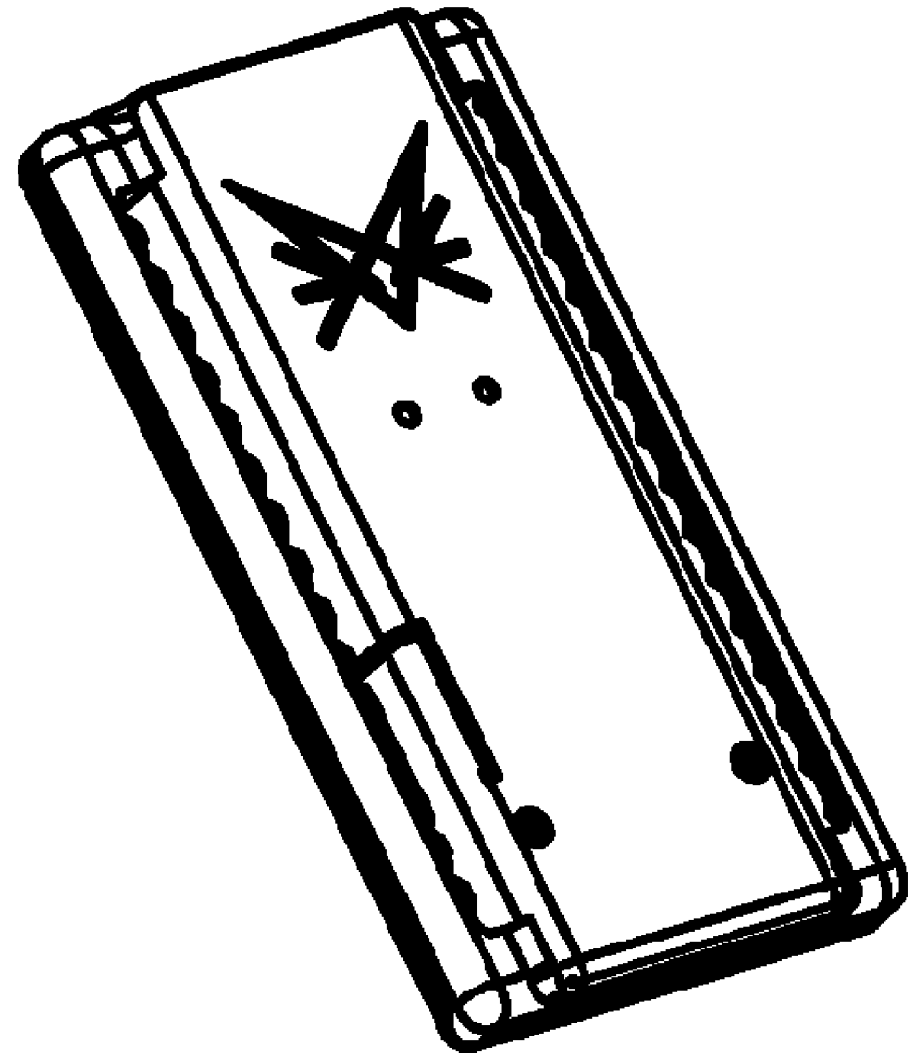


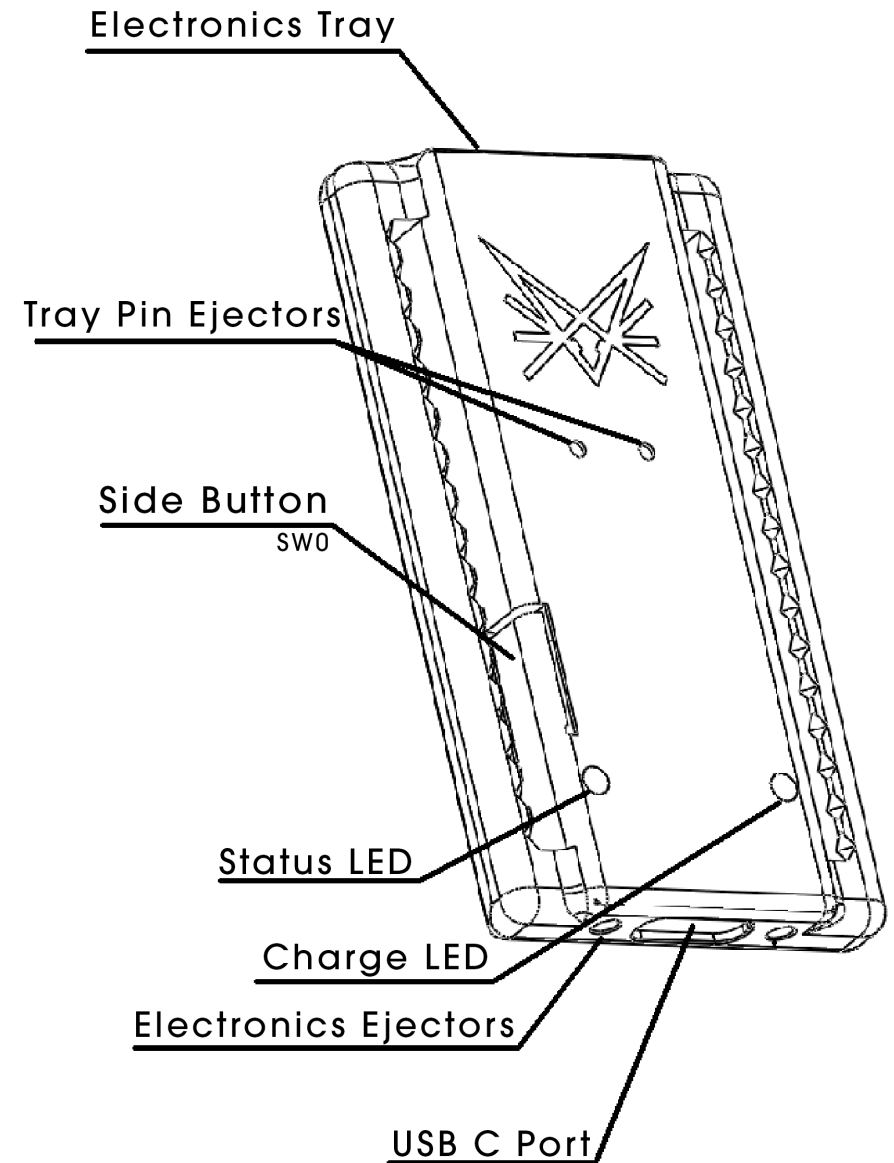
Macroplastics ✖

MP-S-4.4.x

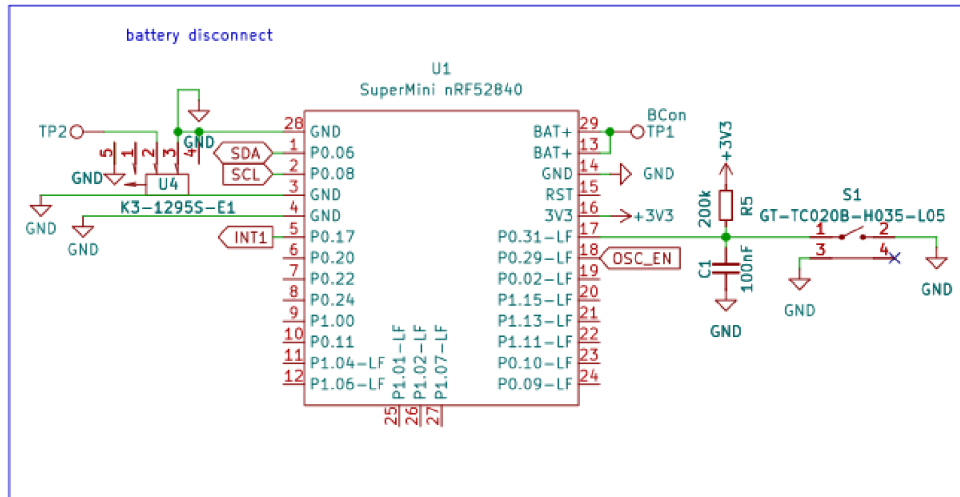
User Manual



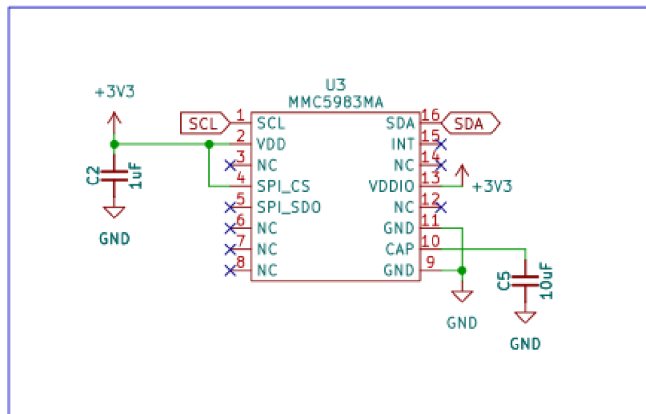
Product Diagram



MCU



MAG



Setup Guide

Installation

1. Download the SlimeVR Server at:

slimevr.dev/download

2. Launch the installer, install the SlimeVR Server, then launch it

