

A summary of the changes to the RE-909 Rev2 boards.

We have made some minor changes to the RE-909 boards and would like to inform you about them. They are basically just some board printing corrections and improvements.

The biggest change concerns the sequencer board:

Here we now **use different LED switches**, which not only look better, but they have a different height than the switches of the first version. They also let you remove the button caps and they are translucent (Ice). We also made **adapter boards** to raise the height of the LED pushbuttons by another **1.6 millimeters**. This makes the keycaps of the step-buttons a bit lower, which of course looks much better. **An updated assembly instruction for the Rev2 sequencer board is available.** The instructions for the Rev1 boards remain valid.



The next change concerns the audio board:

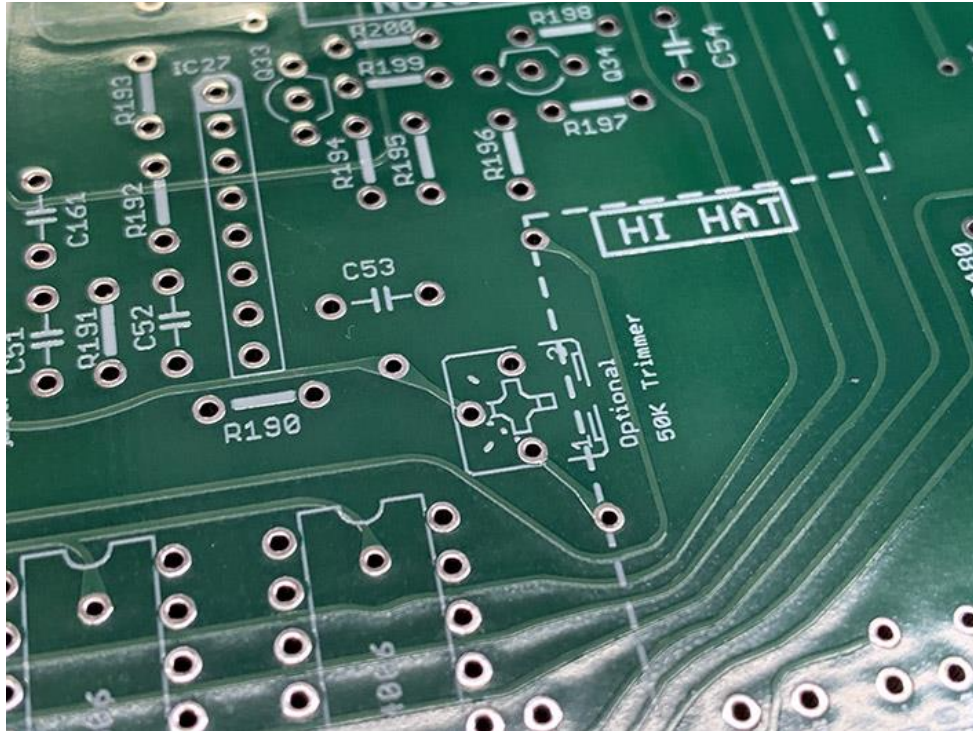
Here we have created additional space for the 10nF film capacitors. This eliminates the fiddling with capacitors on the bottom side of the circuit board.



