

Using Virtual Audio Cables to Connect OBS and Zoom

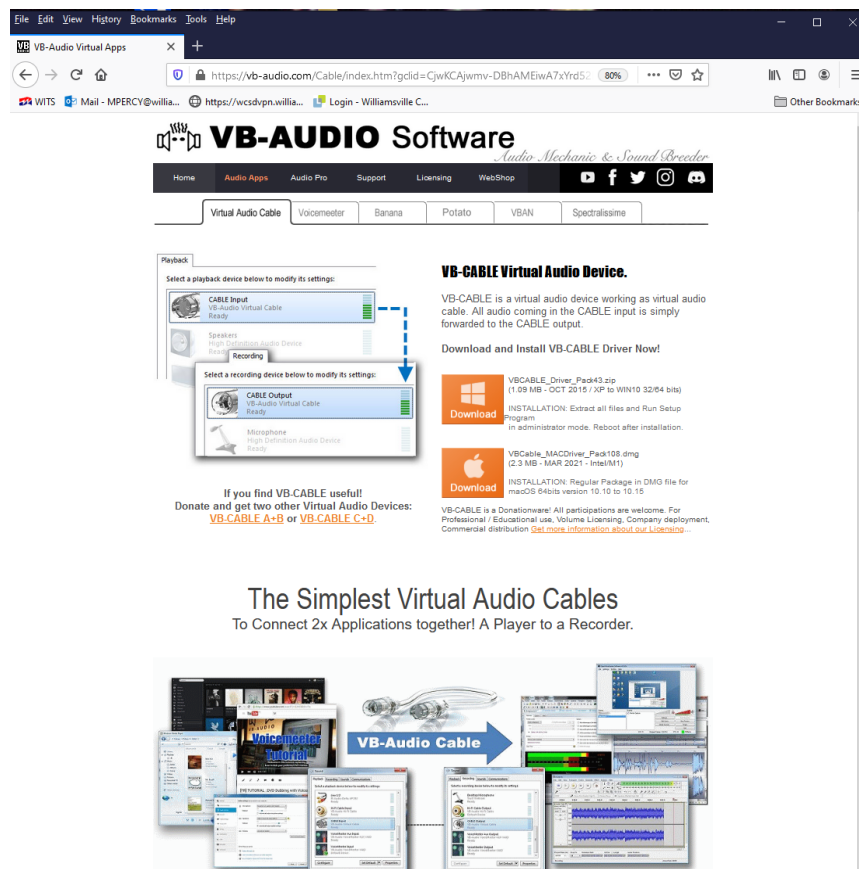
This document is intended to help you set up virtual audio cables to connect OBS to your Zoom meeting. While OBS has a virtual camera that you can call up in Zoom, there is no audio connection in that virtual camera. If you are just showing images/etc from OBS, you can use your regular mic for the Zoom meeting. However, if you want to use assets/websites that have sound, you will need to use “virtual audio cables” to connect OBS to Zoom. This procedure is for Windows 10 computers, but the Mac procedure is essentially the same as far as I know.

Disclaimer: This is what I have been able to distill from online tutorials such as this: <https://www.youtube.com/watch?v=LhEjMW299MU> There is more work needed to include headphone monitoring that the video explains, but this document will get you started.

Procedure

Install Software

Install VB-Cables A+B found here: <https://vb-audio.com/Cable/index.htm> Note: This is “donationware” and a small donation is requested.



The screenshot shows the VB-Audio Software website. The main heading is "VB-AUDIO Software". Below it, there's a navigation bar with links: Home, Audio Apps, Audio Plug, Support, Licensing, WebShop. The "Virtual Audio Cable" section is active, showing a "Playback" tab. It includes a "Select a playback device below to modify its settings:" section with a "CABLE Input" device selected. Below that, there's a "Select a recording device below to modify its settings:" section with a "CABLE Output" device selected. To the right, there's a section titled "VB-CABLE Virtual Audio Device." which explains that VB-CABLE is a virtual audio device working as a virtual audio cable. It also includes a "Download and Install VB-CABLE Driver Now!" section with links for Windows and Mac drivers. At the bottom, there's a section titled "The Simplest Virtual Audio Cables" with a diagram showing a "VB-Audio Cable" connecting two applications.

