

## **Recommended Audio Configuration for Five9** <sup>[1]</sup>

May 9, 2023 by [m.essa](#) <sup>[2]</sup>

### 1. Disabling Exclusive Mode.

Exclusive mode allows applications to take exclusive control of the interface so that other apps cannot play sound at the same time. This may cause issues when switching audio apps or when another application is also running.

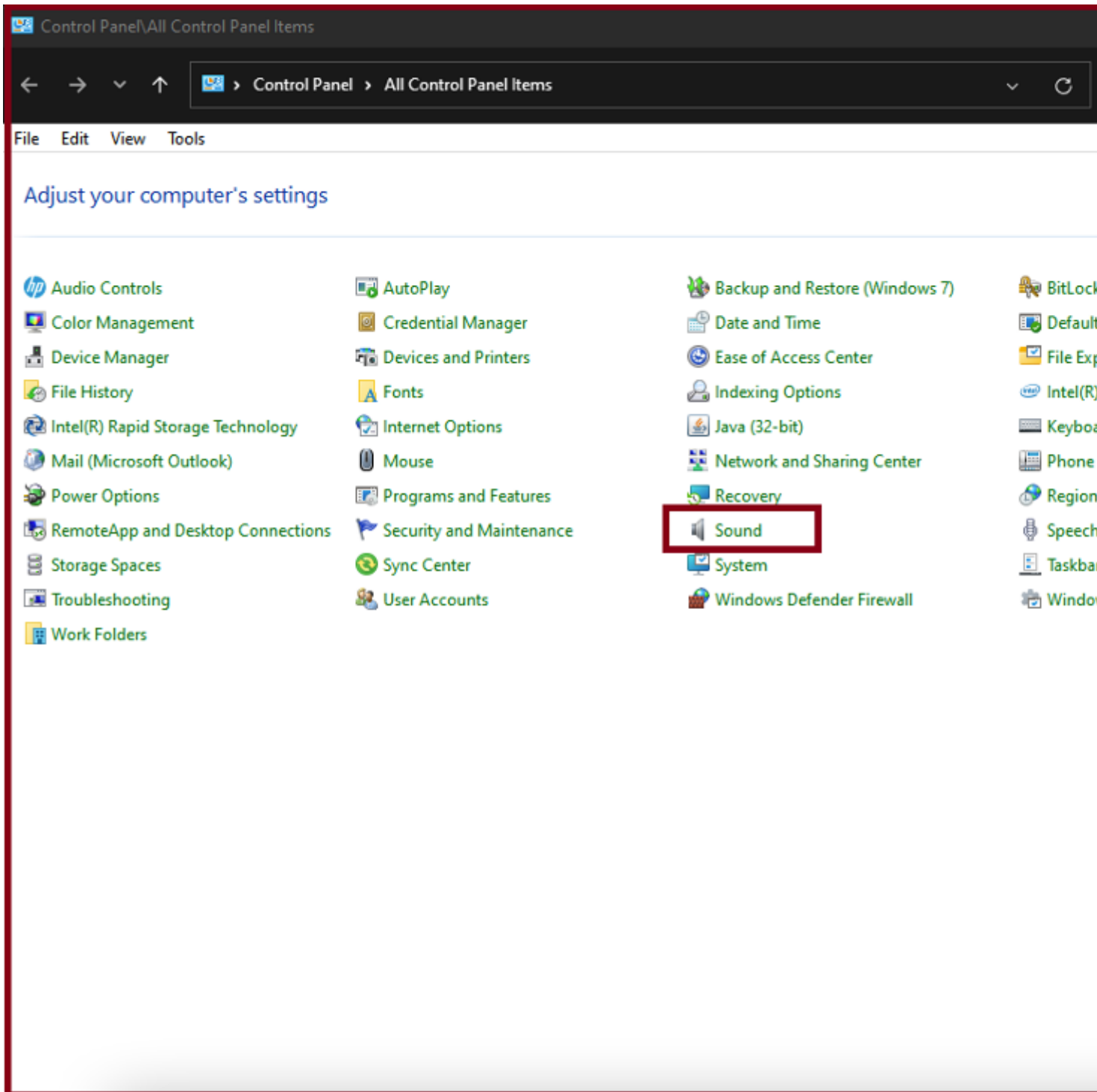
### **IMPORTANT**

When another application like Microsoft Teams is in use, audio priority may switch to MS Teams resulting in one-way audio issues or error messages where the selected audio device is disconnected.

