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Configuring Audio Input and Output

After you install the included motherboard drivers, make sure your Internet connection works properly. the system will automatically install the audio driver from Microsoft Store. Restart the system after the audio driver is installed.

1-1   Configuring 2/4/5.1/7.1-Channel Audio

The motherboard provides five audio jacks on the back panel which support 2/4/5.1/7.1-channel (Note) audio. The picture to the right shows the default audio jack assignments.
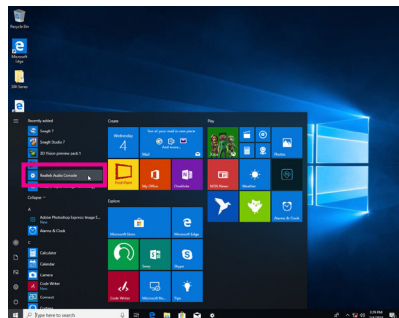
Center/Subwoofer
Speaker Out
Line In
Rear Speaker Out
Front Speaker Out
Mic In
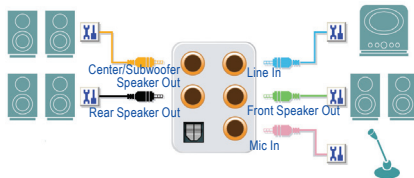
> To configure 4/5.1/7.1-channel audio, you have to retask either the Line in or Mic in jack to be Side speaker out through the audio driver.
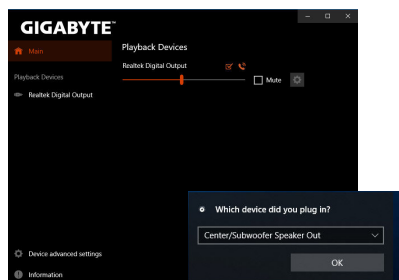
A. Configuring Speakers
Step 1:
Go to the Start menu click the **Realtek Audio Console**.

Step 2:
Connect an audio device to an audio jack *****. The **Which device did you plut in ?** dialog box appears. Select the device according to the type of device you connect. Then click **OK**.

(Note)   2/4/5.1/7.1-Channel Audio Configurations:
Refer to the following for multi-channel speaker configurations.
• 2-channel audio: Headphone or Line out.
• 4-channel audio: Front speaker out and Rear speaker out.
• 5.1-channel audio: Front speaker out, Rear speaker out, and Center/Subwoofer speaker out.
• 7.1-channel audio: Front speaker out, Rear speaker out, Center/Subwoofer speaker out, and Side speaker out.

Step 3:
On the **Speakers** screen, click the **Speaker Configuration** tab. In the **Speaker Configuration** list, select **Stereo**, **Quadraphonic**, **5.1 Speaker**, or **7.1 Speaker** according to the type of speaker configuration you wish to set up. Then the speaker setup is completed.
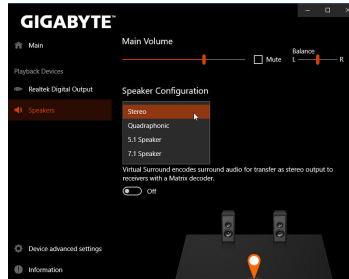
B. Configuring Sound Effect
You may configure an audio environment on the **Speakers** tab.

C. Enabling Smart Headphone Amp
The Smart Headphone Amp feature automatically detects impedance of your head-worn audio device, whether earbuds or high-end headphones to provide optimal audio dynamics. To enable this feature, connect your head-worn audio device to the Line out jack on the front panel and then go to the **Realtek HD Audio 2nd output** page. Enable the **Smart Headphone Amp** feature. The **Headphone Power** list below allows you to manually set the level of headphone volume, preventing the volume from being too high or too low.
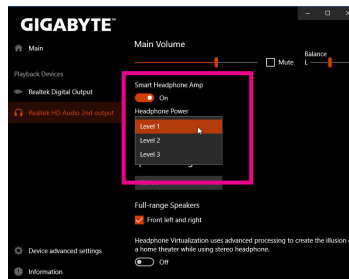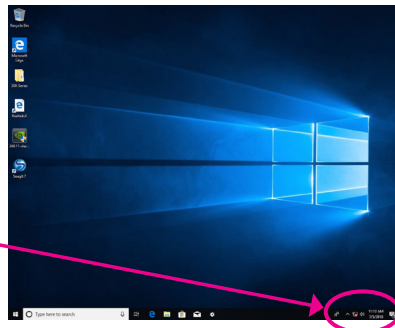
* Configuring the Headphone
When you connect your headphone to the Line out jack on the back panel or front panel, make sure the default playback device is configured correctly.