OBS Settings

File -> Settings -> Audio

Set the following in the “Global Audio Devices” section:

Desktop Audio -> Default

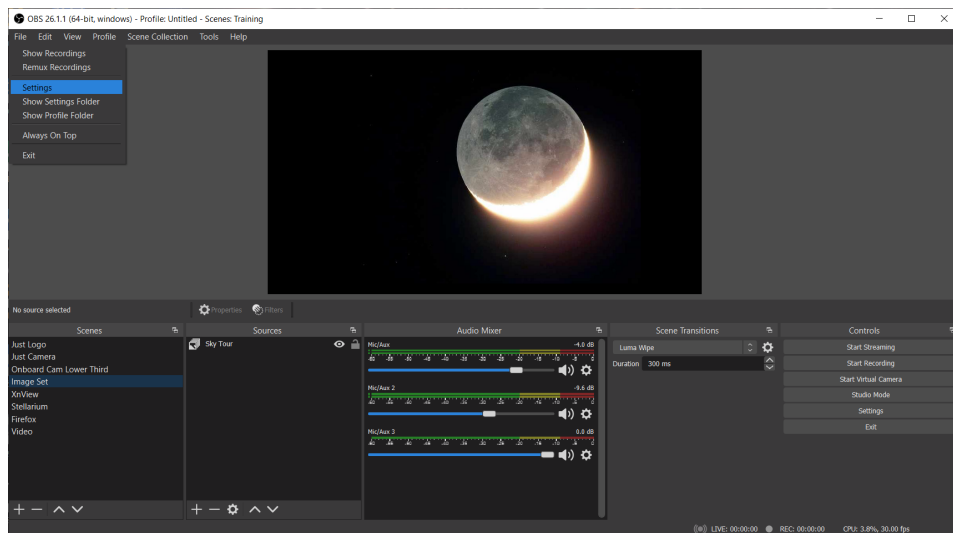
Mic/Auxiliary Audio -> CABLE-A Output (VB-Audio Cable A)

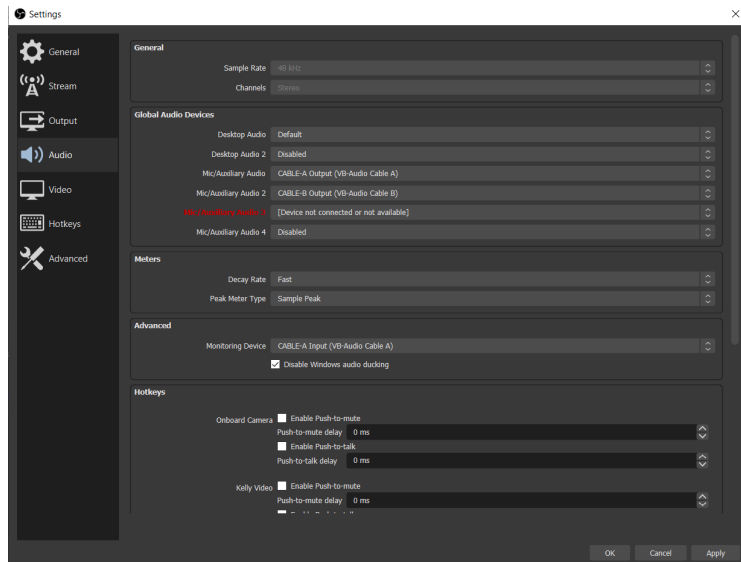
Mic/Auxiliary Audio 2 -> CABLE-B Output (VB-Audio Cable B)

Mic/Auxiliary Audio 3 -> Your microphone device

Set the following in the “Advanced” section:

Monitoring Device -> CABLE-A Input (VB-Audio Cable A)



