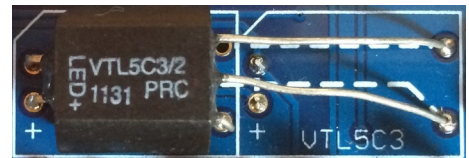


The LPG Strip Card for 208 Build notes

To use a VTL5C3/2 dual vactrol, bridge the LED holes of the right spot with a component lead, there's a small stripe silkscreened, and install the vactrol as pictured. Do not use a Xvive VTL5C3/2, their decay tail is too short and no difference can be heard between the comb and LPF modes.

Both the VTL5C3 vactrols or VTL5C3/2 dual vactrol should be selected in order to have a significant difference between the LPG's LPF and comb modes, in LPF mode the sound should be dry, with no or a very short tail, less than 0.5 second. A lower amplitude in VCA mode is normal.



If you don't have a vactrol test rig, you can insert the vactrol's leads into the holes in order to do contact without soldering to do the selection on test and solder only when you're happy with the result.

Aluminum electrolytic caps can be used instead of the tantalum beads, it makes no difference in sound.

The 1k 'LED' resistor sets the LED's brightness, feel free to use other value.

No calibration is needed but with the 'CV resp' trimmer you can adjust the LPG's response to CV in order to best fit your own preference and 208.

The 10 ohms vertical resistors are fuses, if the magic smoke escapes there's a problem on the card such as a short or upside down IC.

The Cliff vertical minijack sockets also accept tinijax.

The CV inputs to the level and mode can be either a minijack or a banana socket. For banana, enlarge the guide hole to 5mm to the tab.

Last but not least : read the users manual.