3. Install the SlimeVR driver into SteamVR:

- Start SteamVR, go to Settings > Manage Add-Ons
- Enable the SlimeVR Addon
- Restart SteamVR

4. Plug the Dongle into your computer.

5. Press the side button on the trackers to turn them on. They should be paired already.

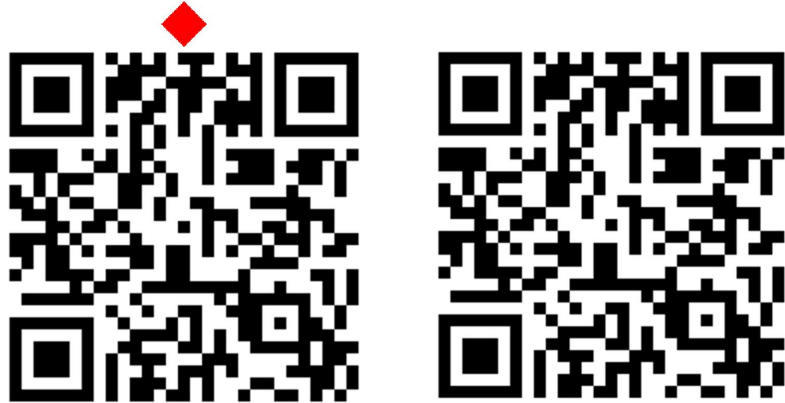
6. Done! Your trackers should appear in the SlimeVR Server. 3

Attributions

i didnt make the WHOLE thing...