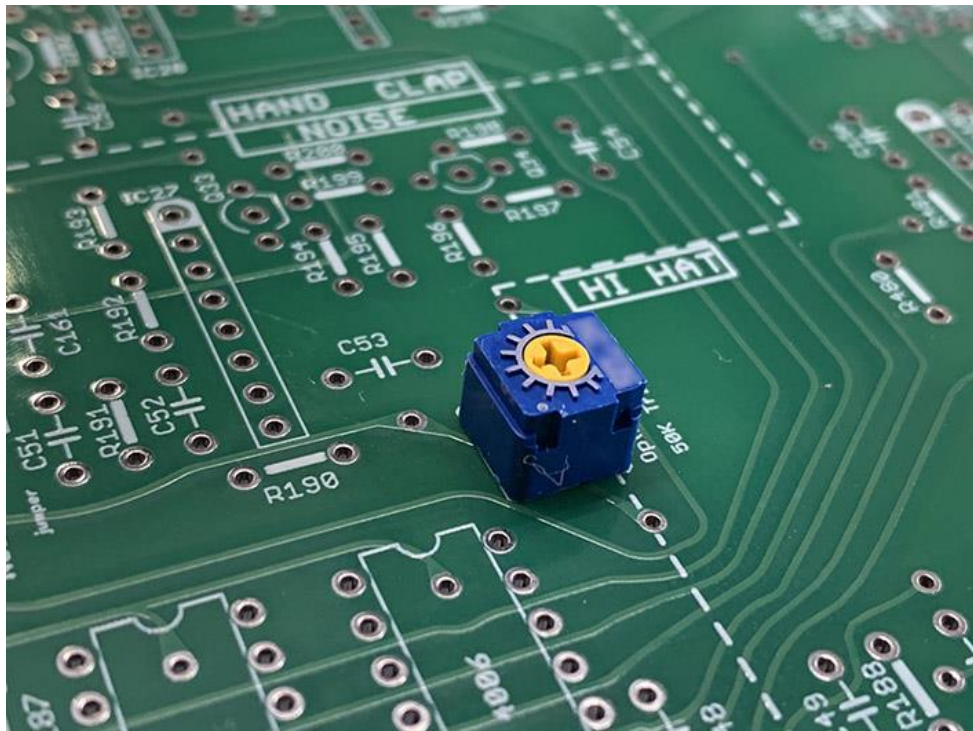
Another change concerns the voiceboard:

Here it's basically **minor changes** and corrections in the platinum print.

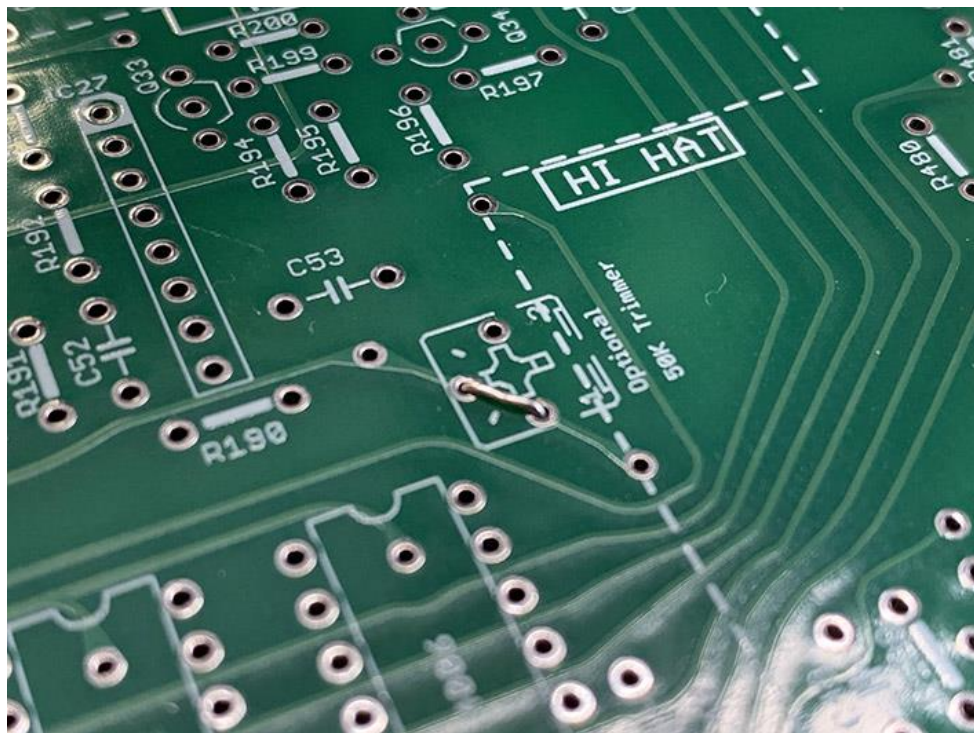
First of all, we have created a possibility in the path for the white noise signal to be able to use a **50KB trimmer** if it happens that the noise signal is **too strong** and snare or clap noise too much. Lowering the noise signal with a trimmer **makes more sense** than changing the components in snare or clap. This way it is possible to adjust the signal strength as desired.



