



## Keypad Matrix 12mm tac switch matrix

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VIEW IN BROWSER

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### Summary

this is a 4 x 4 keypad matrix cage for 12mm tac switches with keycaps that are available on Alied Express. These tac...

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this is a 4 x 4 keypad matrix cage for 12mm tac switches with keycaps that are available on Alied Express. These tac switches are very inexpensive, and this little matrix keyswitch cage keeps everything straight. Works well.

I was just going to glue it to the pcbboard, but a buddy suggested I add a flange and screw holes to be secured to the pcbboard... so i did. but because it prints upside down one must use supports for the countersunk screw area. :)

i also added a taller key cage so the keycaps just barely poke up, very nice look, and no holes as I think it can be glued down to the pcbboard easily... :) I may add a taller one with holes. :)

link to keypad switches:

<http://www.aliexpress.com/item/Free-Shipping-100pcs-lot-12x12x7-3-mm-Tactile-Switches-With-Square-Cap-Tact-Switch-12-12/2054970547.html>

took about a month to get, but they came! :)

## Print Settings

### Rafts:

Yes

### Supports:

No

### Resolution:

200 microns

### Infill:

15%

### Notes:

printed up real nice on my Makerbot Replicator 2 :) printed upside down on a raft, but if printed in ABS on a heated glass plate, i would not do a raft... :)

Category: Electronics

## Model files



**12mmtacmatrix.stl**



**12mmtacflange9mmtallnoholes.stl**



**12mmtacflangelargerwhole.stl**



**12mmcagefinal.stl**



**12mmtacflangenoholes.stl**



**12mmtacflange9mmandholes.stl**



**12mmtacflange.stl**

[Find source .stl files on Thingiverse.com](#)

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