

Thank you for your
purchase! If you have
any questions, you can
email me at:

fui@macroplastics.ca

or dm me on discord:

[fui_--](#)



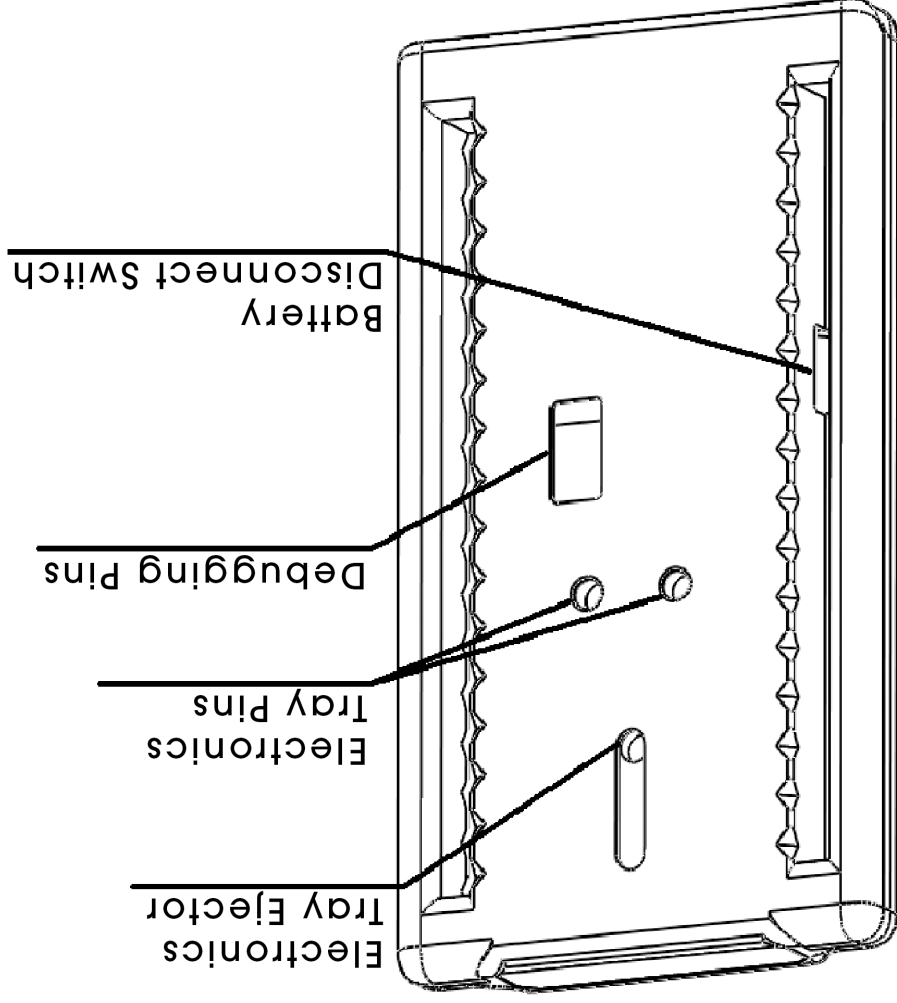
discord.gg/vpxshmsXH

Glossary

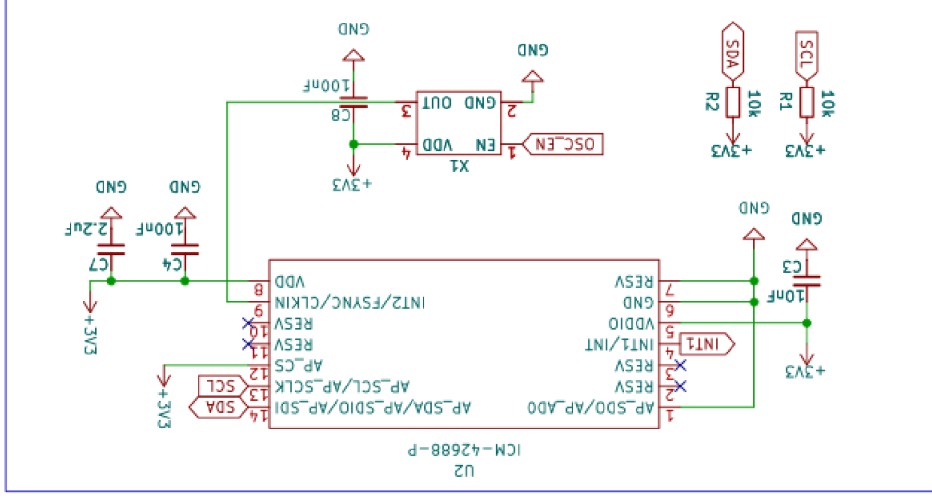
- 1-2. Product Diagram
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Product Diagram

This side goes against your body.



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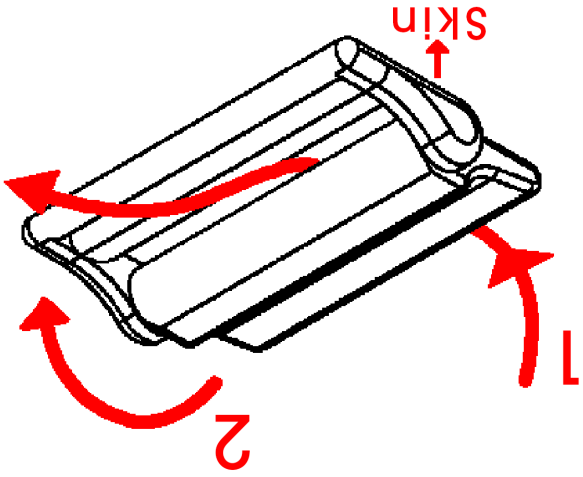
IMU

Setup Guide

Using your trackers


Putting them on

Wrap the tracker and strap around your limb with USB C port facing downward. Insert the strap and close the cam lock as shown in the picture.



Assignment

In the SlimeVR Server, assign each tracker to a limb. The server may have guided you through this already but if it hasn't:

1. Enter the main screen of the server by clicking the Slime logo  in the top left.

2. Click on a tracker, and press "Edit Assignment"

3. Click the limb that the tracker is on.

4. Click "Edit mounting"

5. Select the direction the tracker is facing.

Repeat those 3 steps with all trackers.



Firmware Updates

Do you think it feels good?

Downloading

Download firmware updates from my Discord server. I post them occasionally in

#mps4firmware

Make sure to read the message before you download, some firmware might have spooky custom settings you don't want.

