

AI Bot Setup on Linux

1. First of all, go to the environment.yaml file. In the first line, enter the name of the environment you want to give to your environment. Then, create a conda environment using the YAML File the command ``conda env create -f environment.yaml``.
2. Then activate the environment. `conda activate MED_Bot`.
3. Now make sure you are in the MED directory. Run command `python -m sounddevice`. This will list all sound devices.
4.
 - a. `sudo apt update`
 - b. `sudo apt install pulseaudio`
 - c. `sudo apt install pavucontrol`
 - d. `sudo apt install pulseaudio-utils`
5. List virtual Cables "`pactl list modules`"
6. Delete Virtual Cables "`pactl unload <virtual cable index>`"
Now to the Utils Folder and run file "`create_virtual_cables.sh`". This will create virtual cables for your system.

Configuration Steps


1. Select **AI_Model_Microphone_Input** as Input in Chrome.


AI_Model_Microphone_Input ▾

Sites usually use your microphone for communication features like video chatting

Default behavior

Sites automatically follow this setting when you visit them

☒  Sites can ask to use your microphone

☐  Don't allow sites to use your microphone
Features that need a microphone won't work

Customized behaviors

Sites listed below follow a custom setting instead of the default

Not allowed to use your microphone





 <https://www.google.com:443>




2. In Output Devices, Select **AI_Virtual_Microphone_Sink**, Using this audio of the system will be transferred to chrome as input.

Volume Control — □ ×

Playback Recording **Output Devices** Input Devices Configuration





 Plantronics Blackwire 3220 Series Analog Stereo   

Port: Headphones ▾


 80% (-5.76 dB)

Silence Base 100% (0 dB)

> Advanced





 Built-in Audio Analog Stereo   


Port: Speakers ▾

 101% (0.21 dB)

Silence 100% (0 dB)

> Advanced

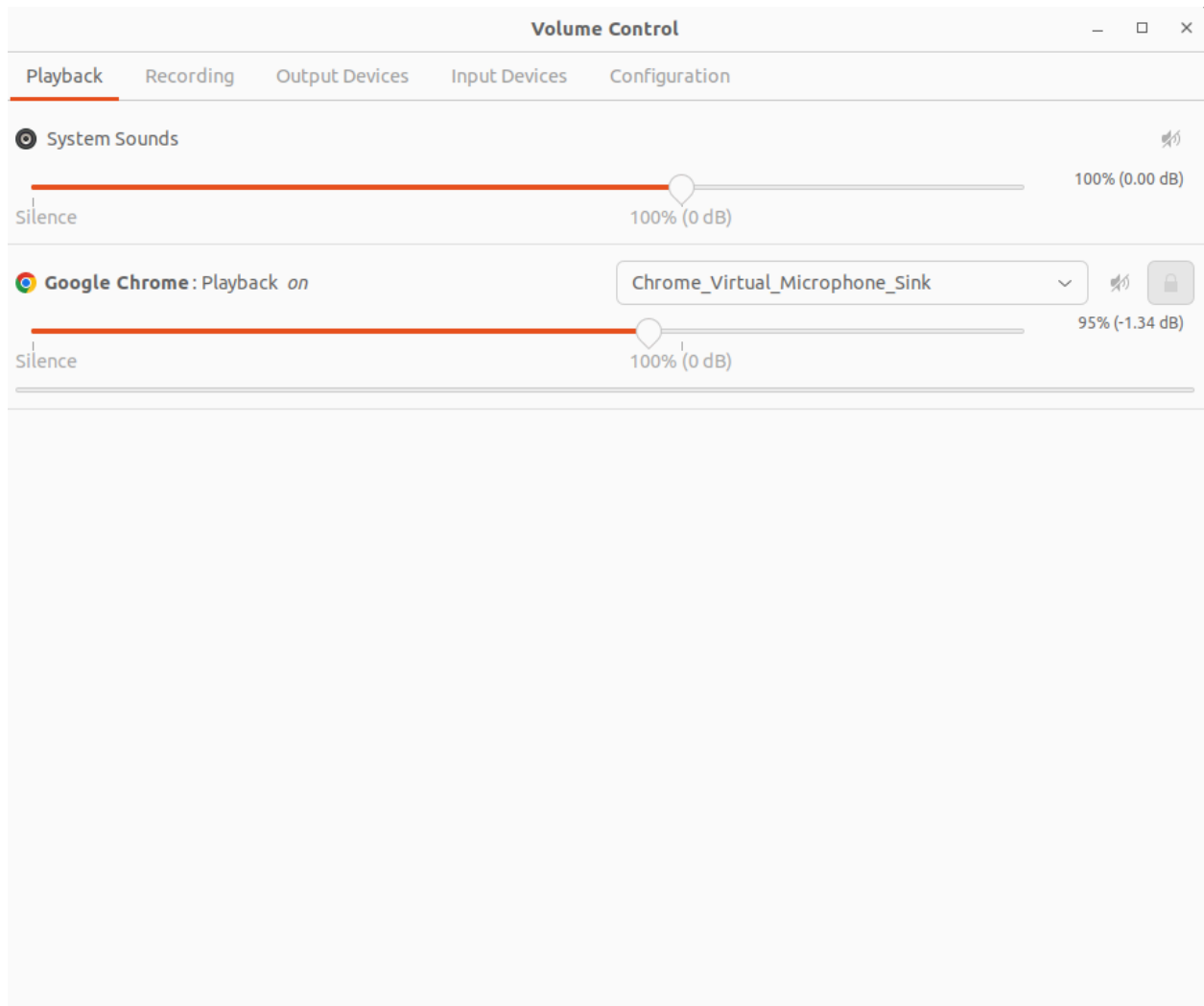
 AI_Virtual_Microphone_Sink   

 100% (0.00 dB)

