



GOD'S BOX - LOLLIPOP MK2 BUILD DOCUMENT

- 1. Insert and solder 2x5 pin power header on the bare side of the PCB.
- 2. Solder the Vactrol on the same side as the header **NOTE:** orientation matters for the vactrol.
- 3. Next solder the 2 x blue side adjust trimmers, these are placed on the same side as the SMD components with screws facing the edge of the PCB. 10K = 103 and 5K = 502.
- 4. Now solder the 2N3819 FET to the holes labelled 'S-G-D' (next to where the toggle switch will go). **NOTE:** orientation matters, be sure to match the curved side of component with the curve on the PCB silkscreen.
- 5. Now place but **DON'T SOLDER YET** the potentiometers, jack sockets, switches and LED bargraph. **Be sure to match the pot** values with the PCB silkscreen.

NOTE! Orientation matters for the LED bar. One of the corners is flattened - make sure you align this with the PCB silkscreen. Now you can carefully place on the front panel and screw the nuts and washers onto the pots, jacks and switch. **NOTE:** Read the next step before soldering the LED bar



- 6. The module looks much nicer when the LED bar is soldered flush to the front panel. Secure the panel by screwing a few nuts and washers onto the pots, then make sure the LED bar is lined up straight to the panel hole. It's a good idea to solder a single edge pin of each row and then check that it's still lined up straight before proceeding with the rest of the solder joints this way you can still re- position it if required.
- 7. Now you can solder in all the pots, jacks and switches and then place the seven knobs onto the pots. Be sure that the pot values match with the PCB silkscreen!
- 8. The module is now complete. Affix the power cable as shown with the red stripe down. The red stripe should always be facing the PCB text label 'RED HERE -V'.

The Lollipop calibration instructions can be found here:

www.thonk.co.uk/documents/gbox/lollipop/lollipop%20calibration.pdf

(Offset calibration is no longer necessary)