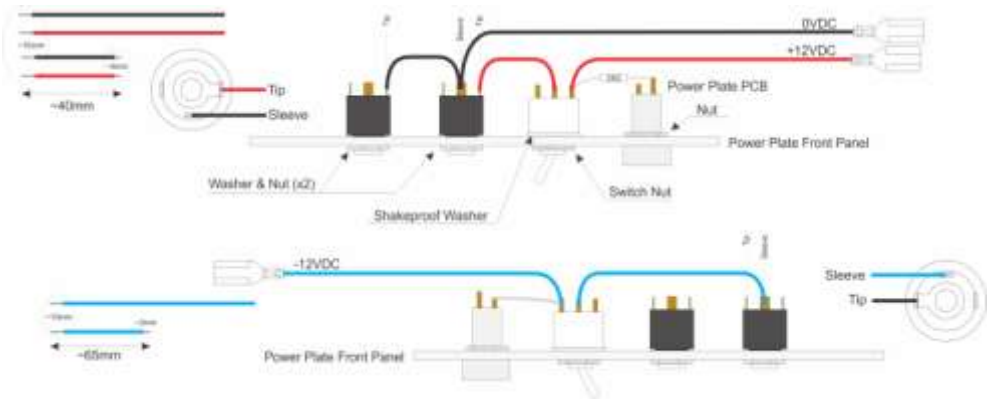
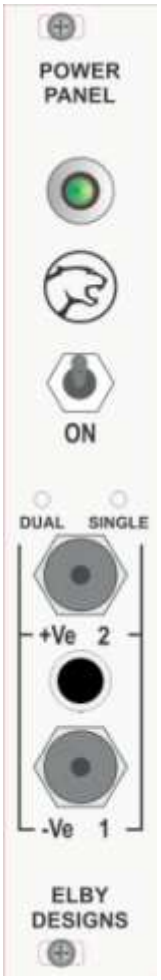
Power Panel Assembly Notes (Dual)





Refer to the above diagram when reading the following assembly notes
(click on image for a hires image)

1. Mount all panel components
2. Cut approximately 40mm off of one end of the 24/0.2 black and red wires
3. Strip approximately 3mm off one end and 10mm off the other end
4. Strip approximately 10mm off one end of the remaining black and red wires
5. Twist the 10mm ends of the red wires together and repeat for the black wires
6. Solder the wire assemblies to the front panel as shown
7. Cut approximately 65mm off of one end of the 24/0.2 blue wire
8. Strip approximately 3mm off one end and 10mm off the other end
9. Strip approximately 10mm off one end of the remaining blue wire
10. Twist the 10mm ends of the blue wires together
11. Solder the wire assembly to the front panel as shown
12. Solder the 2K2 resistor as shown between the +12V switched terminal and the LED anode
13. Use a piece of resistor offcut or similar and solder between the -12V switched terminal and the LED cathode
14. Trim the 3 wires as desired. Strip approximately 5-7mm off the ends and fit the 1/4" quick-connect tabs

Click here for the Bill Of Materials

This option uses two external +12V supplies and requires only passive busboards inside the system. The power supplies MUST have floating outputs.

The bottom DC jack provides the -12V rail input while the upper jack provides the +12V rail input.

BOTH supplies must have Tip = +12V.

The maximum rating with this option is 5A PER rail. Each supply can be rated differently if desired eg 12VDC @ 2A for the +12V rail and 12VDC @ 500mA for the -12V rail

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