

# VOCAL TRANSCRIBER

Windows / Mac Multichannel Setup Guide



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This guide helps you resolve audio conflicts and ensure your system correctly recognizes and records all 8 independent channels.

**IPEVO**  
www.ipevo.com.tw

Customer Service  
Email: [cs@ipevo.com](mailto:cs@ipevo.com)  
Tel: +1-408-490-3085 [USA]

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# Microsoft Windows : Multichannel Setup

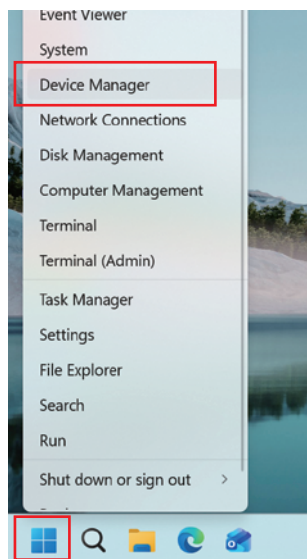
## Stage 1: Eliminate Low-Level Hardware Conflicts

Why this matters

Many modern Intel-based laptops include Intel® Smart Sound Technology (Intel® SST), which can interfere with USB audio streams. This may cause VOCAL TRANSCRIBER to be forced into mono or stereo mode.

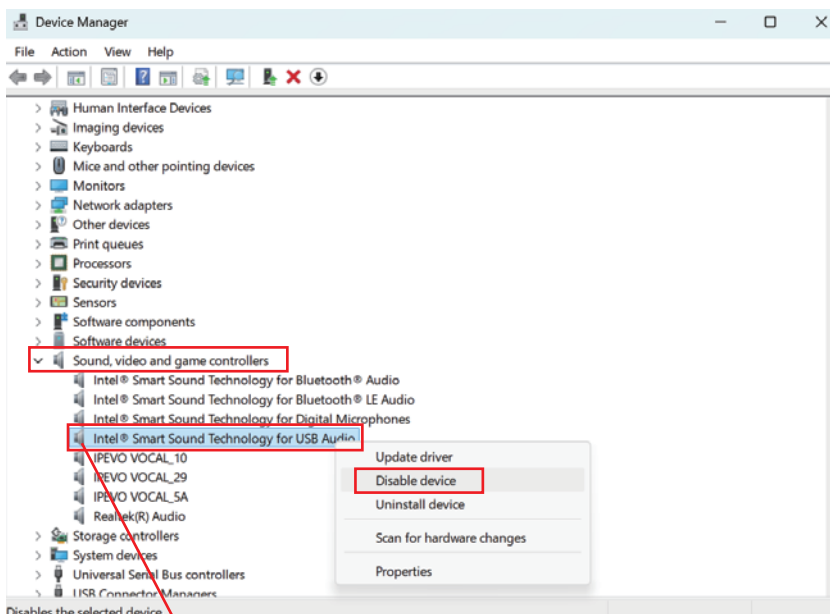
### Step 1. Open Device Manager

Right-click the Start icon in the lower-left corner of the screen and select Device Manager.



### Step 2. Locate the interfering device

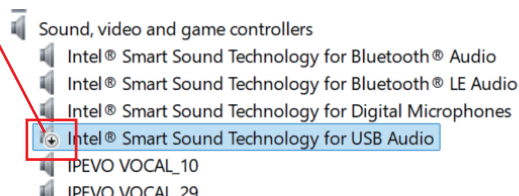
Expand Sound, video and game controllers.



### Step 3. Disable Intel SST

Find the item labeled Intel® Smart Sound Technology for USB Audio. Right-click it and select Disable device.

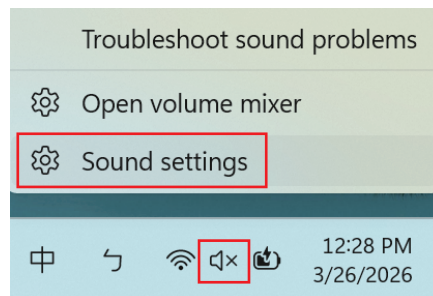
Note: If a downward arrow (⏴) appears on the icon, the device has been successfully disabled. This will not damage your computer.



