# Starter Manual for SlimeVR



Download the Official SlimeVr app: https://github.com/SlimeVR/SlimeVR-Installer/releases/latest/download/slimevr\_web\_installer.exe

TRACKER POSITIONING: Trackers must be physically positioned with the power button facesing upwards, these are programmed to maintain a specific spot, PLEASE DO NOT INVERT THE TRACKER, THIS COULD LEAD TO A DEFICIENT CALIBRATION AND BAD MEASUREMENTS.



**DATA PORT:** This is the port where you connect from tracker to pc to set up wifi settings.

## WARNING! THE TRACKER MUST BE TURNED OFF WHEN CONNECTED TO THE PC FROM THE USB C PORT TO CONFIGURE THE WIFI 2.4 SETTINGS

Having the app of SlimeVr open, once you connect the tracker to the pc you will hear a alert that a new device has been connected and SlimeVR will show a notificacion window where you set up your wifi settings 2.4.

A StimeVR v0.11.0		<b>o</b> () - •
No trackers detected or assigned		්ම ්ට Yaw Reset Full Reset
Ť Tocker Atalonant		Reset Clear reset Mounting
New serial device d	etected!	Record BVH Pause tracking
Calibration USB Serial Pert (COM Please select what you want to	3) do with it	Skeleton preview
Body Proportions Connect to Wi-Fi Proportions Copen Serial Console		Currently not connected to SteamVR via the SilmeVR driver.
Close Close		Currently not connected to the silmeVR Feeder App.
		Developer Mode
0		Precise rotation
SimeVR 3ms 16 91/2 New serial device Enter your Wi-Fi creden Wi-Fi name Enter Wi-Fi name Password Enter password Submit! Ciose	27.14	
Name Type Battery Ping	TPS Rotation	X/Y/Z Temp.℃
IMU Tracker F7CAB_1 OK SlimeVR	15 91/2/-	70 27.41

The ping should be from 20 or less if possible, the distance from the router to your trackers is very important, the closer you are to your router the better.

Once your tracker has been connected you can disconnect it and turn it on with the power button, it will pop up in your SlimeVR app, repeat this process with each one of your trackers.

The next step once you have added all your trackers to the SlimeVR app is assigning each one of them to the part of the body that you will be placing them.

#### **EXAMPLE:**



### NOTE: CHEST AND LEG TRACKERS ARE PLACED FACING THE FRONT OF YOUR BODY, ANKLE TRACKERS ARE PLACED TO THE SIDES OF YOUR ANKLE.

Next step is Automatic Mounting, this is to detect the direction of your trackers.



Last step is Body Proportions, this is to measure parts of the body like height etc.

#### EXAMPLE:

slime\	/R VJILO	🗢 🔿 – o 🔅
Home		
Tracker Assignment	What proportion calibration me Body proportions are used to know the measurements of your body positions. When proportions of your body don't match the ones saved, your to notice things like skating or sliding, or your body not matching you	ethod to use? y. They're required to calculate the trackers' racking precision will be worse and you will r ovator well.
Mounting Calibration	Manual proportions	
Body Proportions		This will guess your proportions by recording a sample of your movements and passing it through an algorithm.
++		This requires having your headset (HMD) connected to SilmeVR and on your head!
Setup Wizord	Manual proportions	
		Export proportions Import proportions
0		
Settings		

We recommend the Automatic proportions option.

If you are in need of assistance you can contact me on Discord for more guidance and videos that can help setting up your new VR trackers.

### DISCORD: USAGIVR

YOU HAVE COMPLETED THE SLIMEVR TUTORIAL.

Now on to the daily use of your new SlimeVR trackers.

# Daily use of SlimeVR Trackers

ONCE YOUR SLIMEVR TRACKERS ARE SET UP, THIS WILL BE THE STEPS TO YOUR DAILY USE OF TRACKERS

**ALWAYS!** before putting on your trackers, put them on the floor for at least 2 minutes so they can calibrate correctly, after they are calibrated click on the full reset button.



On the appearance section you want to have developer mode ON



Activating developer mode helps us see if the trackers have drift before using them, after waiting 2 minutes with the devices on the ground for them to calibrate, you need to verify that your trackers maintain a 0 on X/Y/Z. If all the trackers have a 0 on them, they are okay and have no drift. In case they do have drift at the end of the manual there is information on how to fix this problem



### VERY IMPORTANT TO REMEMBER THAT THE POWER BUTTON ON YOUR TRACKER MUST FACE UPWARDS!



#### **STEPS TO CALIBRATE FBT IN VRCHAT**

1- In Slimevr Server > Calibración de Montura

2- Después en VRCHAT > Calíbrate FBT > Complete reset > READY.

# TIPS AND TRICKS

• Fast calibration without leaving the game and fast access buttons.

First we go to settings, you want to deactivate these options that are at the bottom of the settings tab.

Gesture control			
	Allows for resets to be triggered by tapping a tracker. The tracker highest up on your torso is used for Yaw Reset, the tracker highest up on your left leg is used for Full Reset, and the tracker highest up on your right leg is used for Mounting Reset. Taps must occur within the time limit of 0.3 seconds times the number of taps to be recognized.		
	Enable tap to yaw reset	Enable tap to full reset	Enable tap to reset mounting
	Yaw reset delay	Full reset delay	Mounting reset delay

These 3 options must be turned off



The next step is going to SteamVR settings

### You want to go click on this

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### You want to go click on this

Go tho the bottom of the list and select this option.



Then select edit.

	CAMBIAR ASI	IGNACIONES PA	RA SLIMEVR FEEDE
Asignación actual		Control actual	
Default Bindings for Generic Hands Estas son las asignaciones oficiales publicadas por el desarrollador de es ① Esta asignación se ha reasignado automáticamente para tu control.	Editar te juego	(333)	Gamepad
Crear asignación nueva			

The next step is looking for the Y button

On the + button is will ask us to assing something, we wanna click on button



### Then on the Y button we will add two functions On double and long



### On LONG



### On DOUBLE



After editing the buttons, it should look something like this.



# How to fix drift

If you did a reset with the trackers on the ground and after 1 min the numbers are not on 0 or -0, follow these steps:



- Turn off your trackers, only connect the tracker that has drift
- After you connected the tracker to your pc it will show a notification, go into the option that says **CONSOLE**
- After the diagnosis on the tracker is done, click factory reset



After this is done you will want to do the diagnosis again, you will setup the wifi settings on this tracker again, this will delete all the data that been causing the drift, put your tracker on a flat surface for 1 - 2 min BUT click FULL RESET before the 1- 2 min and then after 1-2 min, this should fix the drift problem.



If you have any questions or problems please contact me: DISCORD: usagivr