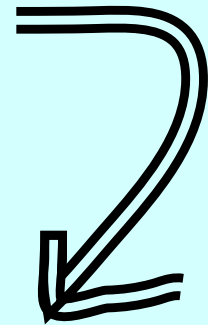


# Virtual Camera & Virtual Audio from OBS to Zoom

**OBS-studio**



**zoom**

# What is a Virtual Audio Cable?

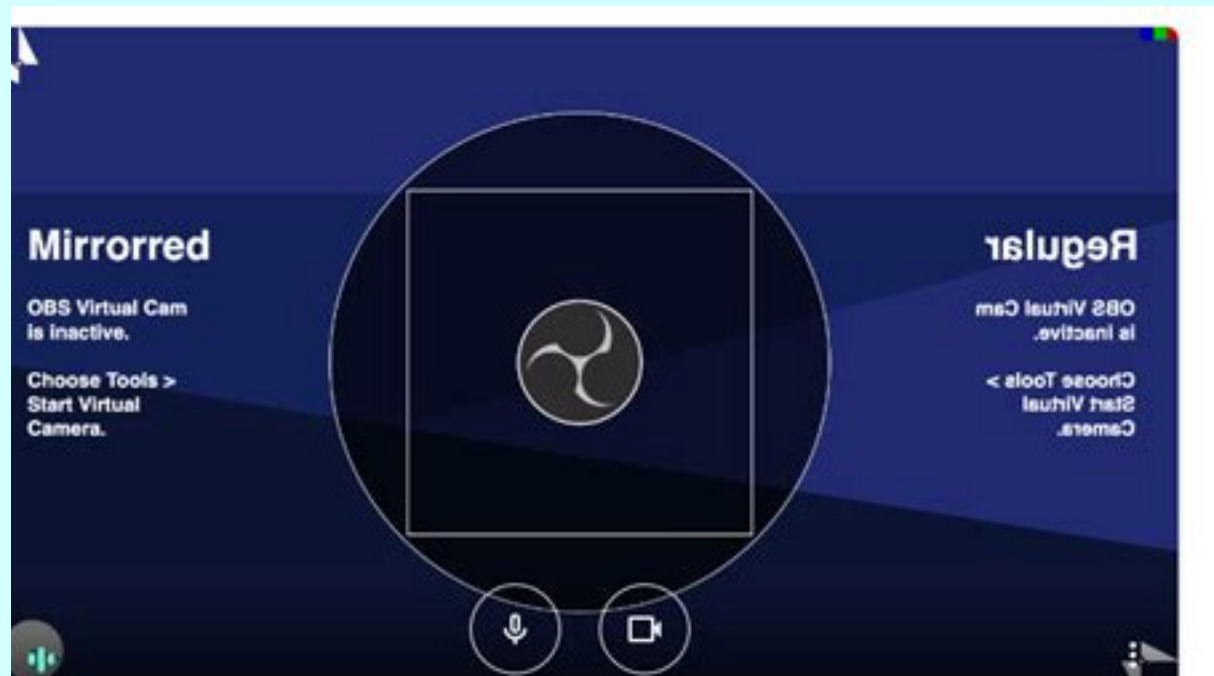
A *Virtual Audio Cable* is a software that allows a user to transfer audio streams from one application to another. Any application is able to send an audio stream to the input side of a "virtual cable" while a corresponding application can receive this stream from the output side.

## Video can do this too!

For Video we can also send our output from one application to another. One way to do it is using a *Virtual Camera*.

OBS has virtual cameras that act as outputs to other applications. We will use these virtual cameras to send video from OBS to Zoom.

For more information on OBS-virtual Cameras visit:  
<https://obsproject.com/forum/resources/obs-virtualcam.949/>



# Virtual Camera from OBS to Zoom & More

Send video to ZOOM as a camera input.

