Twitter Thread by Felixoid Sage ■



Felixoid Sage ■
@mr_felixoid

Soooo, I'm so exciting to present my own version of the magnetic connection for @UltHackKeyboard!

Inspired by https://t.co/xRG70VmsPk and https://t.co/koCfb4sRDv

@UltHackKeyboard So, I've used NetDot Gen10 Micro USB for the task.

I unwrapped one of the micro USB father part and get rid of the plastic in it.

@UltHackKeyboard I've decided to glue it on RJ10 socket, as far as I've found, this is the best place to put the second socket. Yep, I'm still have the default one miniusb!

To have an even surface, Ive cut a little bit the trails on RJ10

@UltHackKeyboard I've found it challenging to solder wires to the magnetic connector's pins, so made it in the another way.

I've made holes in wires with a needle. So then just put wires ON pins.

@UltHackKeyboard The next. Glueing a socket to the RJ10. Since the force profile will change, it's necessary to enforce the RJ socket. So I've glued it on the perimeter.

Then the mag-usb is put to the socket. It's the only fixing thing for wires on usb. Glue for the God Of Glue!!

@UltHackKeyboard Wiring. I have a very thick solder sting, but still was able to do decent. More or less :-j

The holes should be avoided to be able fit the case. And in the case itself I've had to remove some enforce edge to place PCB back (3d image).

@UltHackKeyboard The case's hole drilling was a 100-iterations-operation. Put the case, make tiny hole, see the fit, make more, use the sharp rasor to shape it, check cable fit, repeat cutting...

But it worth it many times!

@UltHackKeyboard Many thanks to @UltHackKeyboard! It's a pleasure to mod the keyboard. Soldering done on the highest level, case plastic is very nice to cut.

I'll buy some more cables with different length, so won't need to take them from home to office. And again, have the default mini USB.

@UltHackKeyboard Here's the one-page thread https://t.co/luUShM5A5h

Thank you for reading!
#uhk #UltimateHackingKeyboard