



Recapping Guide:
Pioneer MPX-GX1 Power Supply & Audio Boards
Macintosh PowerPC Clone Desktop Computer
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by Steve (Mac84) • www.mac84.net

WARNING! All information in this document is provided as-is! Although all details were double-checked, mistakes can happen. Boards, items, and components may vary. I'm not responsible for any assumptions made during any repairs. Good luck!

Diagram key

4

Capacitor reference number
(not the same ID/# on board)

-

Negative leg/side

+

Positive leg/side

Capacitor

Other component

Connection/Wire

*

Capacitor has heatshrink
wrapped around it,
measurement isn't exact.

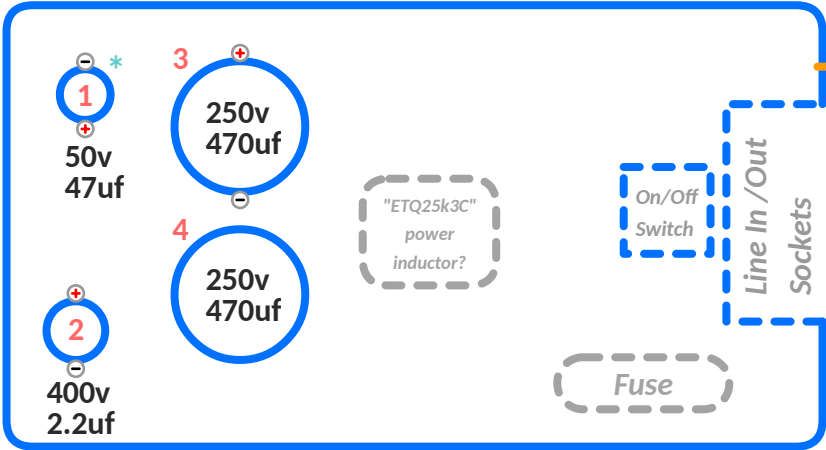
Power supply label info:

Power Supply Model:
ETXPN013MAC
Made in Singapore

Specifications:
Input 100-120/220-240V~
8.0/6.0A
50/60Hz

DC Output:
5V = 12.5A
12V = 4.5A
5V_CONT = 0.08A
-12V = 0.5A

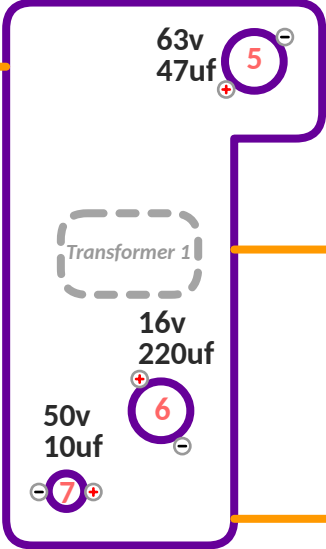
PSU Part 1: Input board



Capacitor list for Part 1:

- 1: 50v, 47uf 7mm wide, 10mm tall *
- 2: 400v, 2.2uf 10mm w, 17mm t
- 3: 250v, 470uf 25mm w, 45.5mm t
- 4: 250v, 470uf 25mm w, 45.5mm t

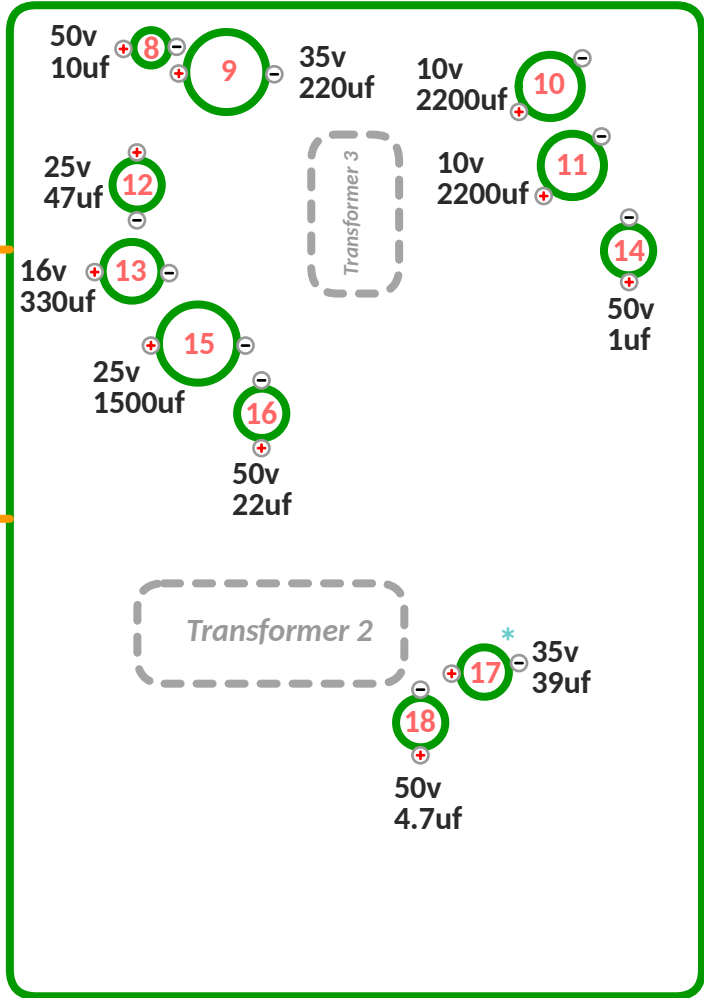
PSU Part 2: Secondary board



Capacitor list for Part 2:

- 5: 63v, 47uf 10mm wide, 12mm tall
- 6: 16v, 220uf 10mm w, 12mm t
- 7: 50v, 10uf 5mm w, 11.5mm t