1. Install the OBS virtual camera & **RESTART** OBS.

Mac Computers install a software called **Syphon Virtual Camera**, this will also ask you to install the OBS virtual Camera when you run the installer

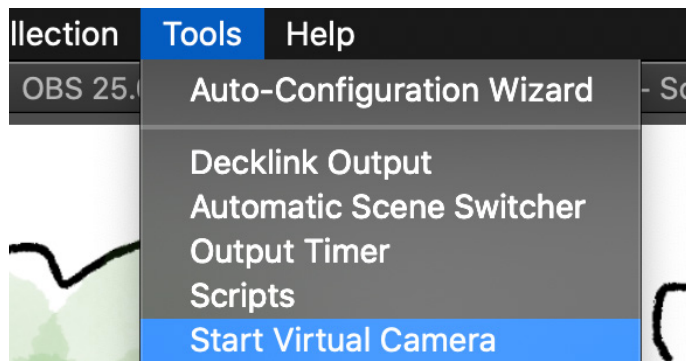
<https://troikatronix.com/plugin/syphon-virtual-webcam/>

Windows download and install **obs-virtual-camera**:

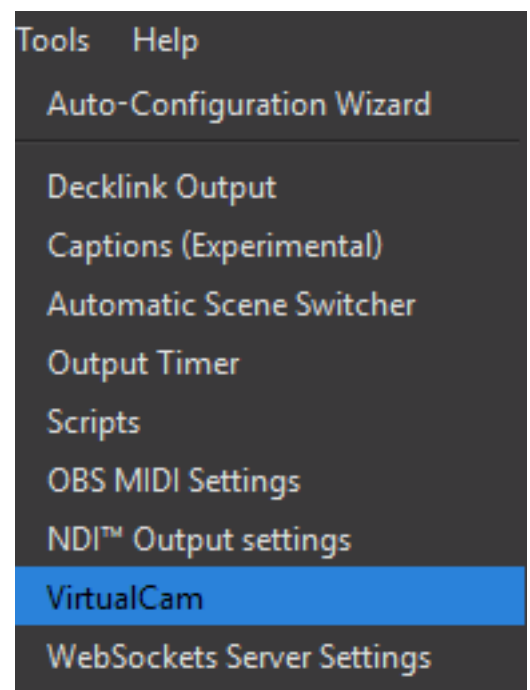
<https://github.com/Fenrirthviti/obs-virtual-cam/releases>

