

GUIDE FOR SETTING UP VOICEMEETER

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VER. 1.2



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DOWNLOADING AND INSTALLING VOICEMEETER BANANA

The piece of software we are going to download is VoiceMeeter Banana. This guide is going to be using VoiceMeeter Banana throughout. Follow the link below to download it.

<https://www.vb-audio.com/Voicemeeter/banana.htm>

VOICEMEETER BANANA Advanced Mixer.

VoiceMeeter Banana is an Advanced Audio Mixer Application endowed with Virtual Audio Device used as Virtual I/O to mix and manage any audio sources from or to any audio devices or applications.

For first use, it's highly recommended to follow user manual step by step, especially step ZERO of the [documentation](#).

VoiceMeeter 2.0.4.0 (ZIP Package)

Standalone Application and Virtual Audio Device supporting MME, DX, KS, WDM, ASIO interfaces (XP to WIN10 32/64 bits)

Download

VoiceMeeterSetup_v2040.zip (17.4 MB - JAN 2018)
[Click Here](#) to download from alternative web site.

VoiceMeeter 2.0.4.0 (EXE file)

Install VoiceMeeter Banana on your Windows PC.

Install

VoiceMeeterProSetup.exe (17.8 MB - JAN 2018)

INSTALLATION: Run Setup program in administrative mode / Reboot after installation (and Reboot after de-installation). This Package installs both programs: VoiceMeeter & VoiceMeeter Banana. See [User Manual and Video Tutorials](#)

Scroll down and select the "Install" button.

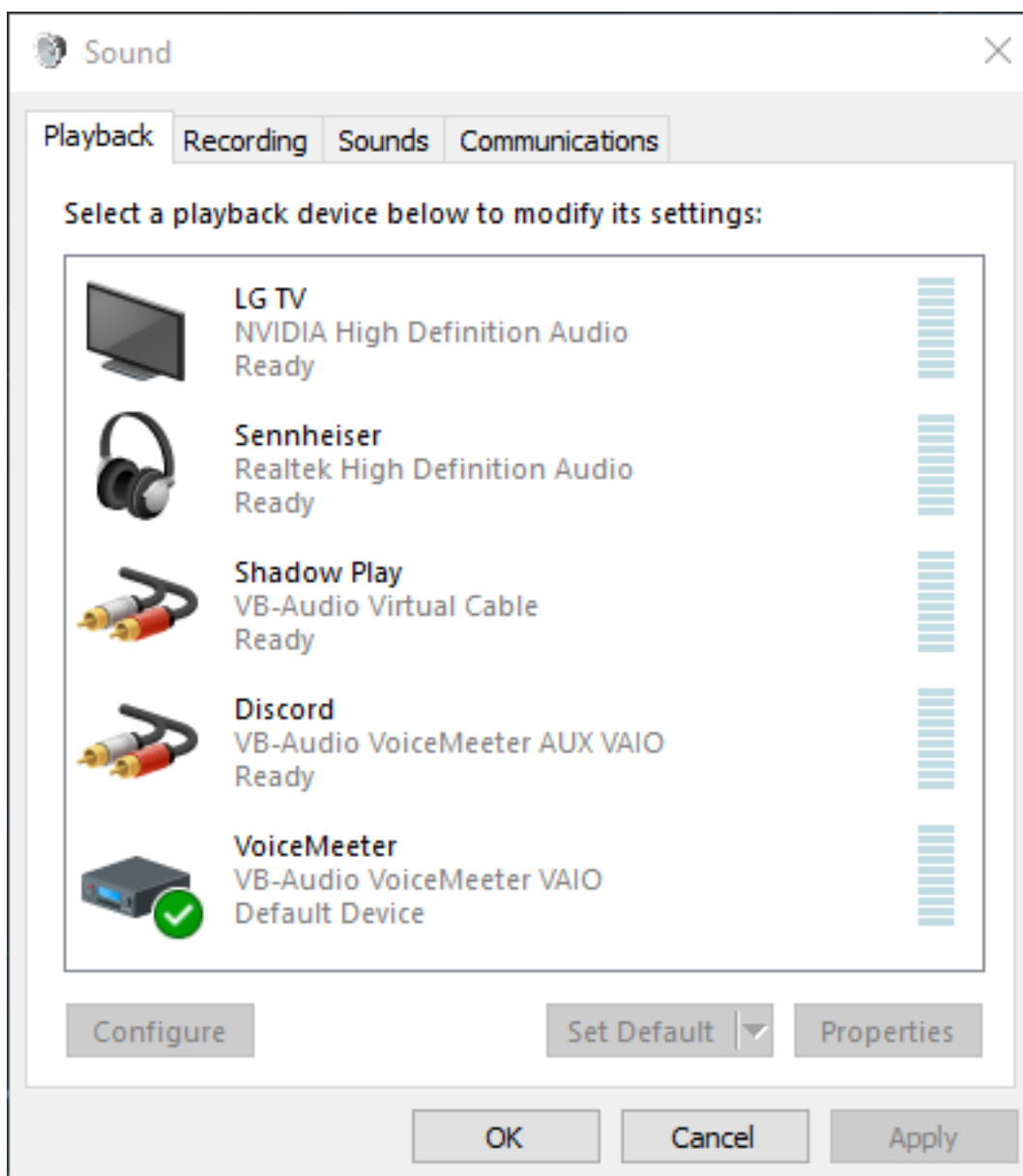
We are going to be installing VoiceMeeter Banana on your computer.