Firmware

github.com/SlimeVR/SlimeVR-Tracker-nRF



My PCB is based off Sctanf's slimenrf r3
github.com/SlimeVR/SlimeVR-Tracker-nRF-PCB

You can find all files for these on Github
<https://github.com/Zipra1/SlimeNRF-Fuimini>
this one i did make ^w^



Setup Guide

Using your trackers

Alignment

Put your headset on and launch both the SlimeVR Server and SteamVR. You should see the Trackers appear in SteamVR as Vive trackers.

Stand up and look forward. Keep your feet in line with your shoulders and pointed forward. Triple-tap your left thigh tracker to full reset. You will hear a jingle from the SlimeVR Server.

If it won't activate, you may need to increase the "Trackers over threshold" value in the SlimeVR Server settings, or you can manually press the "Full Reset" button in the SlimeVR Server Home screen. Do this at the start of every VR session.

You should now be able to use your trackers in games!

Yaw Resetting

Because these are IMU-based trackers, they drift over time. Your drift times (the time it takes until the drift is noticeable) will vary on the tracker type you ordered and your environment.

To reset the drift, you have to Yaw Reset. Double tap the chest tracker, or press the button in the SlimeVR Server.

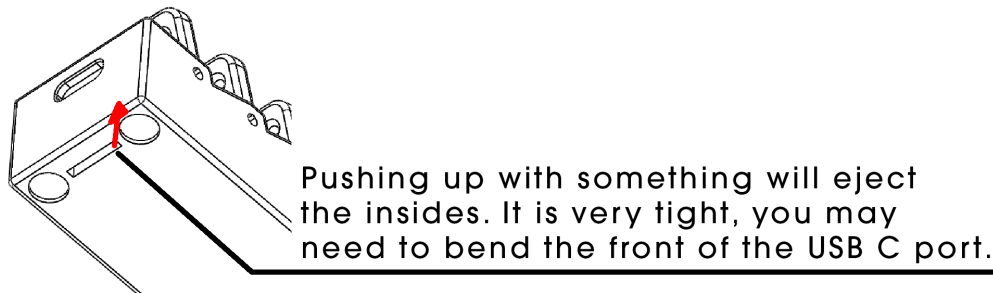
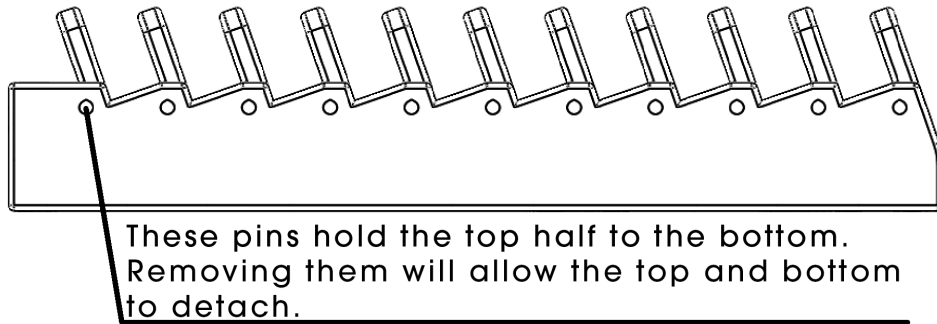
Dock

screwdriver required

Dock comes with 2 drywall screws. Due to the weight of a fully loaded dock, it can't be mounted with sticky strips.

I recommend lining it up by placing a piece of paper over the mounting holes and scribbling over it with a pencil. That will leave a perfect image of the mounting holes, and you can line up the screws on your wall perfectly.

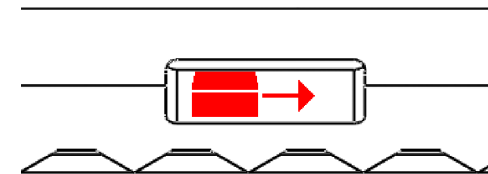
Disassembly



Repair Guide

Hopefully you never need to know this

If there is an issue with the tracker, the first thing to try is a hard reboot. You will need a small metal pin, such as a paperclip or SIM Ejector.



Use the tool to slide the Battery Disconnect Switch toward the Electronics Tray. Then slide it the other way to reconnect the battery.

If this doesn't work, download the program "nRF Connect for Desktop" by Nordic. Use it to install the Serial Terminal app, and open it. Plug in your tracker, then in the top left press "Select Device" and find your tracker. It may tell you what the issue is.

If nothing here has helped, contact me.

Email: fui@macroplastics.ca

Discord: [fui__](#)