#### **Steps to disable Exclusive Mode**

**Step 1.** Open Control Panel.

**Step 2.** Open Sounds. (While there will be shortcuts to open the sound configuration, the best way to open it would be through the control panel as this will be consistent across all devices running on the Windows operating system)



**Step 3.** Double-click on active audio device in use.

**Step 4.** Click Advance and disable Exclusive Mode.

**Step 5.** Click Save. (The same setup should be performed for Playback and Recording)

Sound

Playback Recording Sounds Communications

Select a playback device below to modify its settings:

- Speakers  
Krisp  
Ready
- Speakers**  
Realtek(R) Audio  
Default Device
- Realtek HD Audio 2nd output  
Realtek(R) Audio  
Not plugged in

Configure Set Default Properties

OK Cancel Apply

Speakers Properties

General Levels **Advanced** Spa

Default Format

Select the sample rate and bit depth in shared mode.

24 bit, 48000 Hz

Exclusive Mode

- Allow applications to take exclusive control of this device
- Give exclusive mode applications priority

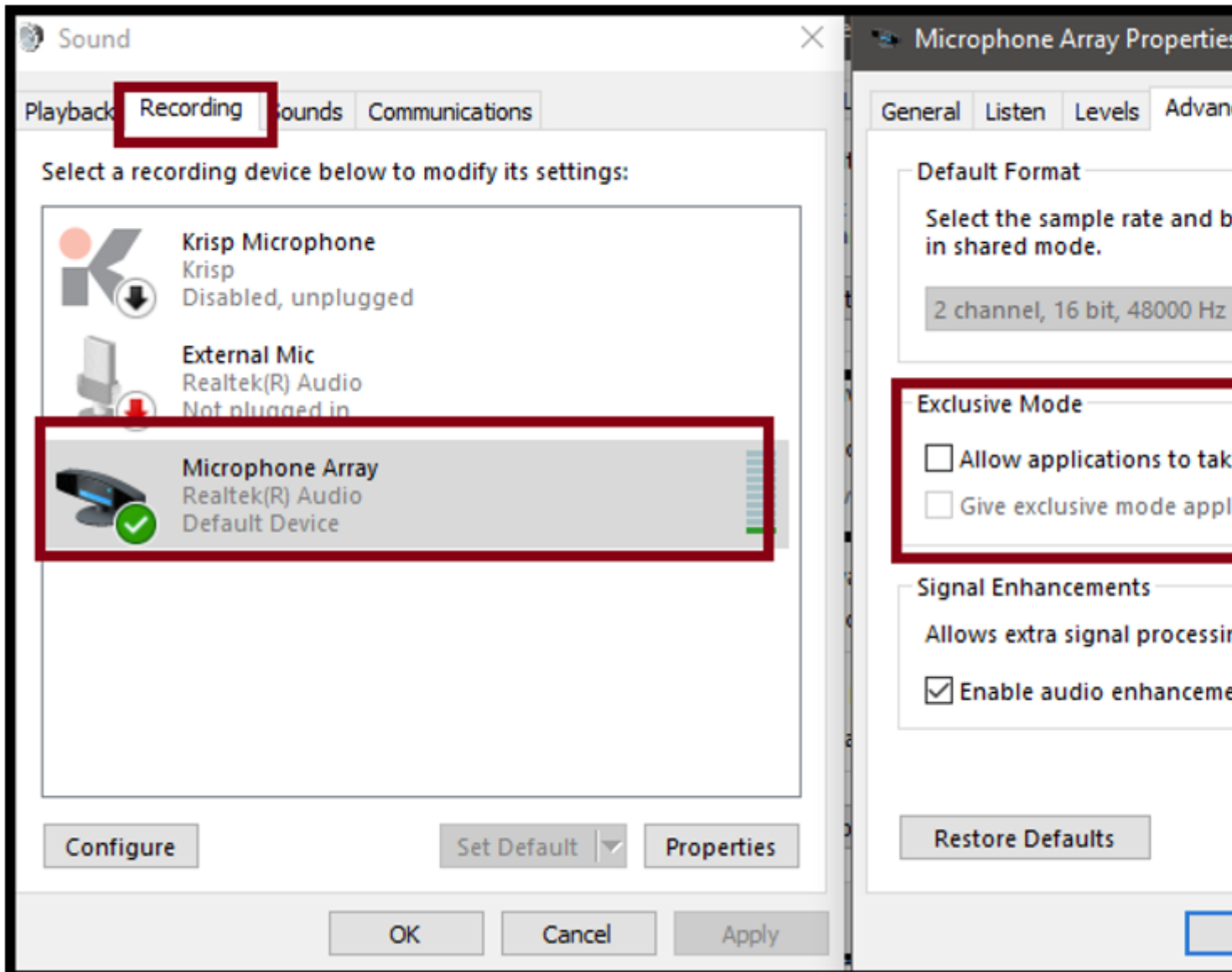
Hardware Acceleration

- Allow hardware acceleration

Signal Enhancements

- Enable audio enhancements

Restore Defaults

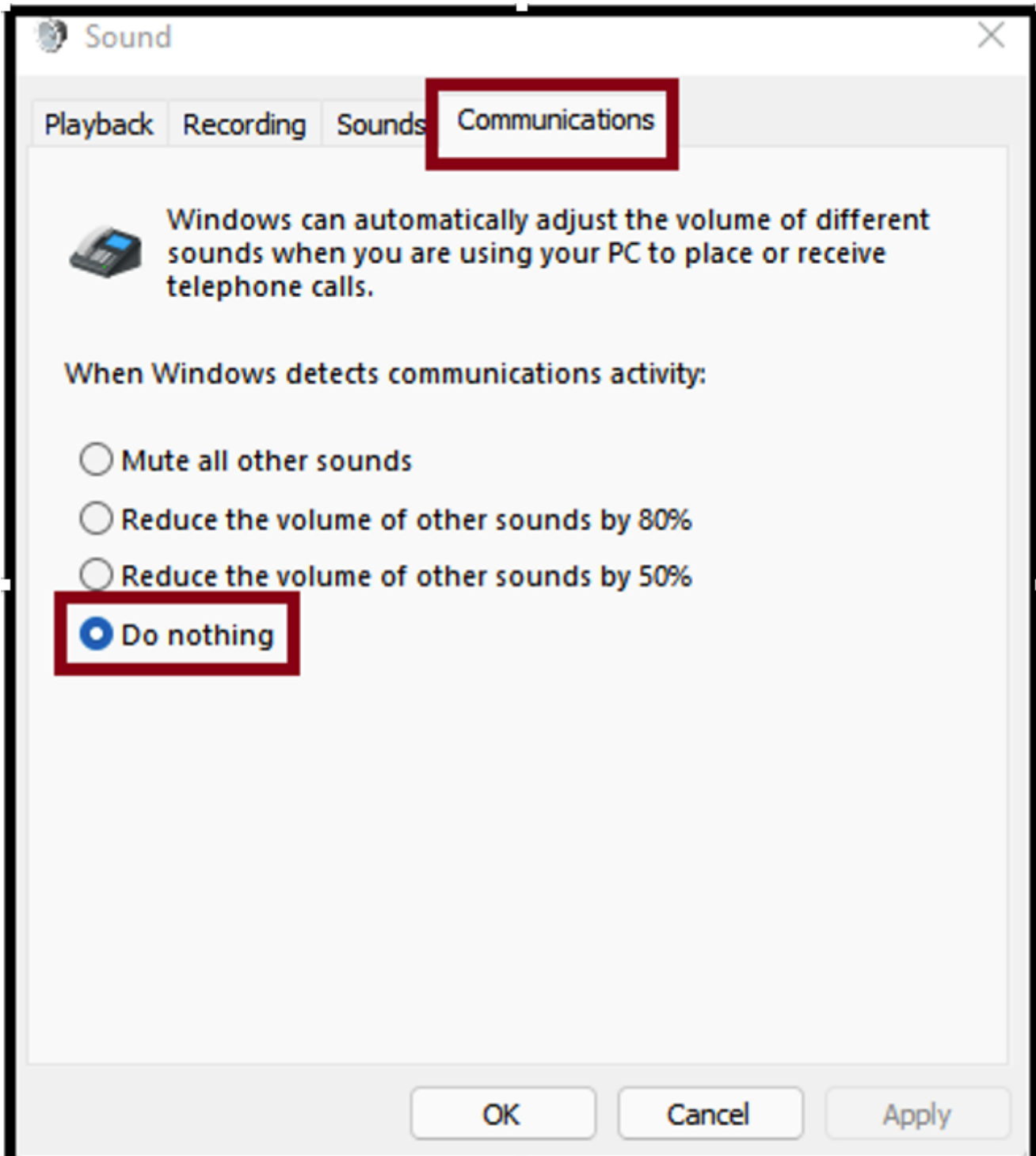


## IMPORTANT

Changes to the sound device's configuration may result in temporary loss of audio. This is a design behavior window and may vary per device. It is advisable that as soon as the changes are performed, relaunching the apps, unplugging and plugging the audio device, or restarting the station in Five9 should re-establish the audio connection.

### 2. Disabling Automatic Volume Control.

Preferably this is set to do nothing.



### IMPORTANT

By default, this is set to 80%. When a call comes in and the user is on another tab or another app, the ring notification will be lowered by 80% which results in the ring being barely audible. This may result in the agent being set to not ready-system status for not being able to answer the call when the automatic answer is off.

