



Leap Motion controller chest mount



Rhylo Night

[VIEW IN BROWSER](#)

updated 13. 10. 2023 | published 13. 10. 2023

Summary

A Leap Motion controller mount that straps to the chest

[Gadgets](#) > [Computers](#)

- Features:
 - Use inexpensive GoPro chest mount
 - Can be mount using screws or double sided tape
 - Left/right symmetrical, ambidextrous
 - Includes ziptie tie down points for strain relief
 - Include window for on/off indicator LED
- Details (please refer to the **third picture**):
 - **A:** This mount is designed to be drop in replacement of a GoPro chest mount and uses it's straps and buckles.
 - Just search **GoPro chest mount** online, the price usually ranges from 10 USD to 20 USD
 - There are several models on the market, please buy ones that's indential to the **forth picture**
 - There are four straps that connect to the GoPro mount, there are slots on the mount, slide the straps to release them from the mount

- **B:** Four hexagonal holes for inserting four M3*10mm hexagonal female-female standoffs.
 - These are **only needed** if you want to use screws and the lid to secure the Leap Motion controller in place as seen in the first picture
 - The holes are design for an inteference fit to the standoffs, you could add a drop of superglue if they are loose in your case
- **C&F:** The mount is designed to be a snug fit to the Leap Motion controller, it shouldn't fall off of the mount if you use strong double sided tape (or VHB tape) on the back of the Leap Motion controller. C&F are both features that help you pry the Leap Motion controller off the mount when needed.
- **D:** Viewing windows for on/off indicator LED
- **E:** Ziptie tie down points for cable strain relief, they are designed for 2.5mm wide zipties. This feature is designed to be a layer of defense for the USB port in case the cable got caught.
- Note: The lid does not cover up the actual black glass part of the controller, it does not affect tracking performance base on my own testing.

Model files



leapmotion_chestmount_lid.stl



leapmotion_chestmount_base.stl

License

This work is licensed under a
[Creative Commons \(4.0 International License\)](https://creativecommons.org/licenses/by-sa/4.0/)

Attribution-ShareAlike



- ✗ | Sharing without ATTRIBUTION
- ✓ | Remix Culture allowed
- ✓ | Commercial Use
- ✓ | Free Cultural Works
- ✓ | Meets Open Definition