After you are done downloading the installation software go ahead in run it.

A pop up will come up and you want to click on the install button. Follow the installation instructions and close the installation wizard once it's done installing.

RENAMING AND ORGANIZING ALL PLAYBACK AND RECORDING DEVICES

We are going to organize everything so that it is easier to understand what everything does. This will also help you in the future if something goes wrong. You will be able to identify what each Playback and Recording device does.



On Windows 10 1803 right click on the speaker icon in the bottom right corner of your taskbar and click on “Sounds”, then click on the “Playback” tab at the top left.

That should open up something like what you see here on the left.

This is currently my setup that I have.

We are going to rename them using a similar naming scheme.

Let’s call the highlighted area as shown on the right the “original name” and the bold name above that the “custom name”. As you can see above, I have my Sennheiser’s, Discord, and VoiceMeeter. They all have original and custom names.



Discord
VB-Audio VoiceMeeter AUX VAIO
Ready



Let's start off by right clicking anywhere in the main box. Then make sure that "Show Disabled Devices" is checked. You will see a lot of devices. No need to worry, we will disable everything we don't need and then hide them.

Find your main audio out device that you use and right click on it and click properties. You will see a button that says "Change Icon", right above that will be a text field. We are going to rename your main audio out to "Main" for this guide. Feel free to rename it something else.

Next we are going to find your VoiceMeeter's default virtual audio cable with the original name of "VB-Audio VoiceMeeter AUX VAIO". Rename that to "Discord". You can also change the icon to something else. I have mine as audio cables since we are using a virtual audio cable.

Last we are going to find the device with the original name of "VB-Audio VoiceMeeter VAIO" and rename that to "VoiceMeeter". This is going to be your new main audio device. Everything except for Discord's audio will go through here.

You have all three devices ready to go. You should go through all the other devices that you don't need and disable them. Simply right click and click "Disable".

Now right click anywhere in the device list box and uncheck "Show Disabled Devices". There should only be three devices that are visible, Main, Discord, and VoiceMeeter. Everything else should be disabled and hidden.

We are done with all "Playback" devices. Click on the "Recording" tab at the top of the "Sound" window. We are going to do the same thing here but with different names.

Again, make sure that "Show Disabled Devices" is enabled. Find your microphone and make sure that it is named "Microphone".

Find the recording device with the original name of "VB-Audio VoiceMeeter AUX VAIO" and rename that to "Discord".

Find "VB-Audio VoiceMeeter VAIO" and rename that to "VoiceMeeter Mic". We can use this mic to customize your voice if you would like. Go to the "Custom Voice" section to learn how to change your voice in Discord and everything else.

Disable everything else and uncheck "Show Disabled Devices" so everything is nice and organized. You should only have three things in the "Recording" tab, Discord, VoiceMeeter Mic, and Microphone.

Now under the “Playback” tab right click on “VoiceMeeter” and select “Set as Default Communication Device”.

Under the “Recording” tab select “VoiceMeeter Mic” and select “Set as Default Communication Device”.

CONFIGURING VOICEMEETER



First let's make sure that VoiceMeeter starts up on Windows startup. Click on the "Menu" button at the top right hand corner and select "System Tray (Run at Startup)". This will open up VoiceMeeter on startup every time you restart or turn your computer on. If you don't have VoiceMeeter up at startup it will cause problems.

Open VoiceMeeter Banana and you should see something like what is above. Rename "HARDWARE INPUT 1" by right clicking on it. Change it to "Microphone".