You can also build the firmware yourself if you know what you're doing. See Pin Defines (pg 9) for how to set up your build and Attributions (pg 10) for the firmware github.

Uploading

Plug the tracker into your computer and press the Side Button 4 times. The light should start fading slowly in and out and it should appear as a USB flash drive. Please note it is not a flash drive. **Don't** store files on it. Drag and drop the .uf2 file into the tracker. Your tracker should now have the latest firmware.

Button Functions

HOW DO I TURN THIS THING OFF?!!

Press & Hold: Turn Off

2x Press: Calibrate ZRO

To perform ZRO calibration, place tracker on stable & flat surface, then double press the side button.

3x Press: Enter Pairing Mode

Receiver must also be in pairing mode. Enter pairing mode on receiver by triple pressing the right ear. (it's a bunnyn! ^w^). You may need to use the nRF Connect Serial Terminal to put the receiver into Pairing Mode.

4x Press Enter Update (DFU) Mode

This will allow you to upload the latest firmware.

Pin Defines

You're in deep now, eh?

sw0 (Side Button)	0.31	clk-gpios	0.29	led-gpios	0.15	int0-gpios	0.17	SDA	0.6	SCL	0.8
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Disassembly

Hopefully you never need to know this

To disassemble, you will need a small metal object to poke and some pieces of filament. Filament cutoffs are included with trackers, as disassembly tools and replacement tray pins. A paperclip or SIM ejector works well.