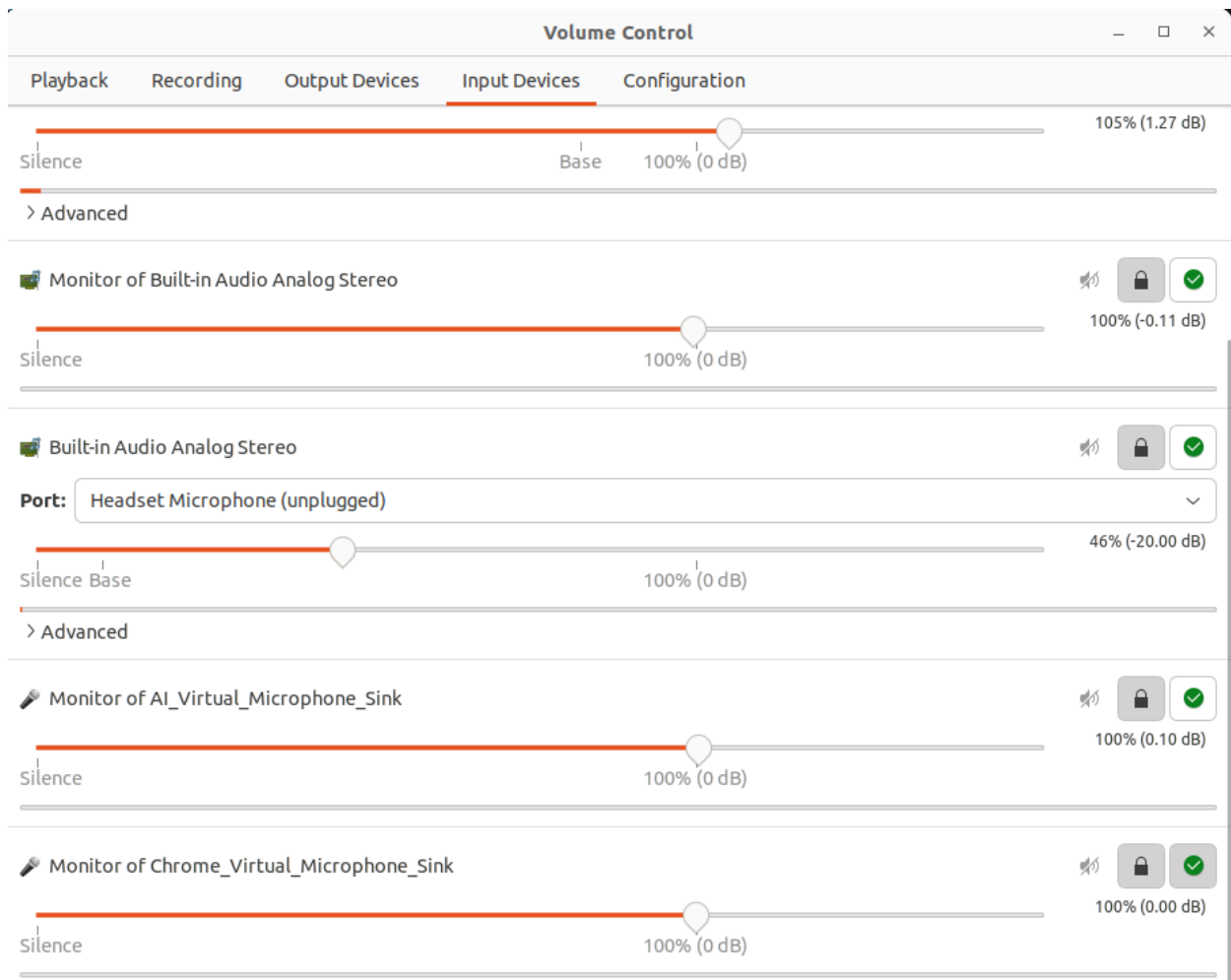
Silence 100% (0 dB)

> Advanced

3. Now in Playback Tab, Select Chrome Virtual Microphone Sink. This will transfer output audio from chrome to this Virtual Cable.



- Now, In input Devices Select “ **Monitor of Chrome_Virtual_Microphone_Sink** ”, This will transfer the Output Audio coming from Chrome as Input to AI Bot.



Volume Control

Playback

Recording

Output Devices

Input Devices

Configuration

ALSA plug-in [python3.8]: ALSA Capture from

Monitor of Chrome_Virtual_Microphone_Sink

Silence

100% (0 dB)

148% (10.23 dB)

ALSA plug-in [python3.8]: ALSA Capture from

Monitor of Chrome_Virtual_Microphone_Sink

Silence

100% (0 dB)

148% (10.23 dB)

ALSA plug-in [python3.8]: ALSA Capture from

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[OBJ]