Let's rename the rest of the headers. Rename "VIRTUAL INPUTS" with the sub-header "VoiceMeeter VAIO" to "VoiceMeeter". Rename "VIRTUAL INPUTS" with the sub-header "VoiceMeeter AUX" to "Discord".

In the "Discord" column next to the volume bar you will see multiple buttons such as "A1", "A2", "A3", "B1", "B2". Make sure that all the buttons are disabled except for "A1". Mine is different due to my personal setup. In the "Microphone" column do the same as before and disable everything except for "B1". In "HARDWARE INPUT 2" and "HARDWARE INPUT 3" make sure everything is disabled from "A1" to "B2".

Let's go over what this does. "A1" and the rest of the "A's" in the "Discord" column is for audio that will be routed to "A1", "A2", and "A3" corresponding to the output in

“HARDWARE OUT” on the top right of the VoiceMeeter software. Each one of the “A’s” in the top right corner is for physical hardware such as a headset or speakers. Since there are three “A’s” you can hook up three different physical devices. In our case we are routing Discord’s audio through VB-Audio VoiceMeeter AUX VAIO to VoiceMeeter and then to “A1” which is our first physical device “Main”, or whatever name you gave your device back in “Renaming and Organizing all Playback and Recording Devices”.

“B1” is for microphones. It routes your mic through VoiceMeeter and then out through either your default mic or through “VoiceMeeter Mic”. It’s good to route your mic through VoiceMeeter so you can fiddle with settings like “Gate” or changing your voice to sound different. Also, it separates your mic from all the other audio sources such as your Desktop and Discord.

Now below each column name there will be an option to “Select Input Device”. Under “Microphone” which you named earlier select “Select Input Device” and a dropdown should appear. Select the “WDM: Microphone” option in the dropdown.

Under “A1” at the top right hand corner select “WDM: Main” for your hardware out. If you are using a USB headphone/headset select “MME: Main”. Under the column “VoiceMeeter” with the sub-header “VoiceMeeter VAIO” make sure everything is disabled except for “A1”. Under “Discord” with the sub-header “VoiceMeeter AUX” disable everything except “A1”.

That should pretty be much everything for configuring VoiceMeeter.

Go to youtube and play a video. Make sure you can hear the audio. Go to your “Playback” tab in the “Sound” window and check to see if you can see the bar lighting up green on the left side of the “VoiceMeeter” device.

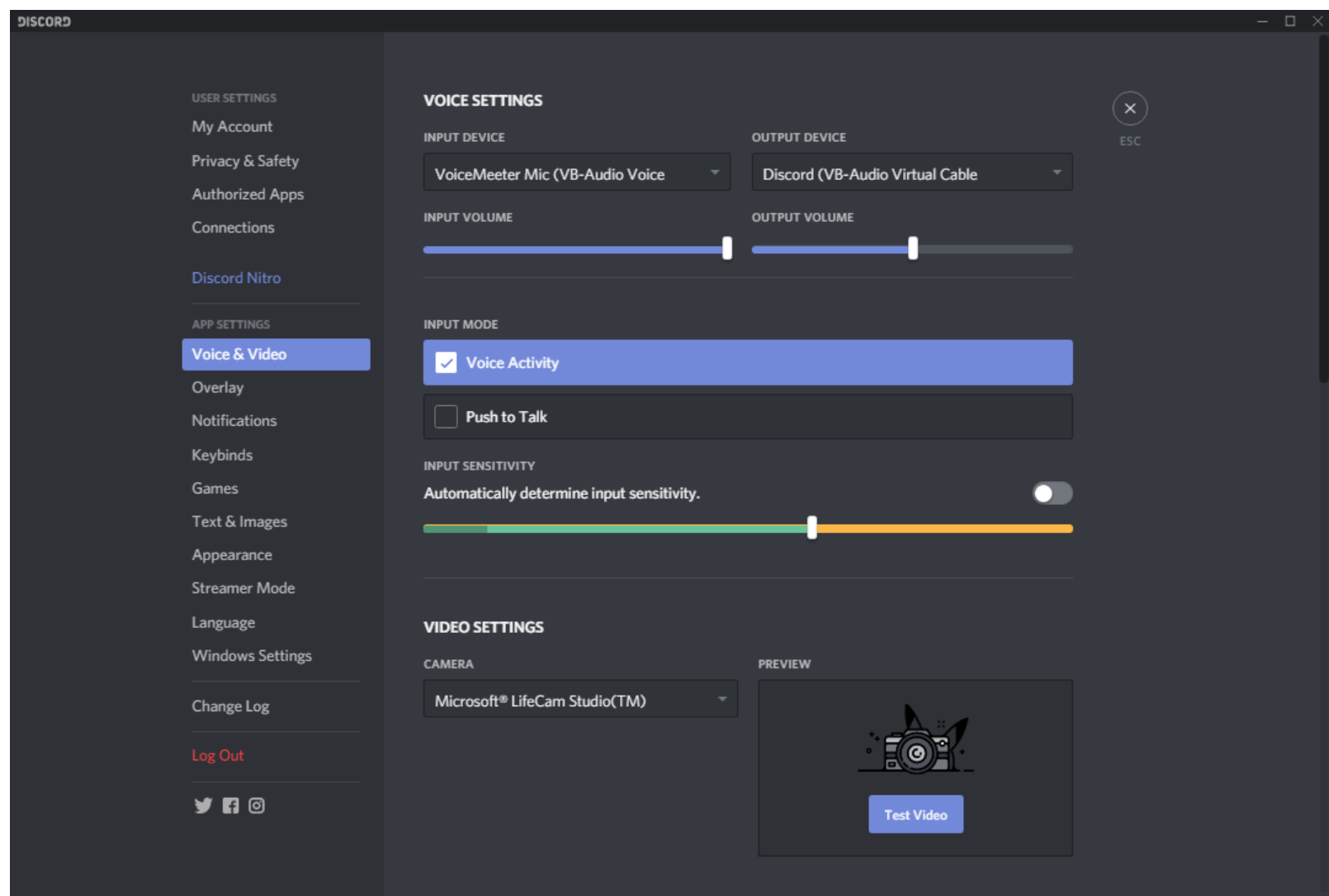
In VoiceMeeter make sure you can see the bar going up and down under “VoiceMeeter” with the sub-header