## Stage 2: Configure 8-Channel Recording Format

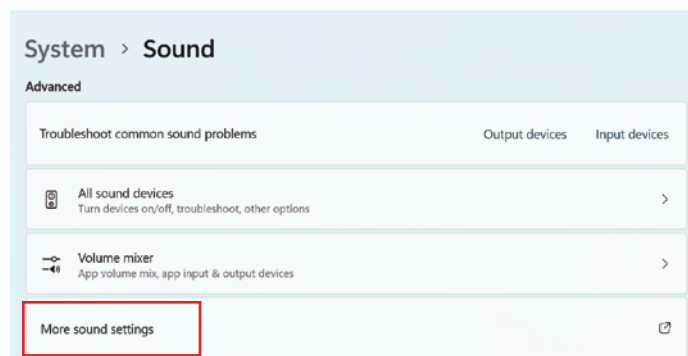
### Step 1. Open Sound Settings

Right-click the speaker icon in the lower-right taskbar and select Sound settings.



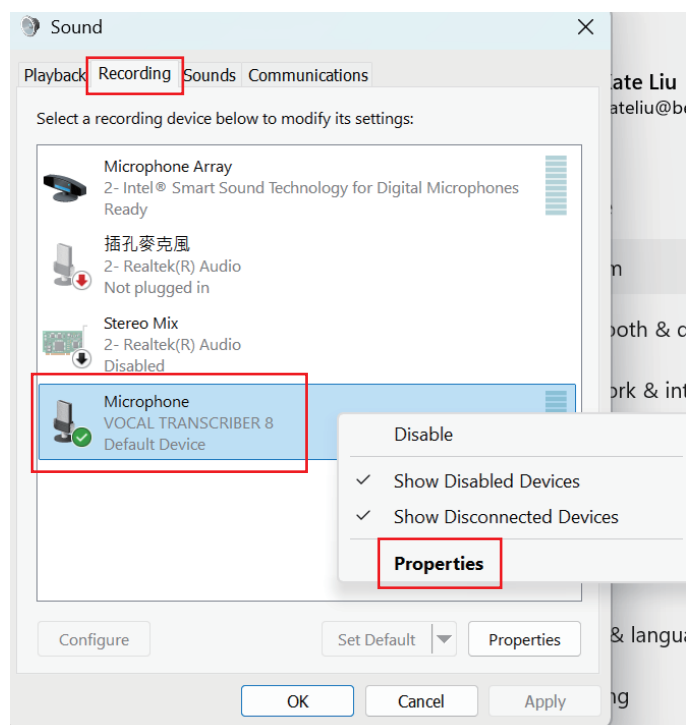
### Step 2. Open advanced options

Scroll down in the window and click More sound settings.



### Step 3. Open recording device properties

In the pop-up window, switch to the Recording tab. Find VOCAL TRANSCRIBER, right-click it, and select Properties.

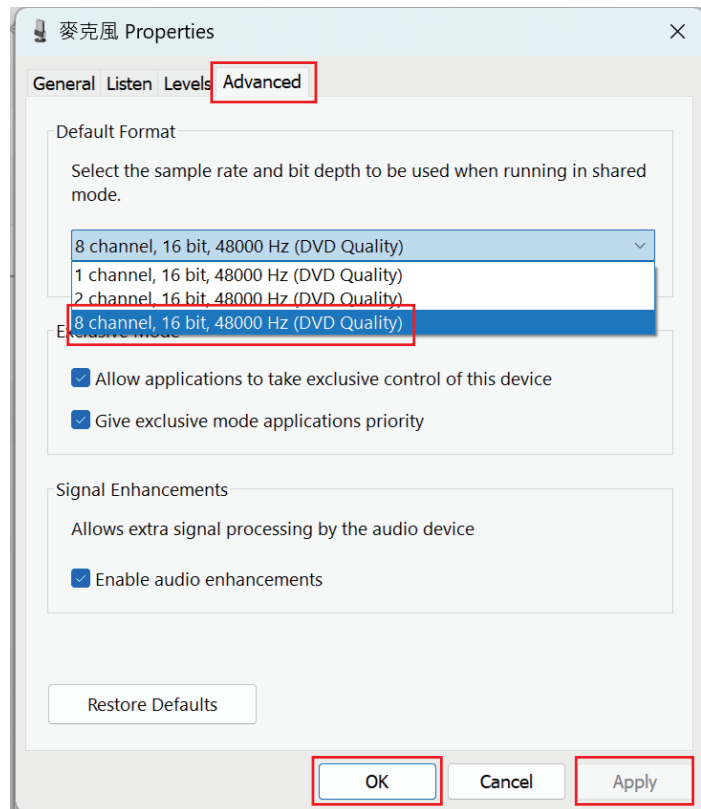


## Step 4. Set the device to 8 channels

Go to the Advanced tab. From the dropdown menu, select: 8 channel, 16 bit, 48000 Hz [DVD Quality]

## Step 5. Save the settings

Click Apply, then OK.