With trimmer:

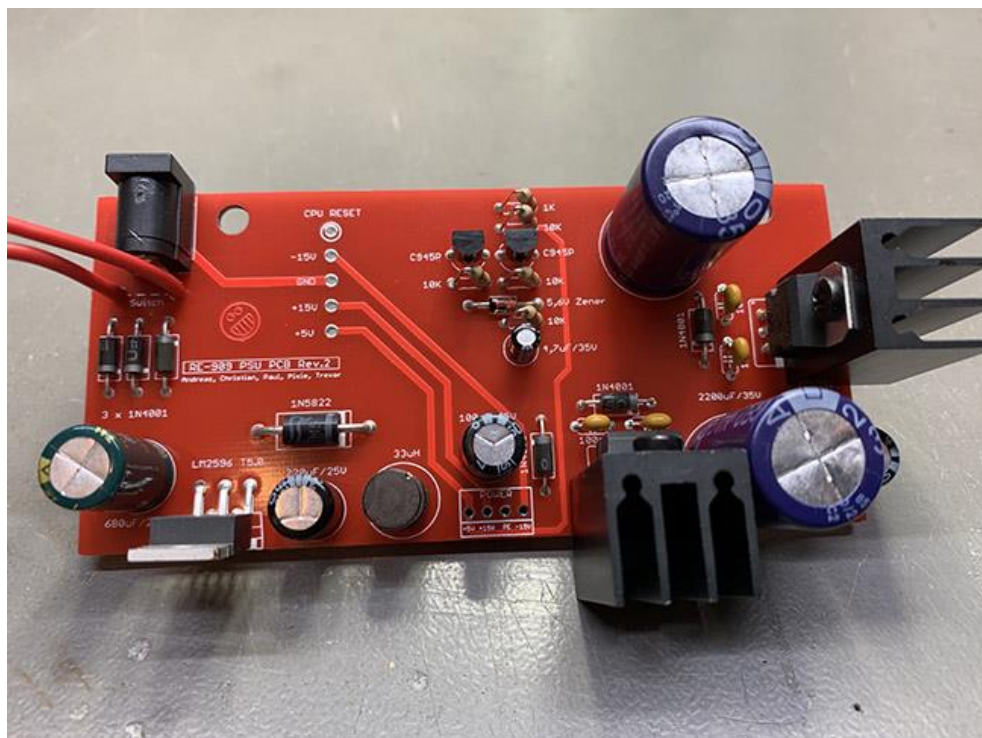


If someone does **NOT** want to use this trimmer and **prefers to fiddle in the components** of the instruments, he simply sets a jumper at this point. **The trimmer makes things easier... try it out!**



Another change concerns the Safety PSU:

We have changed the PCB so that all cooling elements are now located on the outside and thus normal sized heatsinks can be used. In addition, the boards have been optimized to accept the **Wakelfield-Vette** heatsinks, which have two solderable retaining pins. The initial startup problem of the CPU on the sequencer board due to a wrongly controlled diode has been solved. **An updated assembly manual incl. parts list is available.**



The last minor change concerns the transformer PSU:

The board for the transformer PSU has been optimized for the 25 and 50 millimeter Wakefield-Vette heatsinks only. The 25mm and 50mm heat sinks are available at Mouser and Digikey. Assembly instructions are **available on request**, incl. the parts list.