“VoiceMeeter VAIO” column next to the box with the red dot in the middle. If you can hear your youtube video and see the two columns light up in “Playback” and under “VoiceMeeter” you are good to go.

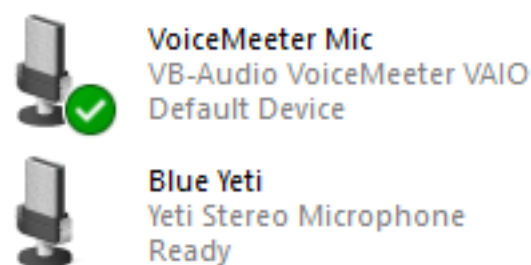
Once everything is done you will realize that you can't use Windows' volume controls anymore. If you do you will see an indicator but the sound you hear won't increase or decrease. This is how VoiceMeeter works. Unfortunately there is no way to set up the VoiceMeeter to work through Windows' native volume controls. If you do however go to “0” in Windows' volume controls the sound in VoiceMeeter will essentially be muted. You can control the volume in different applications like on Youtube or a game and it will increase or decrease the sound you hear.

SETTING UP AUDIO IN DISCORD



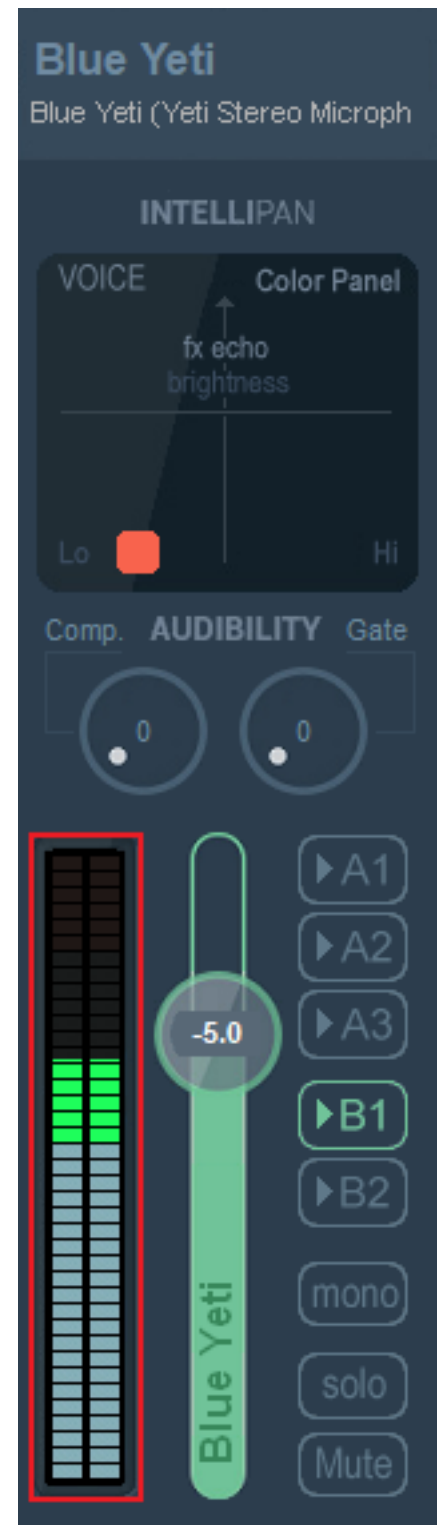
Open Discord and click on “Settings” at the bottom left corner next to your username. Next go to the “Voice & Video” tab. You can to change the “INPUT DEVICE” to “VoiceMeeter Mic”. For “OUTPUT DEVICE” you want to select “Discord”. Make sure you aren’t in any voice channels since it may not update the settings.