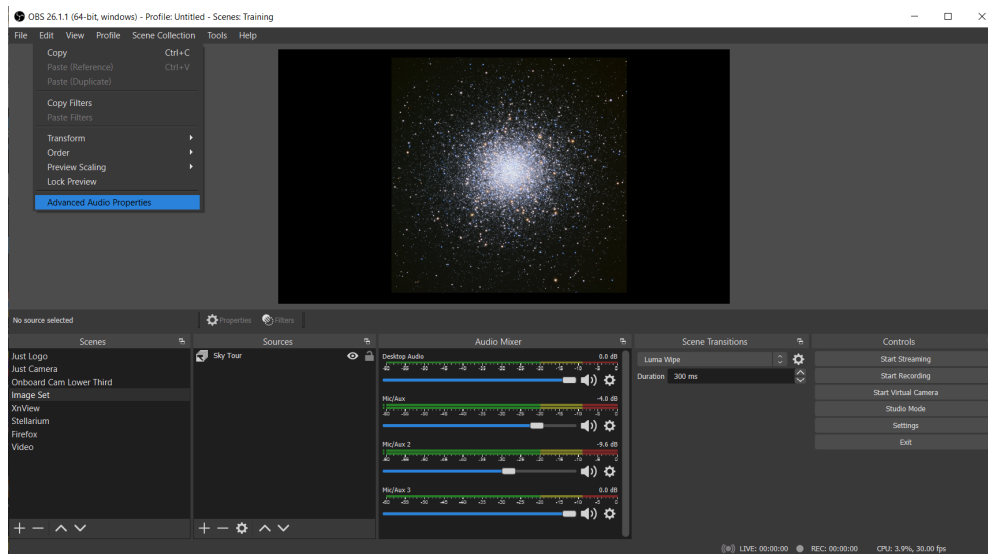


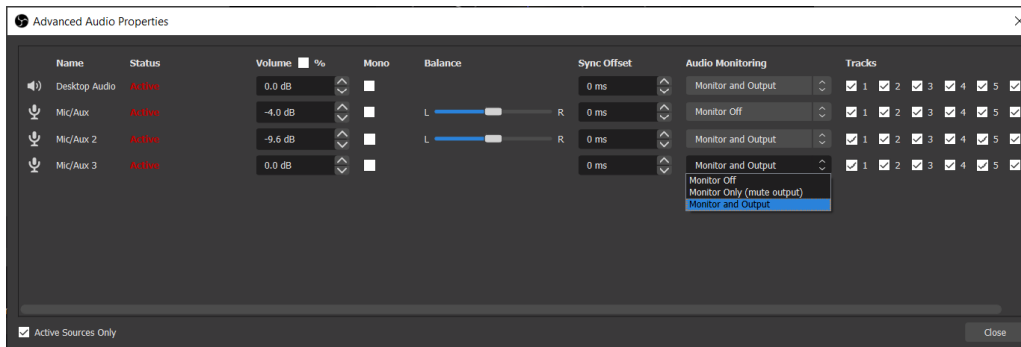
Edit -> Advanced Audio Properties

Set the following in the Advanced Audio Properties dialogue box:

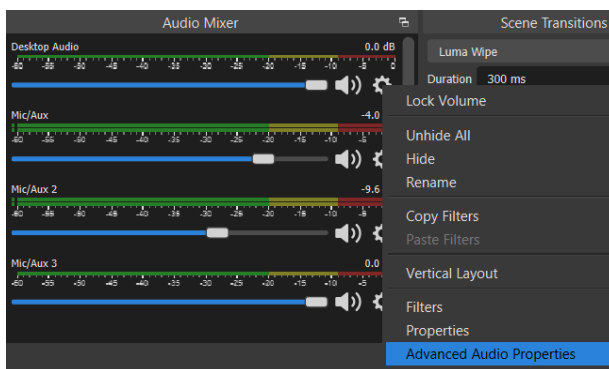
Mic/Aux 2 - Set the Audio Monitoring to “Monitor and Output”

Mic/Aux 3 - Set the Audio Monitoring to “Monitor and Output”





