

TTSH Mod VCF Input coupling

Source: <http://www.muffwiggler.com/forum/viewtopic.php?t=98954&postdays=0&postorder=desc&start=100>

 this MOD works in TTSH Version rev.1, rev.2, rev.3 (pcb version 7- 8.x)

The filter input is B.A.D. (Broken As Designed)

It has DC coupled inputs for the VCO outputs and the pulse, square and saw waves have a 5V DC offset.

There are no coupling caps inside the filter.

So it is *designed* to give a massive *THUMP* when the VCA opens.

If you trim the Filter offsets for minimal thump with these offsets still built in, the best setting depends on the patch...

Have a look at the PCB, the TTSH has one single mod pre-thought: adding caps to the filter input.

Values can be in range of 470nF to 1uF bipolar - I used polyester or polypropylen capacitors

(Speaking of "making the thing usable": this is one of the changes I would consider mandatory if you want to use an ARP2600 for more than fx sounds.)