Now join a voice channel and make sure you can hear your friends. Go to your “Recording” tab in “Sound” window and make sure you see both the columns next to “VoiceMeeter Mic” and “Microphone” lighting up.

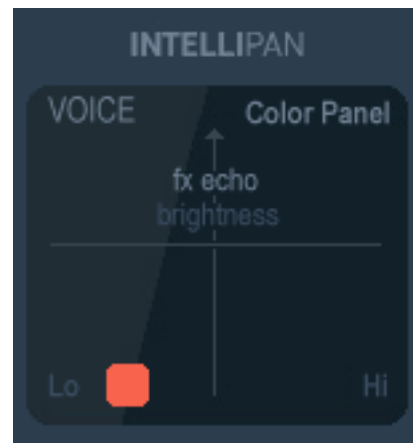


In VoiceMeeter make sure you see the column under the “Discord” column going up and down. If everything is as mentioned and you can hear your friends you are good to go.

If your mic is cutting out then you need to change your input sensitivity in Discord. Under “Voice & Video” make sure “Automatically determine input sensitivity” is turned off. Adjust the bar so when you are talking naturally your voice passes the slider. Move your mic around and make sure it doesn’t pick up your breathing as well as any keyboard or mouse clicks. Play around with it until you find the right balance. Remember, you will see the bar move with any sound, but only sound that passes the slider will be picked up by Discord and sent. This can be used alongside the “Gate” function in VoiceMeeter under the “Microphone” column. It is the circle dial that can be rotated.



CUSTOM VOICE



In this section we are going to go over how to change your voice using VoiceMeeter. This part is very easy to do but finding the perfect settings for yourself and others is complicated. It all depends on how you want to sound to yourself and others.

Let's get started. Under your "Microphone" column in VoiceMeeter select the "A1" so you can hear your voice. This routes your microphone through VoiceMeeter and into your headphones. You can disable this once you find the right voice for you.