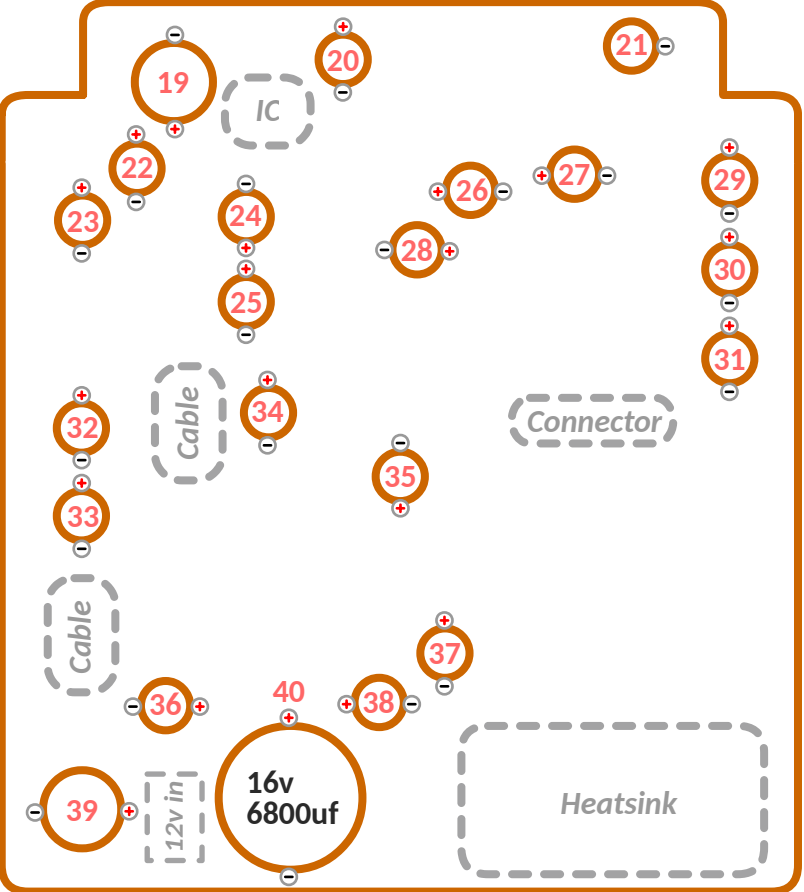
PSU Part 3: Third board



Capacitor list for Part 3:

- 8: 50v, 10uf 5mm wide, 10mm tall
- 9: 35v, 220uf 12.5mm w, 26mm t
- 10: 10v, 2200uf 10mm w, 30mm t
- 11: 10v, 2200uf 10mm w, 30mm t
- 12: 25v, 47uf 5mm w, 10mm t
- 13: 16v, 330uf 8.5 w, 10mm t
- 14: 50v, 1uf 5mm w, 10mm t
- 15: 25v, 1500uf 12.5w, 28mm t
- 16: 50v, 22uf 5mm w, 10mm t
- 17: 35v, 39uf 5mm w, 10mm t *
- 18: 50v, 4.7uf 5mm w, 10mm t

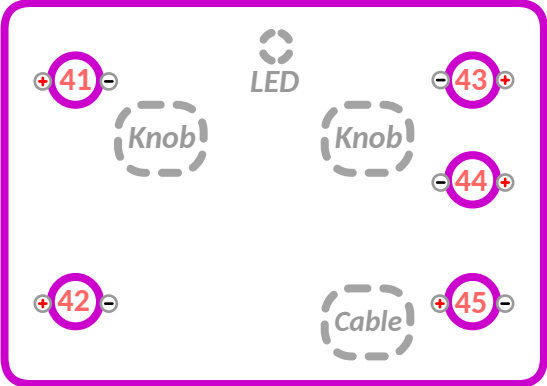
Audio amplifier board



Capacitor list:

- 19: 16v, 330uf 8.1mm wide, 11.5mm tall
- 20: 16v, 22uf 5mm w, 10mm t
- 21: 35v, 4.7uf 4.1mm w, 7mm t
- 22: 16v, 47uf 6.5mm w, 10mm t
- 23: 16v, 47uf 6.5mm w, 10mm t
- 24: 50v, 4.7uf 5.1mm w, 10mm t
- 25: 50v, 4.7uf 5.1mm w, 10mm t
- 26: 50v, 1.5uf 5.1mm w, 10mm t
- 27: 16v, 10uf 4.1mm w, 7mm t
- 28: 16v, 10uf 4.1mm w, 7mm t
- 29: 16v, 10uf 4.1mm w, 7mm t
- 30: 16v, 10uf 4.1mm w, 7mm t
- 31: 16v, 10uf 4.1mm w, 7mm t
- 32: 50v, 4.7uf 4.8mm w, 10mm t
- 33: 50v, 4.7uf 4.8mm w, 10mm t
- 34: 16v, 10uf 5.1mm w, 10mm t
- 35: 16v, 22uf 5.1mm w, 10mm t
- 36: 16v, 10uf 5.1mm w, 10mm t
- 37: 50v, 10uf 5.1mm w, 10mm t
- 38: 50v, 4.7uf 5.1mm w, 10mm t
- 39: 16v, 470uf 10mm w, 12.5mm t
- 40: 16v, 6800uf 18mm w, 38mm t

Audio volume control board



Capacitor list:

- 41: 50v, 4.7uf 5mm wide, 10mm tall
- 42: 16v, 22uf 5mm w, 10mm t
- 43: 50v, 4.7uf 5mm w, 10mm t
- 44: 50v, 4.7uf 5mm w, 10mm t
- 45: 16v, 10uf 5mm w, 10mm t