2. After Re-Start, in OBS under the **Tools Menu** select **Start Virtual Camera**

Mac

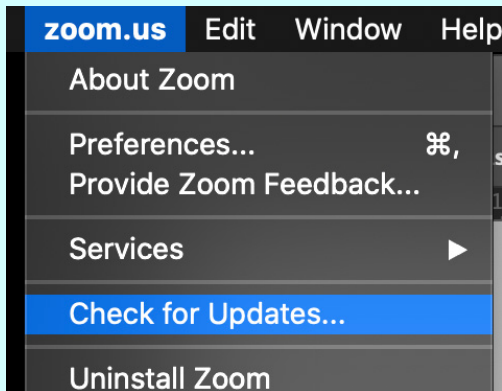


Windows

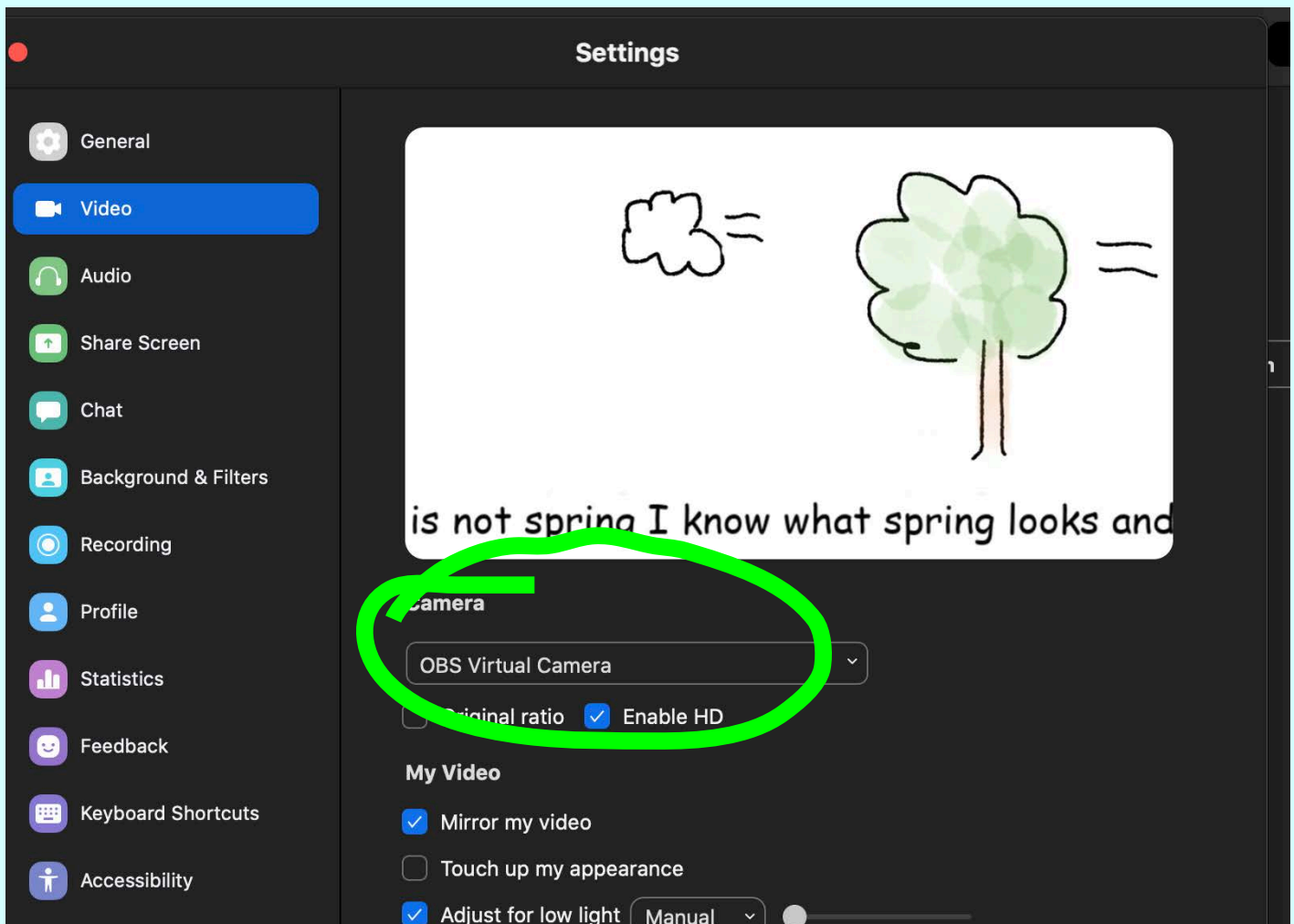


### 3. Open Zoom & UPDATE

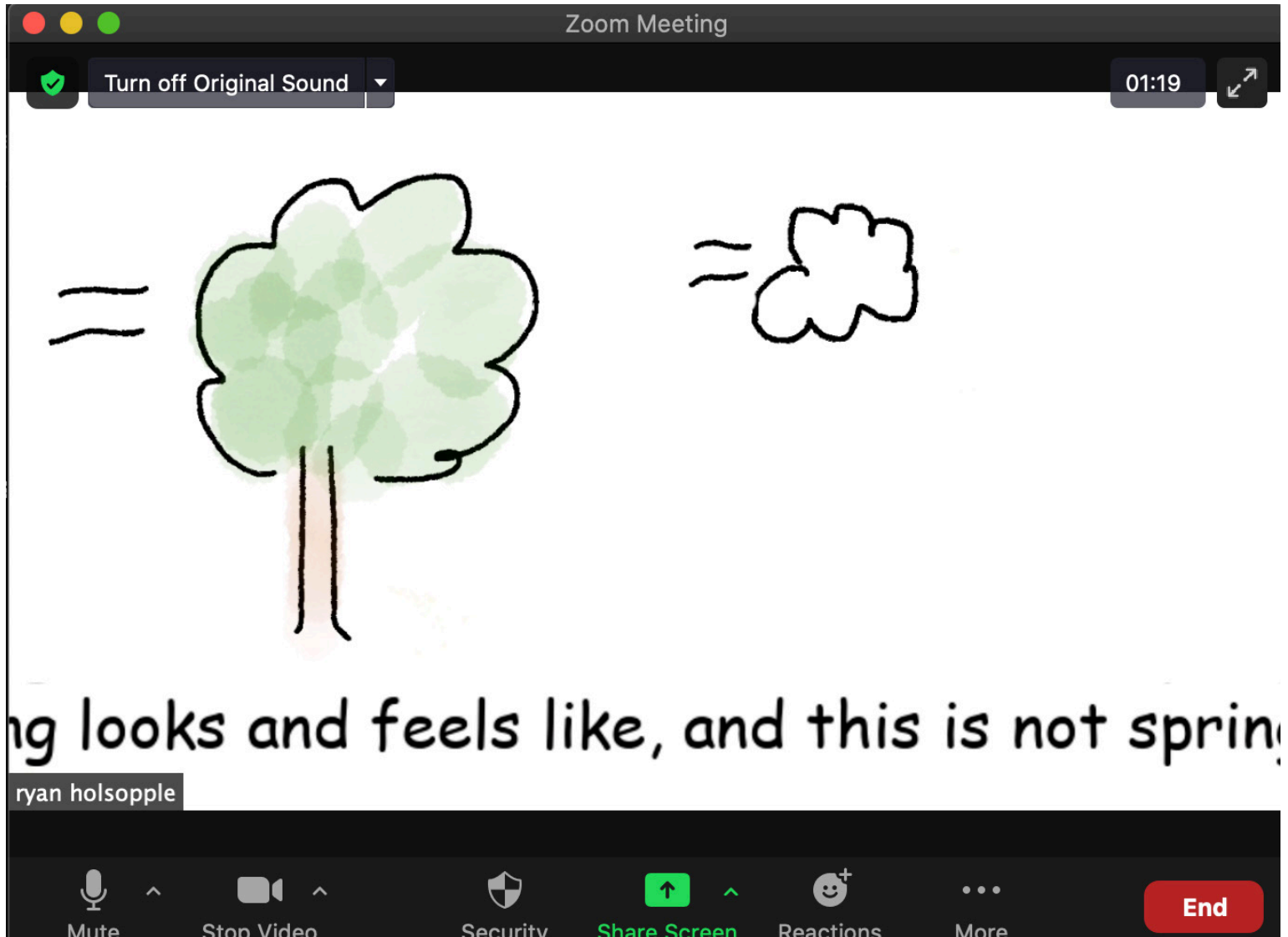
Under **Zoom.us** (upper left corner) > **Check for Updates** > update --yes even if your version is current. Once installed, restart Zoom).



4. In Video Preferences choose **OBS Virtual Camera** as your Camera



5. Go Back to Zoom and see your OBS output as your *Camera*



The screenshot shows a Zoom meeting window with a dark title bar. The title bar contains the text "Zoom Meeting" and a "Turn off Original Sound" button with a green checkmark icon. On the right side of the title bar, there is a timer showing "01:19" and a full-screen icon. The main content area displays a drawing of a tree with a brown trunk and a green, leafy