### 3. Setting Default Audio per Apps.

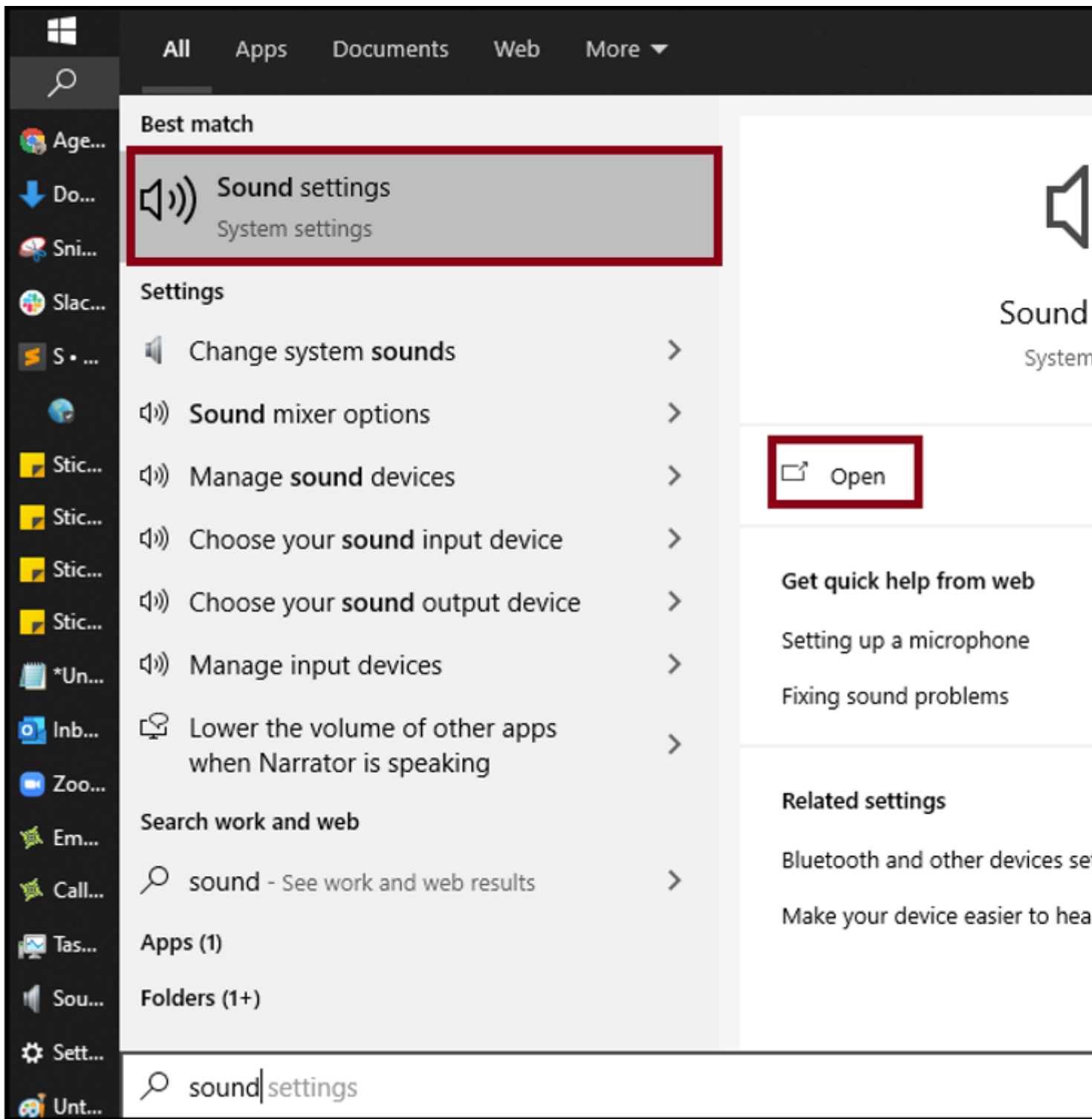
Control Panel Sound Configuration aside, we have another sound setting that we could check by simply typing sound settings on the search bar. This is useful for making sure

that Five9 uses the correct audio input and output device. In this Sound Settings, we'll have specific volume control per apps and the ability to use different audio outputs for different applications.