## Stage 3: Application Compatibility

After completing the setup, software may behave differently depending on its level of multichannel support. Please refer to your application's capabilities and expected use case.

	Representative	Performance
<b>Remote conferencing tools</b>	Teams / Zoom / Google Meet	<b>Automatic Down-mix:</b> The software mixes 8 audio tracks into 1 track for transmission. Remote listeners can hear everyone's voice, but cannot adjust each individual volume separately.
<b>Professional recording / broadcasting</b>	Adobe Audition / OBS / vMix	<b>Fully Independent:</b> The software can display and record 8 separate waveforms at the same time, making it suitable for professional needs such as post-production editing and individual audio balancing.

## Device Switching and Restore [FAQ]

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### **Q: Will disabling Intel SST affect other devices such as Bluetooth headsets or USB webcams?**

Generally, no.

- No impact: External USB devices and bluetooth devices will continue to work normally.
- Minor impact: The AI noise reduction feature of your laptop's built-in microphone may be temporarily disabled when SST is turned off.

### **Q: How do I restore the original settings?**

If you no longer use the 1-8 microphone system, simply return to Device Manager, right-click the Intel® SST item, and select Enable device. Your system will then return to its original factory audio processing mode.

### **Q: If my computer uses an AMD processor, will I have the same issue?**

Usually not.

- Technical difference: AMD systems typically use AMD ACP (Audio Co-Processor) technology. Unlike Intel SST, which may actively take control of USB audio devices, AMD's driver behavior is generally more passive and usually does not restrict the number of channels on external USB audio devices.
- Recommendation: AMD users can usually skip Stage 1 and go directly to Stage 2 to check the Windows format setting. If 8 channels still do not appear in Stage 2, the issue is usually not caused by a driver conflict, but by insufficient USB bandwidth or poor cable quality.

### **Q: Will the built-in Realtek audio chip affect the 8-channel microphone?**

In most cases, no. Only with one exception.

- **Independent audio paths:** The Realtek audio chip mainly handles the laptop's headphone jack and built-in speakers. Your 1-8 microphone connects through USB and includes its own dedicated audio processing chip, so it operates independently from Realtek.
- **Possible exception:** Audio Enhancements Some Realtek control software, such as Realtek Audio Console, may enable global audio enhancement features. In rare cases, these enhancements can cause distortion with multichannel devices.
- **Recommendation:** If you hear noise or distortion, open the microphone Properties window and, under the Enhancements or related tab, check Disable all sound effects.

# macOS: Multichannel Setup

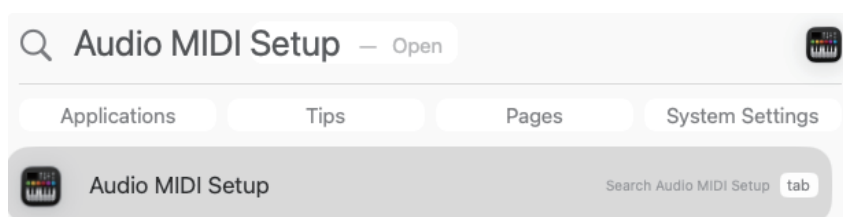
## Step 1: Open Audio MIDI Setup

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Advanced audio settings on macOS are not located in System Settings, but in a separate utility.

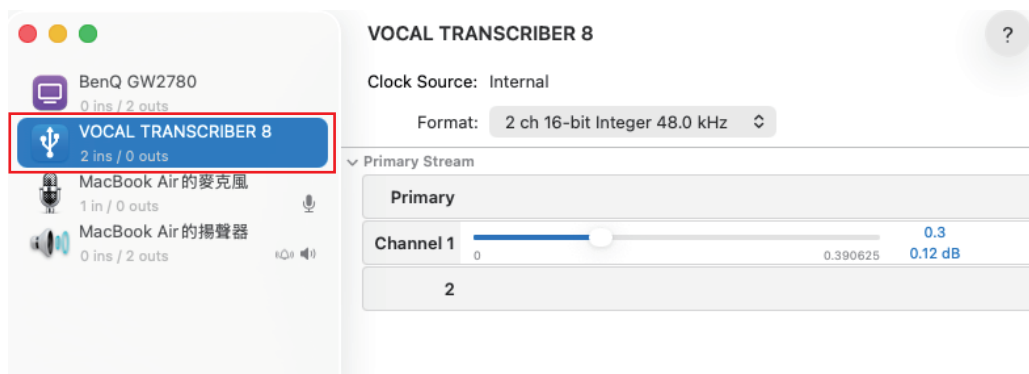
### 1. Spotlight Search Settings:

Press Command + Space, type Audio MIDI Setup, and open it.