canopy, followed by a drawing of a white, fluffy cloud. Below the drawings, the text "ng looks and feels like, and this is not spring" is visible. At the bottom of the window, there is a toolbar with icons for "Mute", "Stop Video", "Security", "Share Screen", "Reactions", and "More". A red "End" button is located in the bottom right corner. The name "ryan holsopple" is visible in the bottom left corner of the meeting area.

# part 2

## Audio to Zoom

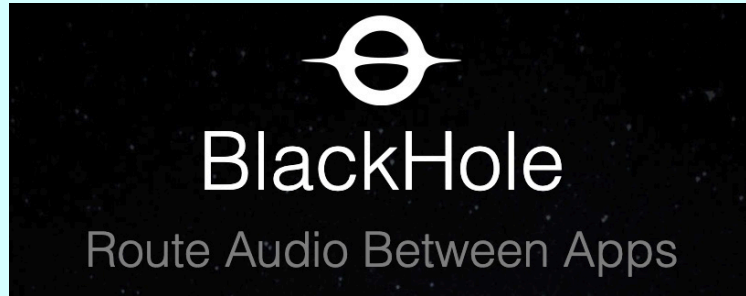


# Virtual Audio Cables

OBS Audio to Zoom and more

Mac Install Blackhole Audio

<https://existential.audio/blackhole/>



Windows Install VB-Cable Audio

<https://vb-audio.com/Cable/index.htm>

Windows note: when running the installer, run the file:  
*VBCABLE\_Setup\_x64.exe*



Ready to install ? Click the button right there...  
it will install VB-Audio Virtual Cable on your system...