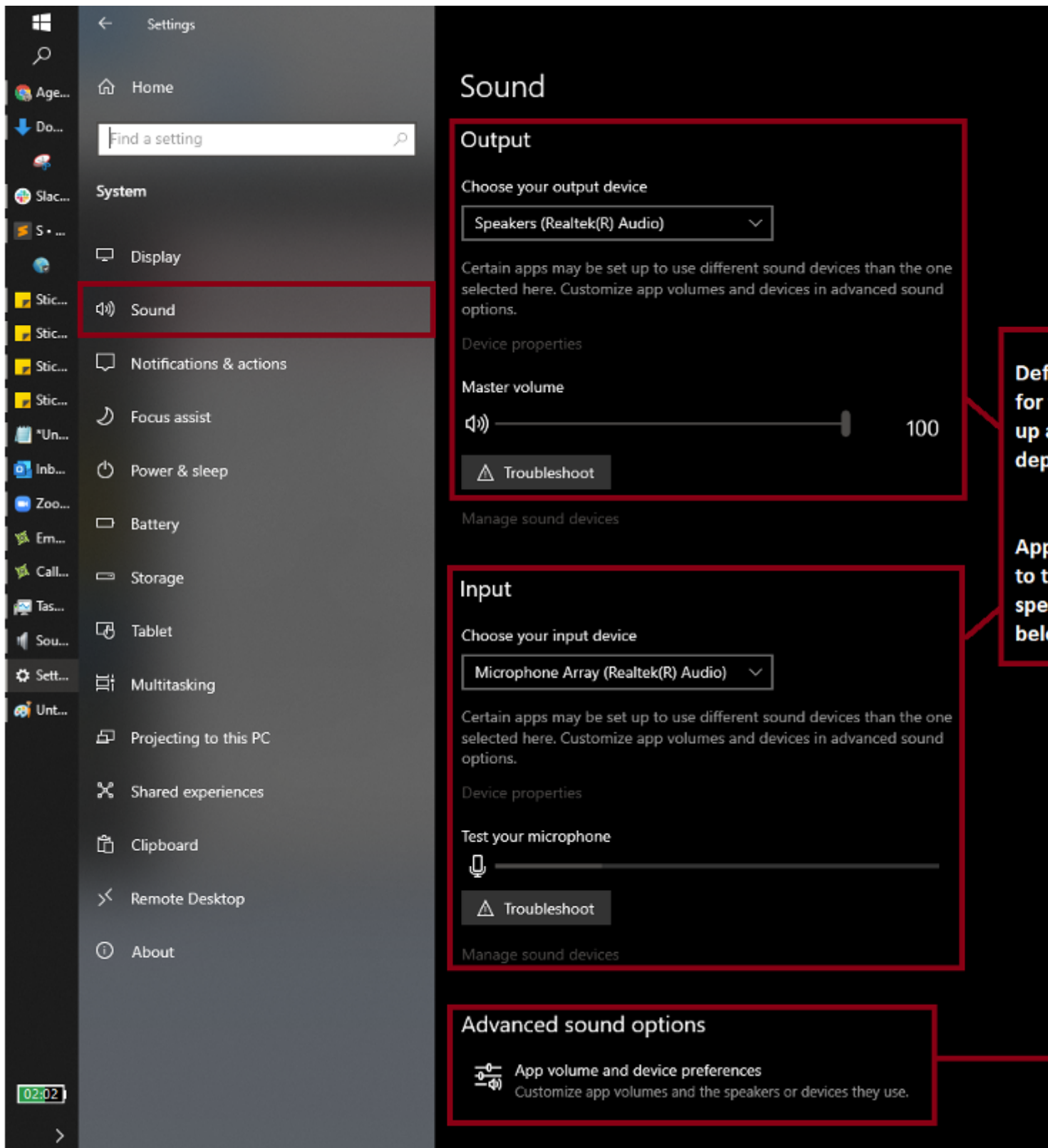
### Steps to Configure Sound Settings.

**Step 1.** Click the Search Bar and Type "Sound". (Another shortcut for missing search bar is to right-click on the windows icon and click "search")

