

# Custom Keyboard

## Guide

<https://medium.com/swlh/complete-idiot-guide-for-building-a-dactyl-manuform-keyboard-53454845b065>

## Case

<https://dactyl.mbugert.de/manuform>

manuform-any.json

```
{
  "keys": {
    "columns": 7,
    "rows": 6,
    "thumb-count": "six",
    "last-row": "two",
    "switch-type": "box",
    "inner-column": "normie",
    "hide-last-pinky": false
  },
  "curve": {
    "alpha": 12,
    "pinky-alpha": 12,
    "beta": 36,
    "centercol": 4,
    "tenting": 15,
    "rotate-x": 180
  },
  "connector": {
    "external": true,
    "type": "none",
    "micro-usb": false
  },
  "form": {
    "stagger-pinky-y": -13.0,
    "thumb-cluster-offset-x": 6.0,
    "hotswap": false,
    "stagger-index-y": 0.0,
    "thumb-middle-left-tenting-y": 69.0,
    "thumb-top-left-offset-y": -16.0,
    "wire-post": false,
    "stagger": true,
    "stagger-ring-z": 0.0,
  }
}
```

```
"thumb-top-right-tenting-y": 69.0,  
"wall-thickness": 3.0,  
"stagger-middle-z": -6.5,  
"screw-inserts": true,  
"web-thickness": 5.0,  
"thumb-top-left-tenting-z": 69.0,  
"thumb-top-left-tenting-x": 69.0,  
"thumb-middle-left-offset-x": -53.0,  
"stagger-middle-y": 2.8,  
"thumb-middle-left-offset-z": -12.0,  
"thumb-middle-left-offset-y": -26.0,  
"height-offset": 4,  
"thumb-middle-left-tenting-x": 69.0,  
"wide-pinky": false,  
"thumb-top-right-offset-x": -15.0,  
"stagger-index-z": 0.0,  
"thumb-top-right-tenting-z": 69.0,  
"thumb-cluster-offset-z": 7.0,  
"custom-thumb-cluster": false,  
"thumb-top-right-tenting-x": 69.0,  
"stagger-ring-y": 0.0,  
"thumb-middle-left-tenting-z": 69.0,  
"thumb-top-left-tenting-y": 69.0,  
"thumb-top-right-offset-y": -10.0,  
"thumb-top-right-offset-z": -5.0,  
"thumb-top-left-offset-x": -35.0,  
"thumb-cluster-offset-y": -3.0,  
"thumb-top-left-offset-z": -2.0,  
"stagger-pinky-z": 6.0  
},  
"misc": {  
  "keycaps": false,  
  "right-side": true  
}  
}
```

## Firmware

<https://config.qmk.fm/>

From:  
<https://wiki.web.home.dark-link.info/> - Patchouli's Library

Permanent link:  
[https://wiki.web.home.dark-link.info/doku.php?id=misc:custom\\_keyboard&rev=1664718692](https://wiki.web.home.dark-link.info/doku.php?id=misc:custom_keyboard&rev=1664718692)

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