



ON this board we have 3 micromatch Connectors, which are crimped fast on a cable
 On the other side of the cable you have to solder directly to the Base-PCB,
 be carefull while soldering - and follow the schematic, which is layout for 3.5 Jack Midi Type B!



Schematic

Hardware Requirements

- [midiphy LoopA caseless Kit](#)
- Soldering Iron - with a Dip that can Handle Thruhole-Parts, solder Paste...
- The other Parts from the BOM

Building and BOM

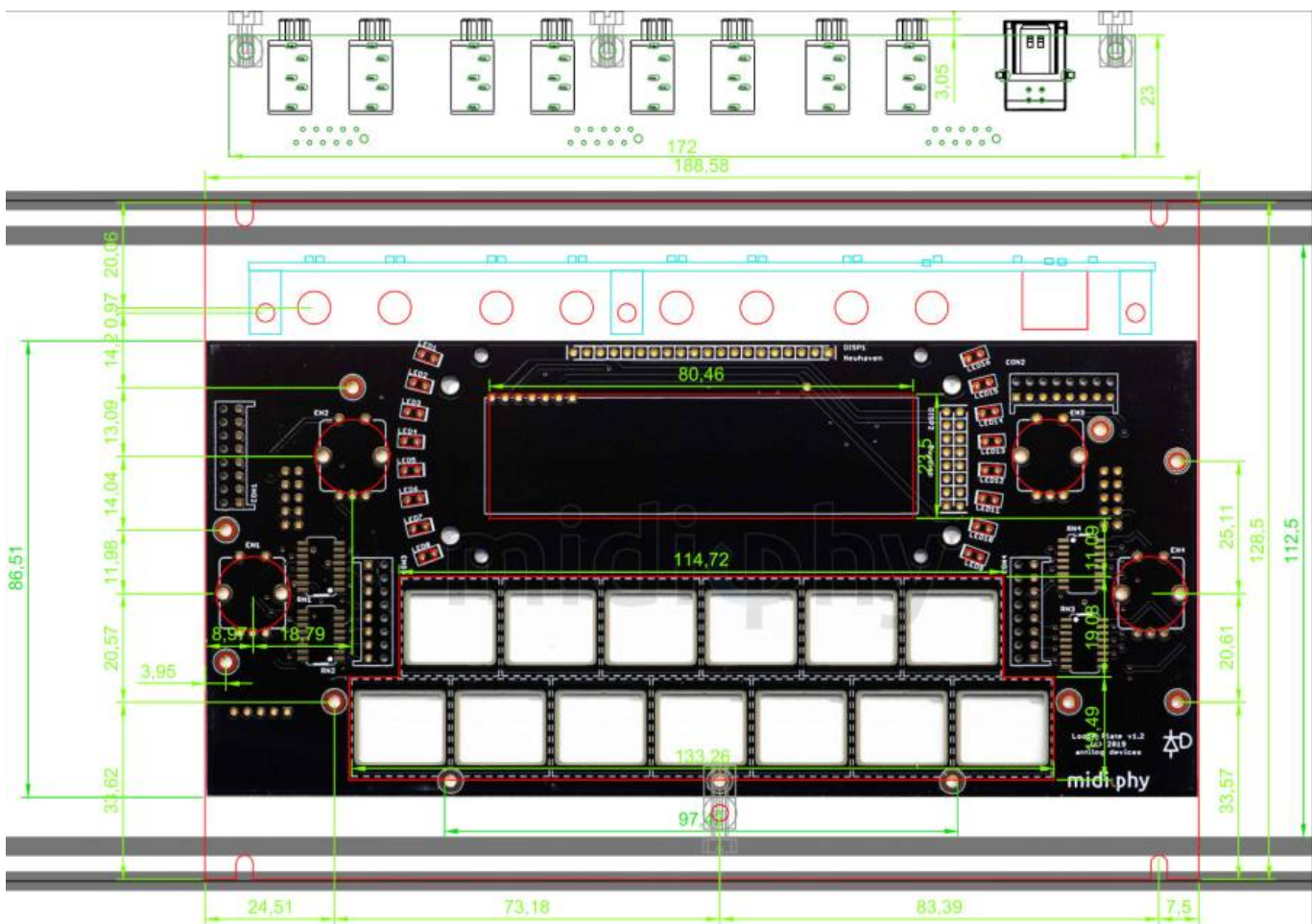
All necessary Information is printet on the PCB, but also check the Schematic...

5x [Leiterplatten Montageblock aka Standoffs](#)

- 3x [Micromatch Socket 2x5Pole 1,27mm](#)
- 6x [Micromatch Crimp Connector](#) you need only 3, the 3+ is for fails by crimping
- 1x [Flat Cable 1,27mm pitch](#)
- 1x [USB-Socket](#)
- 8x [3,5 Audio Jack](#)

And there will be some additional Fasting Material, like bolts, Screws, Standoffs, that i dont know right now, because the first prototype has to be built first...

Frontpanel



I made a DXF File which you can send to: (once the prototype state is gone)

[Formulor in Germany](#) - for Acrylic 2Pieces incl shipping 42€

[frontpanels.de](#) in germany my choose

[The Beast - UK](#)

[Schaeffer-ag.de](#)

Recommend Material

3mm x 128.5 x 188.58 Aluminium, anodised

To Do

waiting for the PCBs and Panels... since the Panels are reverse - engineered - its praying for good luck!

Community users working on it

- **Phatline** = PCB & Schematic, Documentation...

Just let a Private message on the forum to user already involved.

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