Step 1:
Locate the ◁)) icon in the notification area and right-click on this icon. Select **Sounds**.

Step 2:
On the **Playback** tab, make sure your headphone is set as the default playback device. For the device connected to the Line out jack on the back panel, right-click on **Speakers** and select **Set as Default Device**; for the device connected to the Line out jack on the front panel, right-click on **Realtek HD Audio 2nd output**.
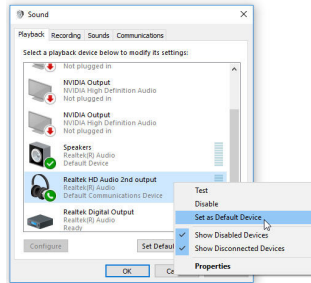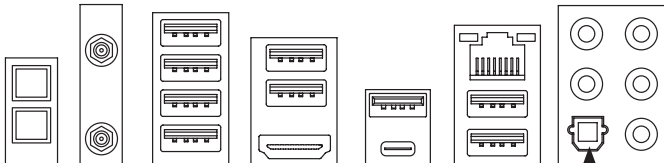
1-2   Configuring S/PDIF Out

The S/PDIF Out jack can transmit audio signals to an external decoder for decoding to get the best audio quality.

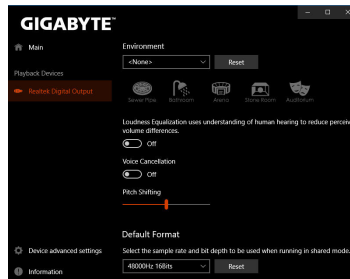**1. Connecting a S/PDIF Out Cable:**
Connect a S/PDIF optical cable to an external decoder for transmitting the S/PDIF digital audio signals.

Connects to a S/PDIF optical cable

2. Configuring S/PDIF Out:
On the **Realtek Digital Output** screen, Select the sample rate and bit depth in the **Default Format** section.
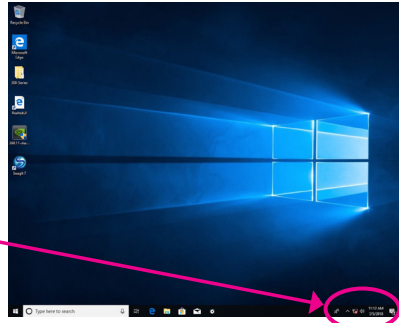
1-3   Stereo Mix

The following steps explain how to enable Stereo Mix (which may be needed when you want to record sound from your computer).
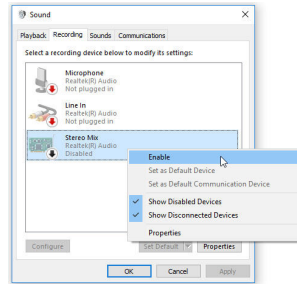
Step 1:
Locate the icon in the notification area and right-click on this icon. Select **Sounds**.

Step 2:
On the **Recording** tab, right-click on **Stereo Mix** item and select **Enable**. Then set it as the default device. (if you do not see **Stereo Mix**, right-click on an empty space and select **Show Disabled Devices**.)
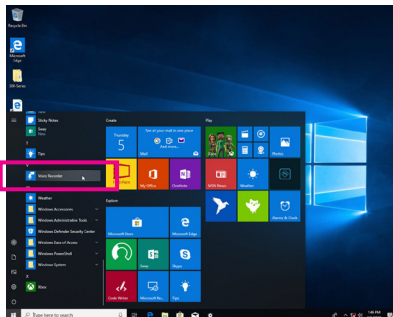

Step 3:
Now you can access the **HD Audio Manager** to configure **Stereo Mix** and use **Voice Recorder** to record the sound.
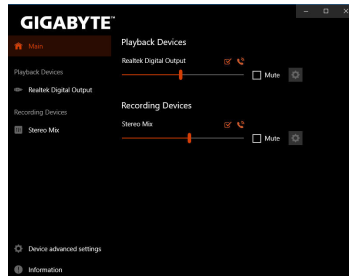
1-4　Using the Voice Recorder

After setting up the audio input device, to open the **Voice Recorder,** go to the Start menu and search for **Voice Recorder**.

A. Recording Audio
1. To begin the recording, click the **Record** icon.
2. To stop the recording, click the **Stop recording** icon.

B. Playing the Recorded Sound
The recordings will saved in Documents>Sound Recordings. Voice Recorder records audio in MPEG-4 (.m4a) format. You can play the recording with a digital media player program that supports the audio file format.