**Step 2.** Open the Sound Settings.



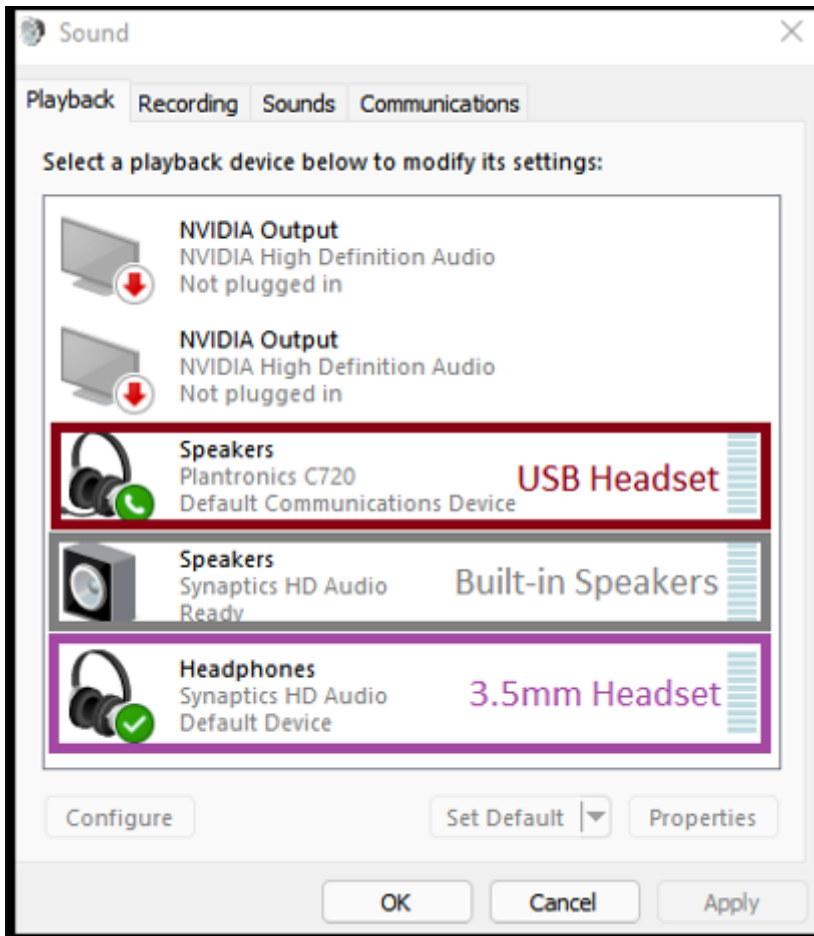
**Step 3.** Select the preferred input and output devices.



## IMPORTANT

If you do not see your audio device here, please check if the device is using USB or 3.5mm Jack. USB Devices will normally show as separate audio devices and will most of the time specify the name of the device while analog audio devices will show as either Headphones or

Speaker.



**Step 4.** Specify the audio device per app as needed. This will be helpful if the agents want their ring notification to come out of the speaker and audio for the call to be processed on the headset.



The screenshot shows the Windows Settings application, specifically the 'App volume and device preferences' page. The page is titled 'App volume and device preferences' and has a back arrow and 'Settings' label at the top left. Below the title, there is a section for 'Master volume' with a slider set to 100. To the right of this section, there are 'Output' and 'Input' dropdown menus, both set to 'Speakers (Realtek(R)...)'. Below this is a table with columns for 'App Volume' and 'Output Input'. The table lists several applications: 'System sounds', 'Five9 Softphone', 'Krisp', 'Sound', 'Zoom', and 'Zoom Meetings'. Each application has a volume slider (all set to 100) and two dropdown menus for 'Output' and 'Input', all of which are set to 'Default'. At the bottom of the page, there is a 'Reset to the Microsoft recommended defaults.' button and a 'Reset' button. The Windows taskbar is visible on the left side of the screen.

**Adjust the master volume to change all sounds. You can adjust volume for specific apps and system sounds as a percentage of the master volume.**

**Output**  
Speakers (Realtek(R)...) ▾

**Input**  
Microphone Array (...) ▾

**Master volume**  
100

App	Volume	Output	Input
System sounds	100	Default ▾	Default ▾
Five9 Softphone	100	Default ▾	Default ▾
Krisp	100	Default ▾	Default ▾
Sound	100	Default ▾	Default ▾
Zoom	100	Default ▾	Default ▾
Zoom Meetings	100	Default ▾	Default ▾

Reset to the Microsoft recommended defaults.  
Reset

**This the same option specified on the previous page with the addition of the master volume control.**

**These are sounds that are native to the windows computer, common system sounds are dings, and alerts.**

**This is the Actual Five9 app. Any audio used here will reflect to the audio device specified on the Five9 Adapter Sound .**

**it is important to note that apps that do appear here means they are currently the system sound and thus, it is best to first before configuring.**

**One Fine example is that even though Browser is active. Since no audio stream Chrome will not show here.**

**Any application that does not have an preferred audio device to it will use the**

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