

## 10. Tightening encoders on Model 2A

It is easy to do it and in fact we have designed the controller in such a way so that encoders can be replaced easily without the need of soldering or a technician.

This makes the controller easy to repair and maintain when needed.

Remove the top knob top cup by pulling it gently from its base.

You will see the encoder and at its base a nut.

That is the nut that needs to be tightened.

Unscrew the bottom cover. It is ok to unscrew the bottom cover because the MP Controller is made to be rack mounted and you can pass all the ports from the bottom hole on the cover.

Hold that encoder with your fingers from the inside so that it does not turn and use a 10 or 12 key tool to gently tighten it a bit.

Not too much, just to feel it is tight enough.

See a video [here](#)

Place the back cover on and screw it back, place the knob cap and this is it.

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