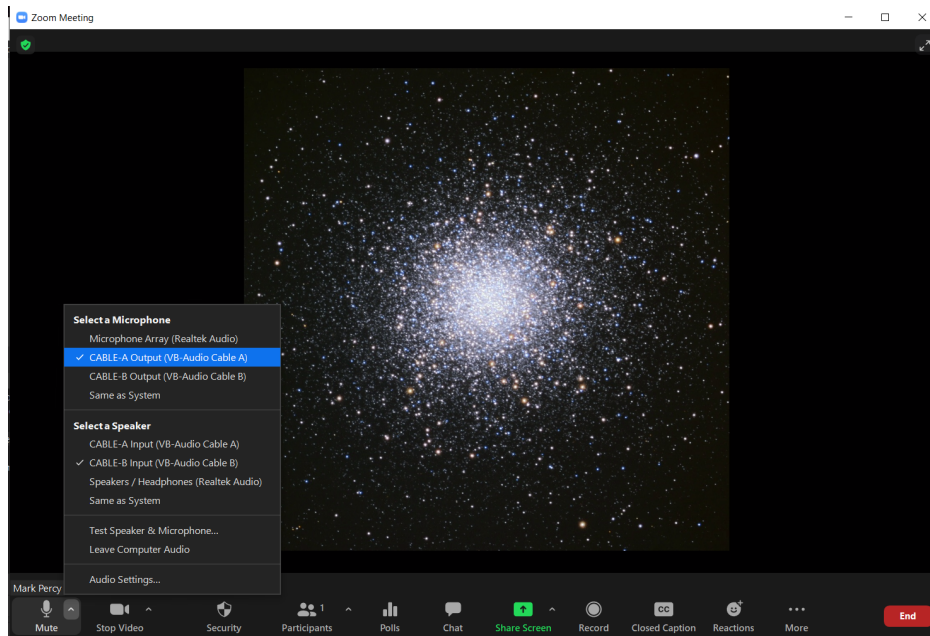
Note: The Advanced Audio Properties dialogue box can also be opened by clicking on a gear symbol under the Audio Mixer section of OBS.



Zoom Settings

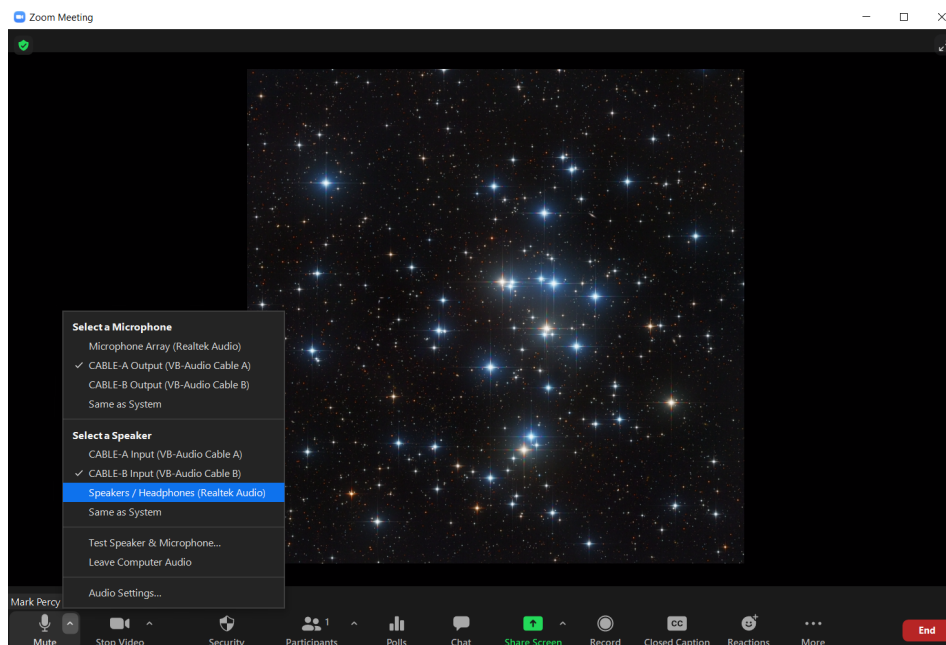
Set the following in your Zoom meeting audio settings:

