

Additional Controller LFO BUILD NOTES

**ATTENTION: the PCB omits diode D2. i found the trigger to be fine without it.**  
however, if you experience occasional double triggers, solder it in parallel to R44.

**ATTENTION: the P-JFET 2N5461 comes in different pinouts!**  
so check the datasheet of the specific brand you use!  
(thanks to rosch for this find)

Parts for the Control PCB

two switches are needed, a DPDT on-on-on (S2A) and a DPDT on-on (S1A). don't confuse them.

for the pots any vertical mounted 3-pin 9mm pot should do, i used alpha and alps  
(for the values needed refer to thomas' schematic).

for the jacks i used the PJ301-BM. there is a new high quality version available  
with berillium copper from

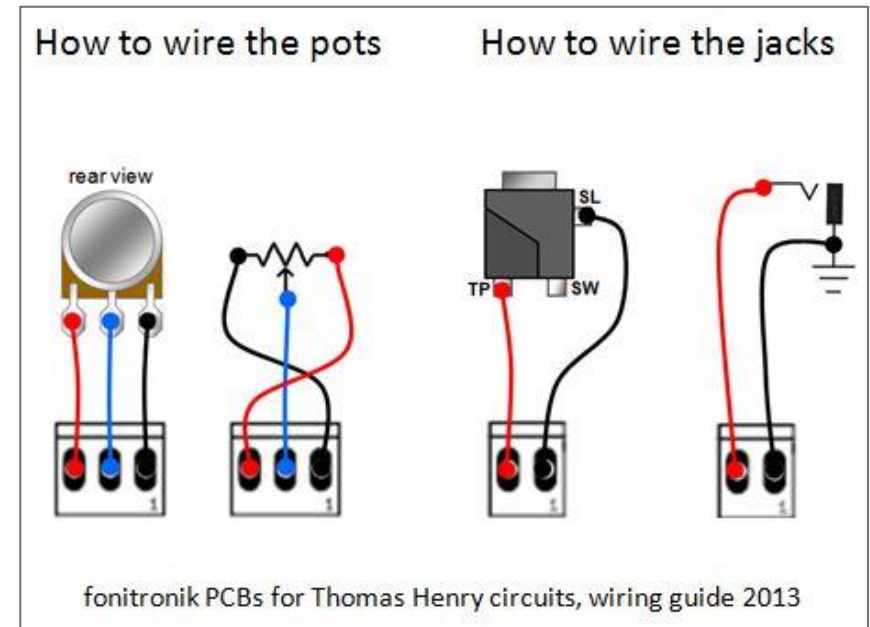
[THONK \(Europe\)](#)

or

[ERTHENVAR \(USA\)](#)

to connect the control board to the circuit board you will need single row headers  
and receptables.

if you build the LFO w/o the eurorack frontpanel components PCB you  
will have to manually wiring it up, which is a very reliable and easy to  
service solution IMHO. here is a diagram showing how the MTA-100  
headers refere to the components:



Link to original Documentation

<http://electro-music.com/forum/post-367048.html>

