



MX Cherrybox Leverless Arcade Stick Fightstick Hitbox



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Summary

One of my early designs for a hitbox/leverless arcade stick, something light and portable.

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[mxcherry](#) [hitbox](#) [arcadefightstick](#) [leverless](#)

An all button fightstick also known as a hitbox or leverless arcade stick. Beats having a joystick as it's quicker and more precise with movements. This is an early design of mine that I attempted designing one. Functionally works but isn't perfect. Great cost-effective way to try one of these things before taking the plunge into buying a premade one. Still needs the following to work; controller pcb (brook pcb), keyboard switches x18, wiring, and usb cable.

Print Face down and with supports for the Top and the rest can be support-less. Infill of around 15-30% is fine with 4-5walls.

Menu Buttons are optional feel free to just use spare keyboard keycaps.

Edits/Change Log:

28-Aug-2023:


Added new layout for Street Fighter 6 (SF6).
Added keycap models for menu/auxiliary buttons


13-July-2023:


Obsoleted the Menu Button. Use something like **Flat MX Keycap by Shib Mc Ne** for a more comfortable and aligned keycap for the menu buttons.
<https://www.printables.com/model/67474-flat-mx-keycap>


Added Step Files of the Base, Top and Southpaw components.


Model files


 **Step Files** 4 files


 **cherrybox-base.step**

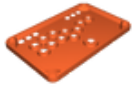
 **cherrybox-top.step**

 **cherrybox-southpaw-top.step**

 **cherrybox-sf6-top.step**

 **Old** 1 file

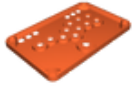
 **buttonmenu-old.stl**
☐ Use Flat MX Keycap found on Printables



cherrybox-top.stl



cherrybox-sf6-top.3mf



cherrybox-top-southpaw-lefty.stl



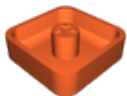
cherrybox-base.3mf



button24mm.stl



button30mm.stl



buttonmenu.stl

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