Select a Microphone -> **CABLE-A Output (VB-Audio Cable A)**



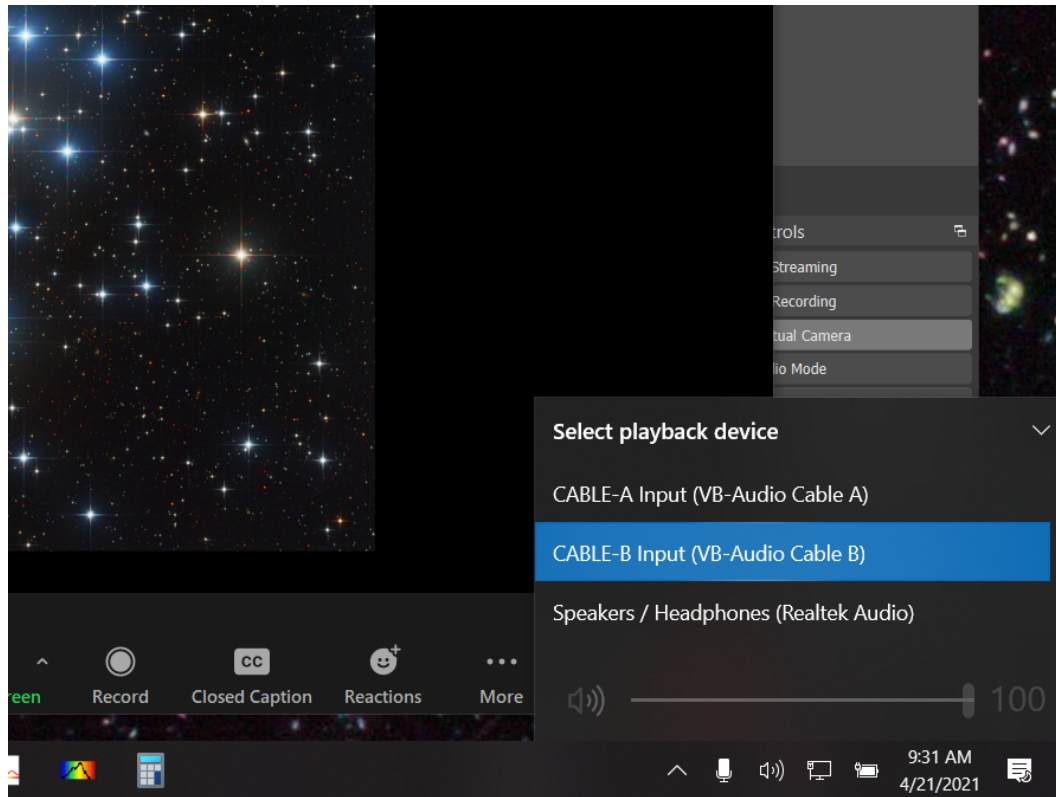
If you want to listen to incoming audio from a Zoom meeting to be heard in your headset or speaker, set “Select a Speaker” to **your headset or speaker device** instead

If you want the incoming audio from a Zoom meeting to go to your outgoing streaming video, set “Select a Speaker” to **CABLE-B Input (VB-Audio Cable B)**

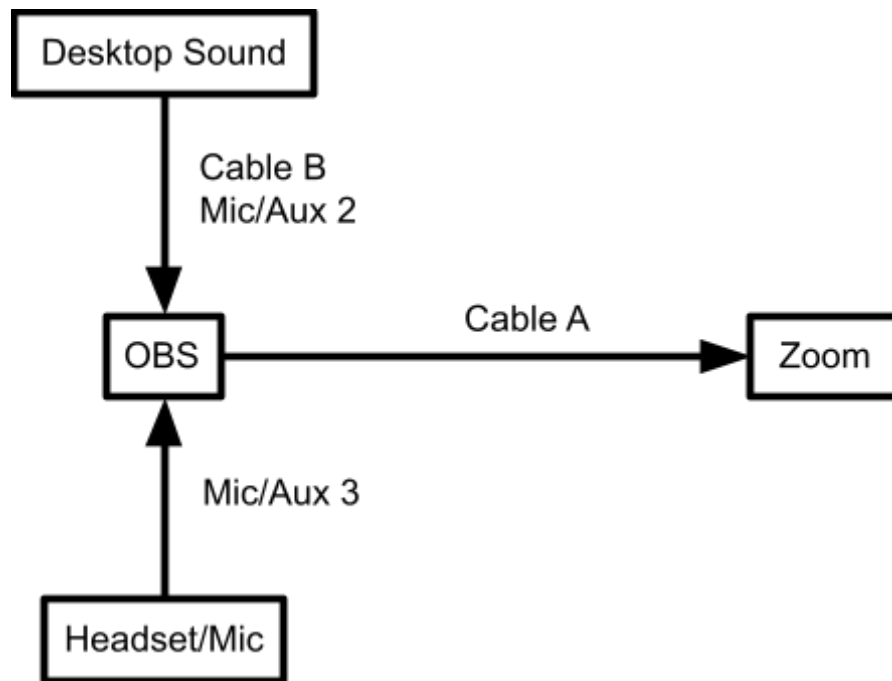


Computer Settings

To get sound from your browser to go into OBS, set the computer's speaker device to **CABLE-B Input (VB-Audio Cable B)**



Flowchart



Contact Me

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