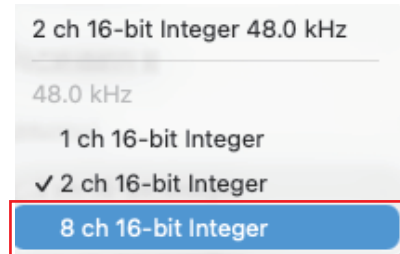
### 2. Select Device Settings:

From the device list on the left, click on your "VOCAL TRANSCRIBER".

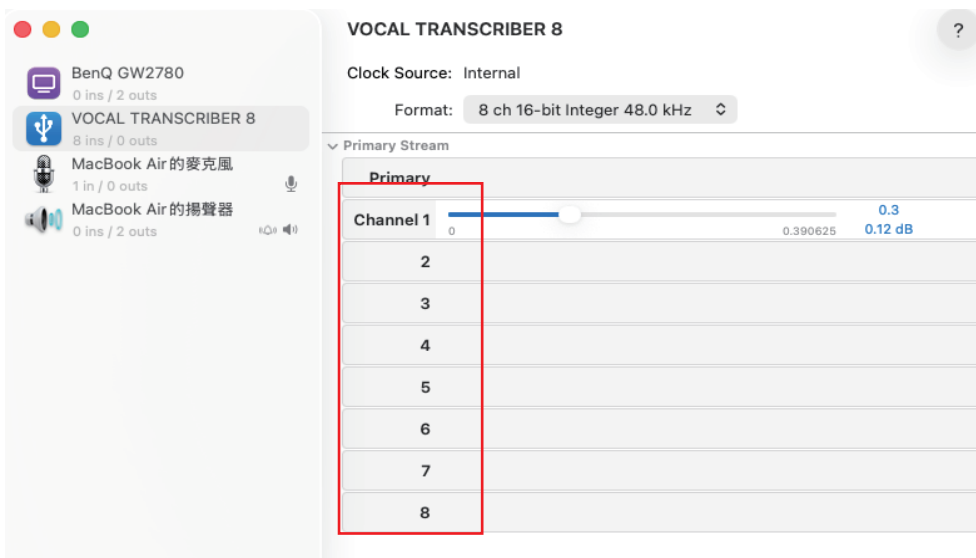


## Step 2: Confirm Channel Configuration

1. Check the Format dropdown menu. In most cases, macOS will automatically recognize the device as: 8 ch, 16-bit Integer, 48.0 kHz.



2. Then click Configure Speakers or Configure [wording may vary by macOS version]. Under the Input section, you should see 8 separate level meters for channels 1 through 8, indicating that macOS has fully recognized the device.



## Mac Usage and System Impact [FAQ]

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### **Q: Will changing these settings affect my MacBook's normal functions?**

Almost not at all. MacOS manages each audio device independently.

- Built-in speakers and microphone: Not affected.
- Other headphones or audio devices: Also not affected.
- One thing to watch for: If you manually change the sample rate in Audio MIDI Setup to a value such as 96 kHz, and your software does not support it, you may experience audio dropouts or unstable sound. We recommend keeping the sample rate at 48.0 kHz.

### **Q: How do applications behave on Mac?**

As with Microsoft Windows, software limitations still apply.

- FaceTime / Teams / Zoom: These applications will still automatically down-mix the 8 input channels into mono or stereo for transmission.
- Logic Pro / GarageBand / Adobe Audition: These professional applications can properly recognize all 8 independent tracks for separate recording.

## **VOCAL TRANSCRIBER Chromebook OS: Multichannel configuration is not supported on Chromebook OS.**

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<b>Item</b>	<b>Impact Level</b>	<b>Details</b>
<b>Intel processor laptops</b>	Manual adjustment required	Intel SST must be disabled, otherwise the system may limit the device to mono operation only.
<b>AMD processor laptops</b>	No significant impact	Usually recognized directly, no special hardware adjustments are needed.
<b>MacBook [Apple]</b>	No significant impact	The system manages audio devices independently, so the built-in microphone and speakers are not affected.
<b>Built-in noise reduction</b>	Minor impact	After disabling Intel SST, only the AI noise reduction for the built-in microphone may be temporarily disabled.
<b>External peripheral devices</b>	No impact	Existing Bluetooth headsets and USB webcams can still be used normally as plug-and-play devices.