Insert the metal tool into the Tray Pin Ejectors on the front of the tracker. This will poke a hole through the plastic here as it is purposefully very thin here. The Electronics Tray Pins will pop out of the back, grab them and pull them out. Use the same tool to push upward on the Electronics Tray Ejector. Grab it and pull it out.

Insert a short filament piece into the Electronics Ejectors by the USB C port. This will take some force, but be sure to keep it PARALLEL to the side of the tracker, or you risk damaging it. Once that is inserted, take a longer filament piece and push on the other side. Grab the black PCB and pull.

If you need help, please contact me via Discord or Email.

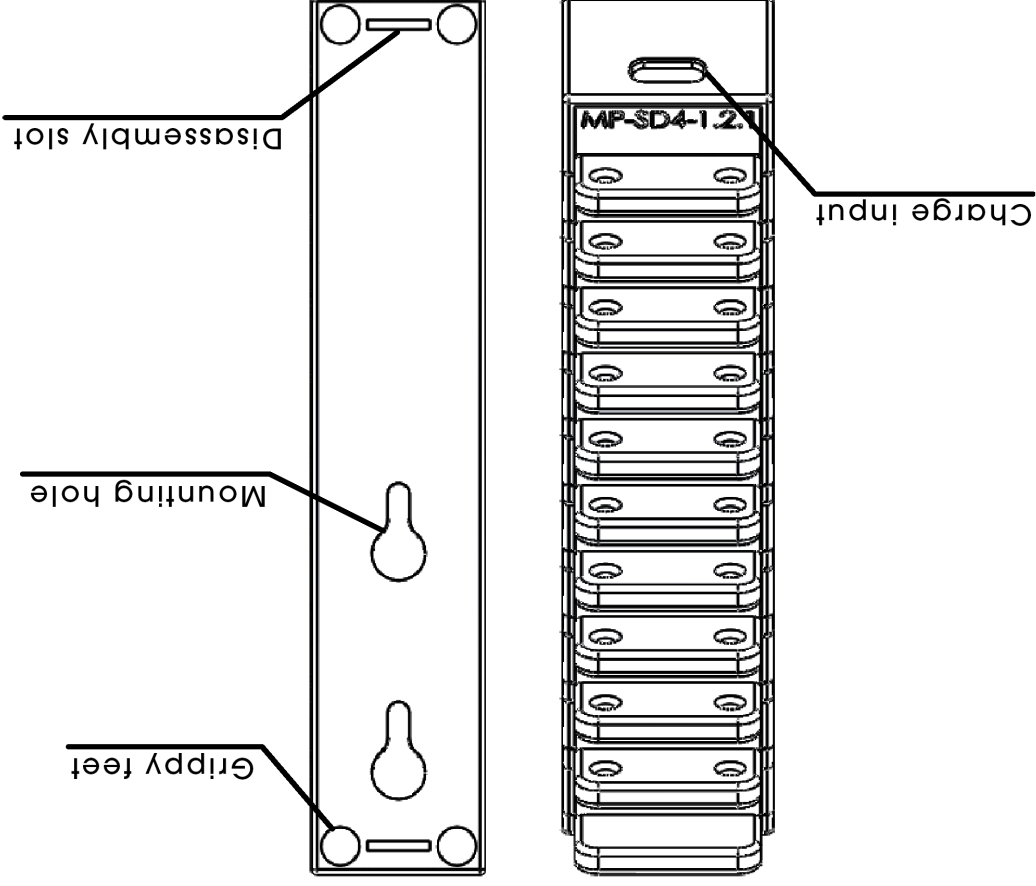
Email: fui@macroplastics.ca
Discord: [fui_](#)

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Dock

do you have one yet?

Trackers can plug in in either direction. Charging brick should be rated for 0.1A/100mA per tracker ie. 10 trackers = 1A brick



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