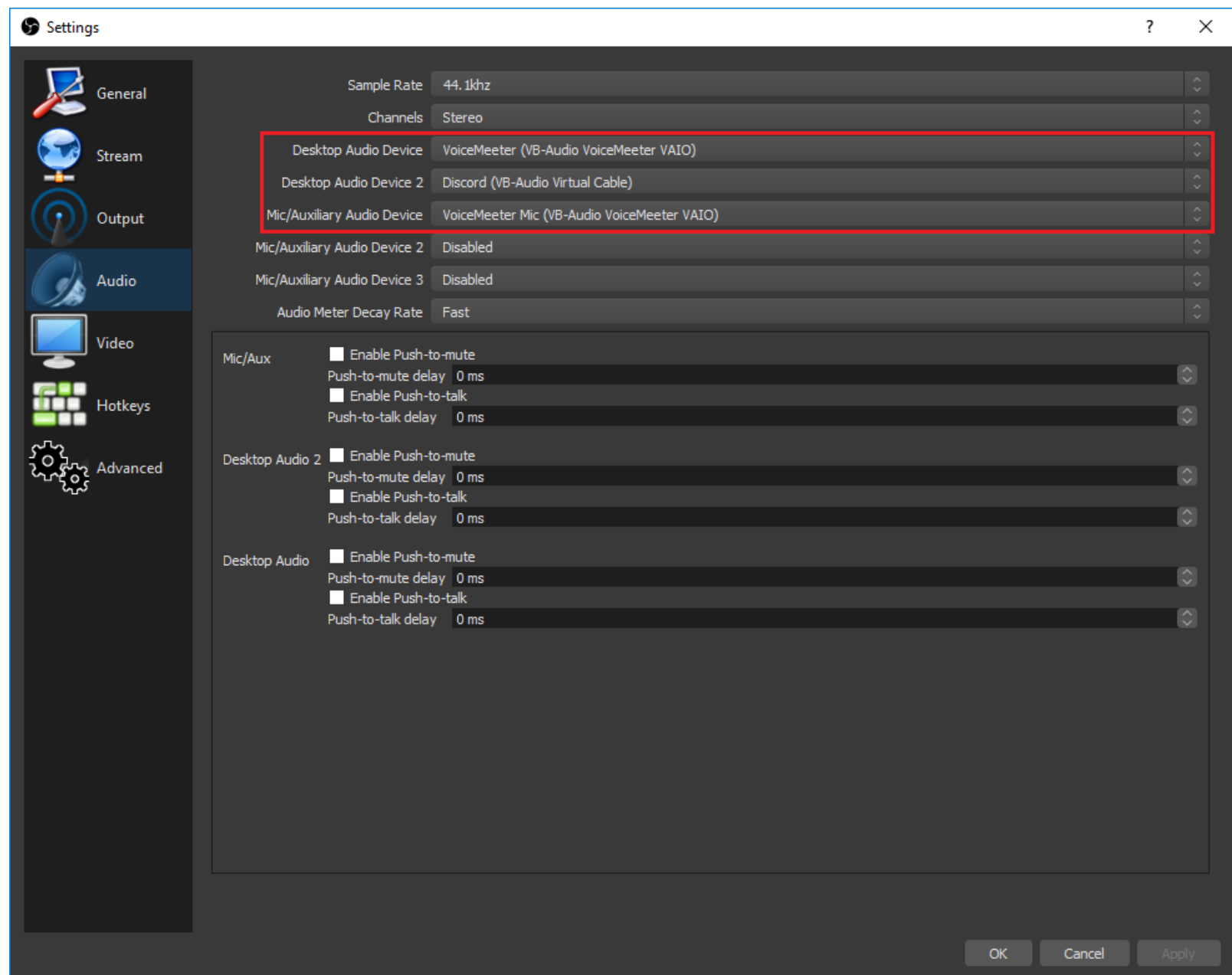
Now you want to click on the box as shown above and move the little square around. The "Lo" increases the bass in your voice and the "Hi" increases the treble in your voice. Moving above the horizontal line gives your voice an echo. Play around with it and find your best voice! Double left clicking in the box resets your settings.

Next right click in the box and a new interface in appears in the box. This allows you to add effects. You can make your voice sound more robotic or some other weird wacky sound.

If you right click in the box one more time it will take you to the last interface. In this interface you can change which ear you would like your voice to be heard from. If you have a mono microphone this will not do anything. This setting only works with stereo microphones. Right clicking again will take you back to the first interface.

Remember to disable "A1" under the "Microphone" column once you are done so you don't have to hear your voice through your headphones/speakers.

SETTING UP AUDIO IN OBS



We are going to have all three audio devices connect to OBS (version 21.0.1). This way you can disable your mic and Discord from the stream so your friends can't hear themselves or you through your stream. This has its benefits. Imagine playing a game and you want your friends to watch you. You can simply disable your mic and Discord's audio from OBS' audio mixer with a simple click. That way your friends won't have to hear you twice, once on Discord and then again on your stream. It also makes it so your friends won't hear each other again, once through Discord and then again on your stream.

Setting this up is simple, open OBS and click on settings in the bottom right hand corner under "Controls" and go to the audio tab, fourth from the top.. Change the "Desktop Audio Device" to "VoiceMeeter". Change "Desktop Audio Device 2" to "Discord". Lastly change "Mic/Auxiliary Audio Device" to "VoiceMeeter Mic". That's it. Now you can close the settings.

Now under “Mixer” you will see three different audio devices, “Desktop Audio”, “Desktop Audio 2”, “Mic/Aux”. Sadly you are unable to change the names of these devices. If you forget what each does just go back to settings and check under the audio tab.

If you want to mute any of them simple click on the white speaker icon next to the gear. You can also adjust the audio levels of each audio device separate from Discord and your VoiceMeeter mixer.

ADDITIONAL HELP

If you need any help don't be shy and shoot me an email at:

LINDORAK@GMAIL.COM

or join my Discord and send me a message:

[HTTPS://DISCORD.GG/WQYQJ TZ](https://discord.gg/WQYQJ TZ)