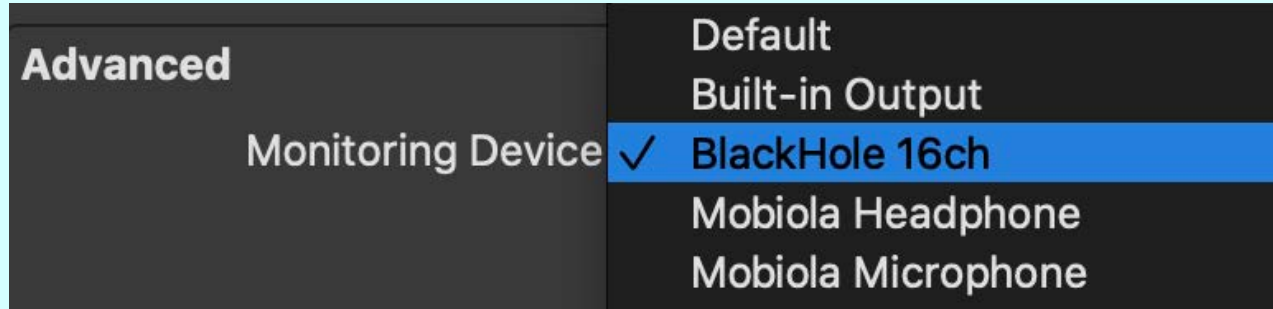
**Install Driver**



# 1. In **OBS** go to Audio Settings

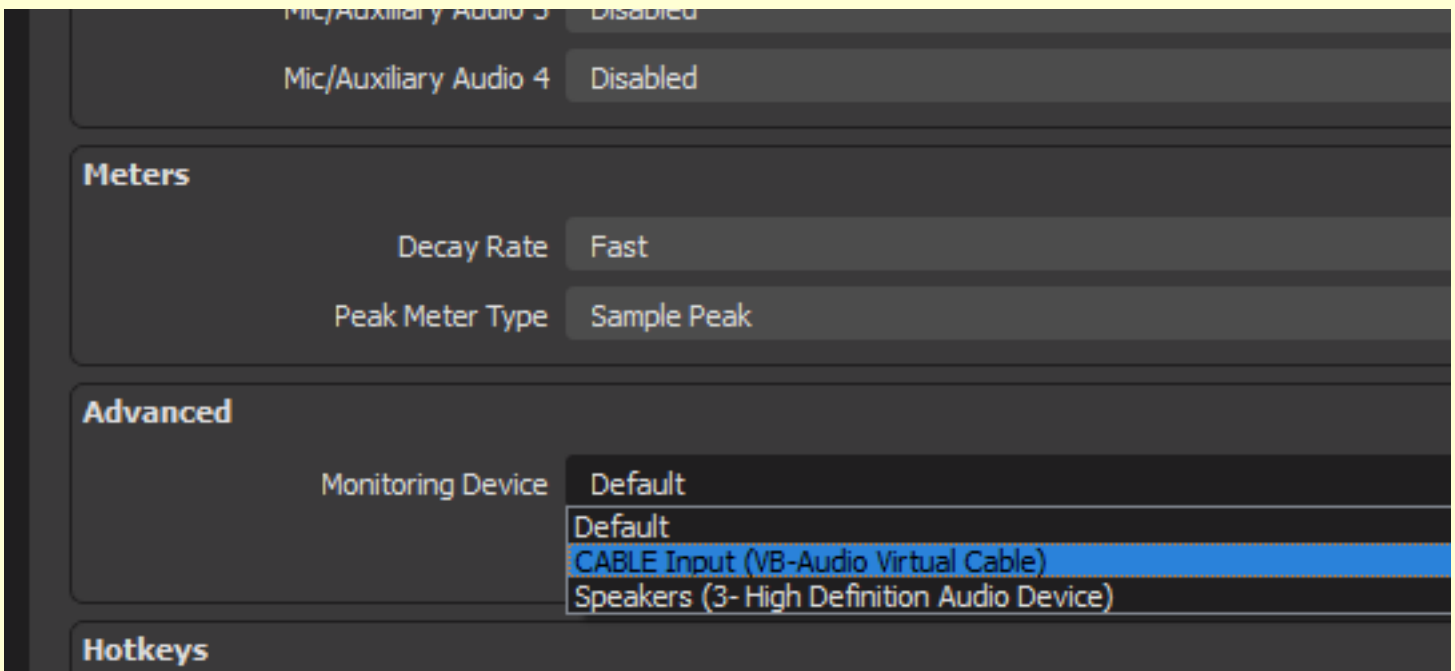
Mac:

Under Advanced > Monitoring Device > Blackhole 16ch



Windows

Under Advanced > Monitoring Device > **CABLE Input (VBAudio Virtual Cable)**



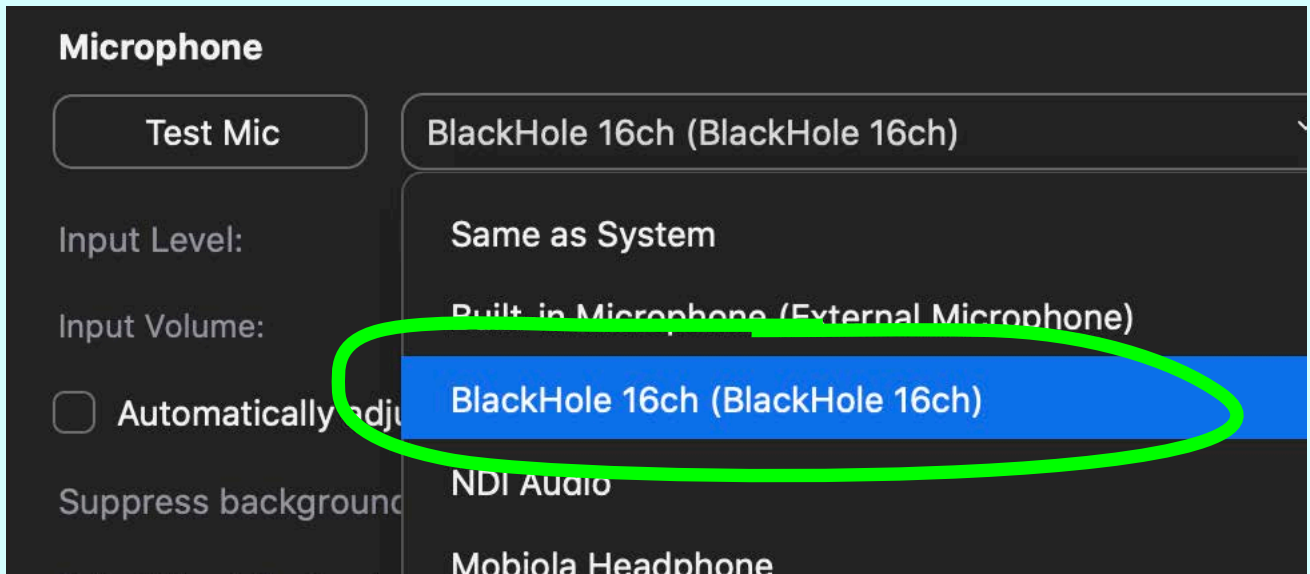


## 2. In **Zoom** Audio Settings

YOU MAY NEED TO RESTART ZOOM

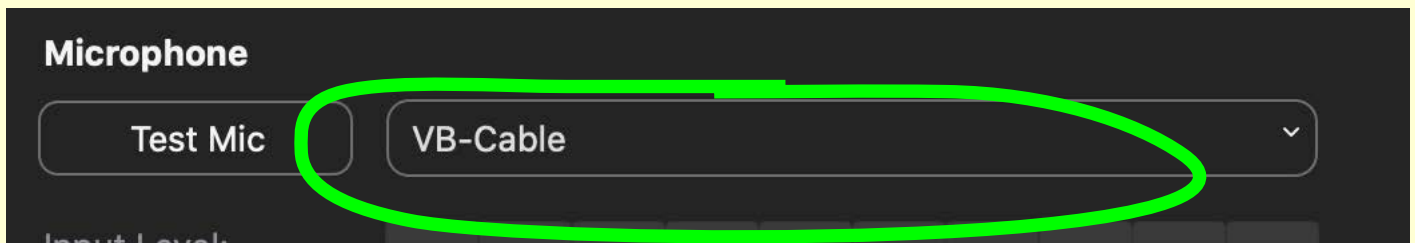
Mac:

Microphone > Blackhole 16ch



Windows:

Microphone > VB-Cable



If you have audio in a scene of OBS you can now send that audio to zoom, try it in your OBS setup. Below you can see I have a Source of 'wind sound.'

