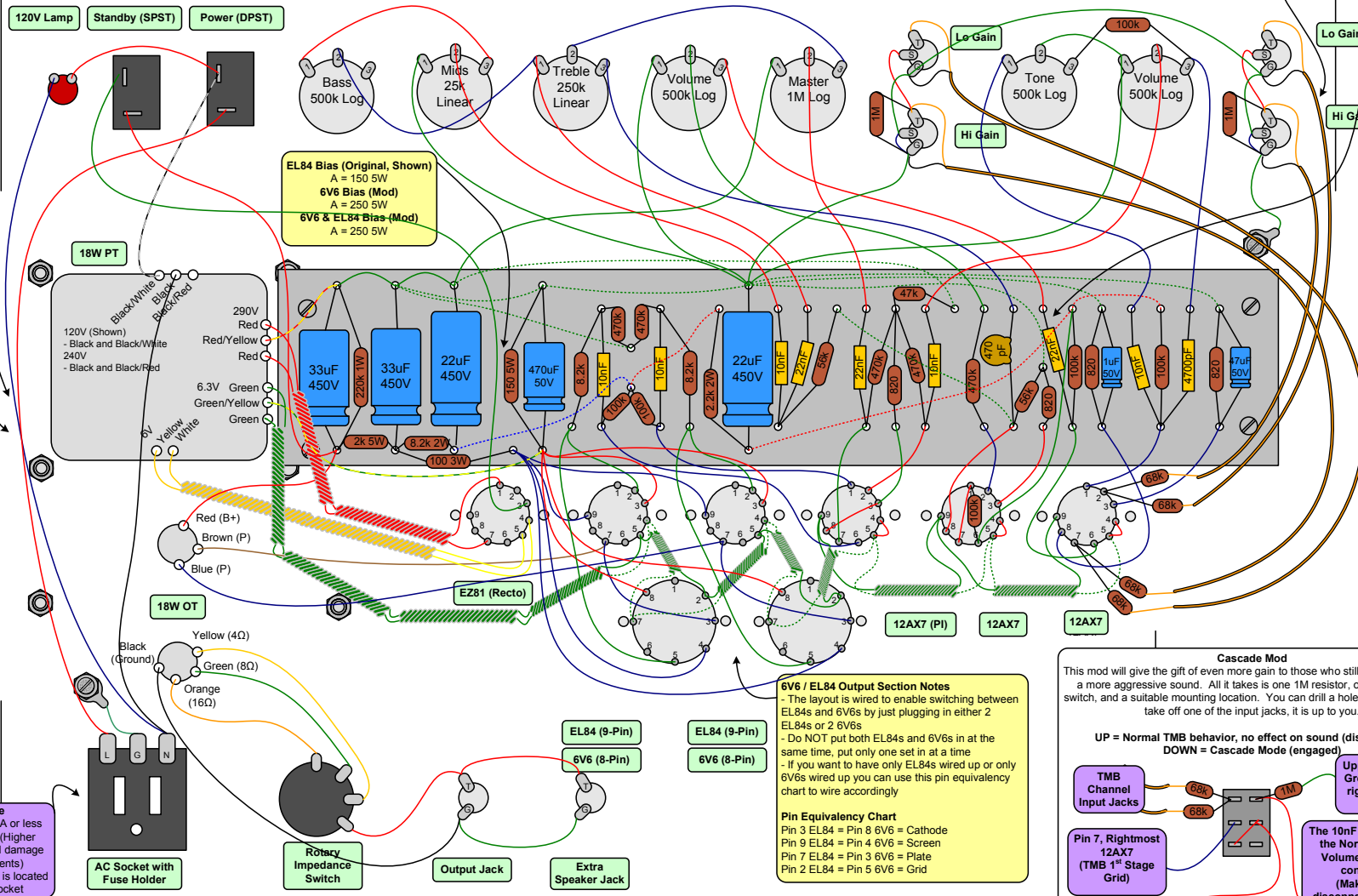
Normal Channel

Elevated Heaters
The heater center tap (Green/Yellow) is connected to the power tube cathode. This elevates the heaters by referencing a small, stable DC voltage

Unused Transformer Leads
- Cut the bare wire off
- Wrap end with electrical tape
- Roll up lead and secure to chassis

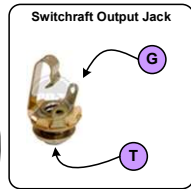
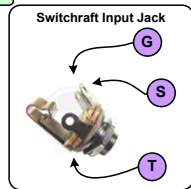


Fuse
- Use only 2A or less rated fuse (Higher ratings could damage components)
- Fuse holder is located inside socket



Shielded Wire
- The shielding is black in the layout
- The wire is yellow in the layout

EL84 Tail Resistor (Original, Shown)
B = 47k
6V6 Tail Resistor (Mod)
B = 22k
6V6 & EL84 Tail Resistor (Mod)
B = 47k



6V6 / EL84 Output Section Notes
- The layout is wired to enable switching between EL84s and 6V6s by just plugging in either 2 EL84s or 2 6V6s
- Do NOT put both EL84s and 6V6s in at the same time, put only one set in at a time
- If you want to have only EL84s wired up or only 6V6s wired up you can use this pin equivalency chart to wire accordingly

Pin Equivalency Chart
Pin 3 EL84 = Pin 8 6V6 = Cathode
Pin 9 EL84 = Pin 4 6V6 = Screen
Pin 7 EL84 = Pin 3 6V6 = Plate
Pin 2 EL84 = Pin 5 6V6 = Grid

Cascade Mod
This mod will give the gift of even more gain to those who still feel the need for a more aggressive sound. All it takes is one 1M resistor, one mini DPDT switch, and a suitable mounting location. You can drill a hole in the chassis or take off one of the input jacks, it is up to you.

