





















v0.1 done

- initial commit

v0.2 done

- Change OUT EXPANSION stereo 3.5mm jack to two mono jacks (so no adapter required), slimmer and more readily available PJ-320A footprint
- Add 3.3V to CV expansion header (if external pots etc. are to be connected)
- Add GND jumper to MIDI configuration header
- Adjust DIN MIDI socket footprint
- Bottom panel: additional M3 screw holes for more stability
- Fix swapped LED1 and LED2 labels (to conform with Axo tradition): LED1 green, LED2 red
- Swap colors on LED3 and LED4 (to conform with LED1 and LED2. Now the "color 1" of each dual-color LED is green/blue and "color2" is red)
- Increase LED resistors to 1k (green), 680R (red)
- Move encoder east by 2.5mm
- Add footprint for optional 1000uF cap on the 5V rail (if you encounter Core reboot when (un)plugging DC)
- Use 0805 resistors for LEDs and place in accessible spot

v0.3 done

- Move two mounting holes 2mm north
- Add SUM_IN_* pads for summing audio input signals. External cap and resistor required!
- Add OUTPUT_INSERT header. Can be set up as a send-receive before the output volume pot.
- Increase vertical board dimension. Adjust pot, buttons, LED vertical spacing
- Adjust gain of U7 (optional radio module amp)

v0.4 done

- Reroute some traces that were at risk of touching potentiometer chassis.
- Use NRJ6HF footprints for Line I/O Jacks instead of NRJ4HF.
- Move optional HP pot header north by 5mm.
- Tweak case dimensions, thicker silkscreen for white case option.

v0.5 done - production

- Add footprint for Adafruit PDM mic and a mic hole in the panel.
- Remove additional I2C header (avoid I2C lines running across the board), add generic power header.
- Improve DC power filtering, power and ground "entering" and "leaving" Core at only one location.
- Simplified audio signal path, doing away with the opamp buffers.
 Confine audio path to the 6-pin line in/out header coming from the Core.
- Edit "output insert" header to now include SGND pin.

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