# FAP Microphone Guide - v0.1

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## 1   Items needed

- PC windows 10/11

- Microphones ( those used by Fisicaffe)

- USB-A to USB-C cable

- Speakers

## 2   TIMELINE

As soon as the person appointed to the audio setup arrives, they should perform all actions within 4 to check the functionality of every piece of the audio pipeline, in case of problems check 5, if there are still issues contact me personally( call twice).

ENSURE THE MICROPHONES ARE CHARGED BEFORE THE EVENT

## 3   Advice

- The microphones are read as one by the computer, so it will not be possible to mute one without turning it off.

- The MC computer( or another belonging to a member of the organization) will be needed to have the audio work, therefore it is IMPERATIVE that we receive the host's presentation before the event( use it as an excuse to have ti readily available on Pluto as well)

- SUGGESTION: Give one microphone to the host and let the MC keep the second, that way it will be easy to do initial presentation and final remarks

# 4 Connection Guide

1. Install Voicemeeter( any version works for this)( the installer is provided within this same folder)

2. Connect the microphones receiver to the computer ( either directly through a USB-C port or via a USB-A to USB-C cable)
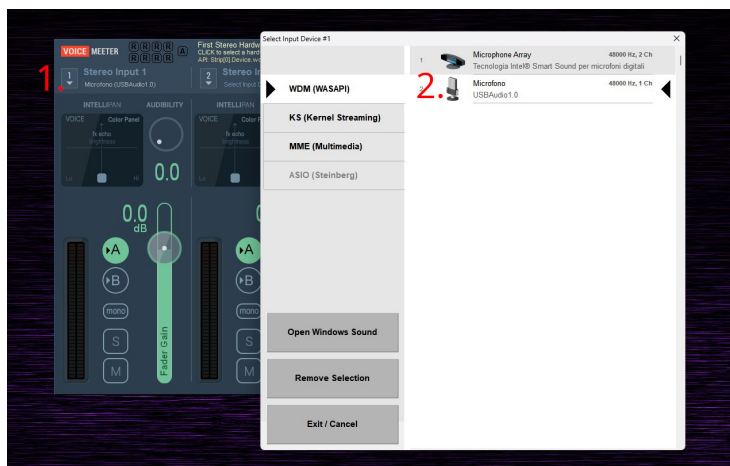


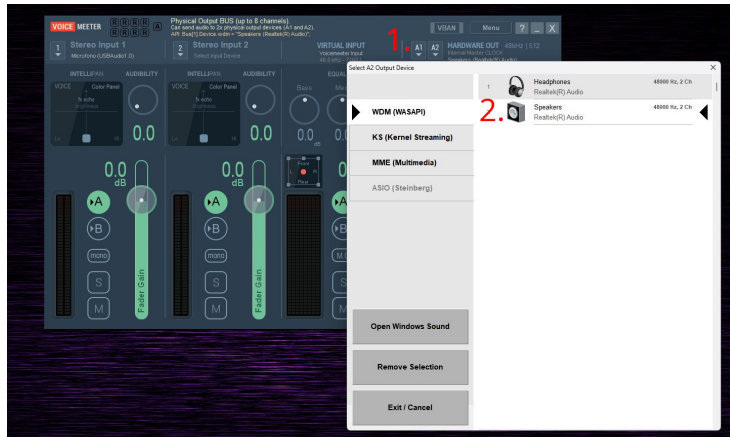3. Turn on the microphones( the light should be steady and green, if it isn't look at 5)



4. Connect the speakers to the computer (through Bluetooth or AUX cord)

5. Open Voicemeeter and wait for the Audio Engine to start (it should take 5 seconds, two minutes if the installation is older than 30 days)

6. Click on "Stereo Input 1" and select "Microphone" as the Source



7. Click on "A1"( in the section "HARDWARE OUT") and select the Speakers

8. Make sure that "A" is selected as the output of Stereo Input 1

9. Check the functionality of BOTH microphones

# 5 Troubleshooting

- MICROPHONES BLINKING:

  - GREEN/RED FAST: the microphone cannot find the receiver, check if the receiver is properly connected to the computer
  - STEADY GREEN WITH RED FLASHES: the microphone's battery is low, connect with USB-C cable( 10/15 minutes should be enough)

- NO WINDOWS PC AVAILABLE

  - Linux: Jack/Pipewire with pulsaudio bridges set up by Cadence
  - MacOS: Loopback or Soundsource

  I have no experience with either of those options( otherwise I'd have made the guide on them)

- THE INSTALLER DOESN'T WORK

  - Download the installer from the creator's website