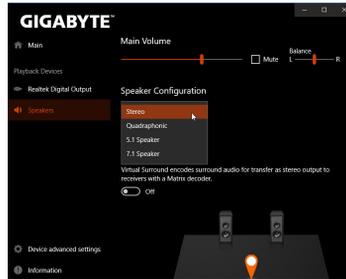


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Step 3:

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.

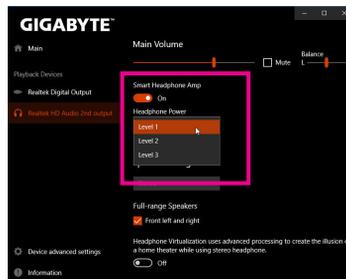


B. Configuring Sound Effect

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.

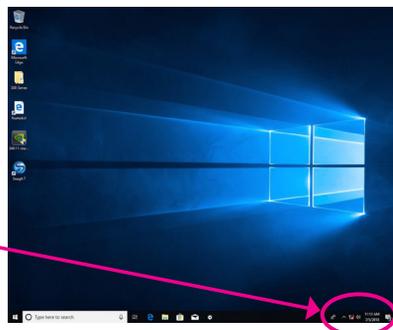


* Configuring the Headphone

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.

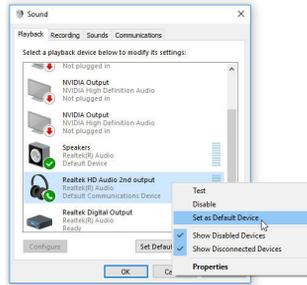
Step 1:

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**.

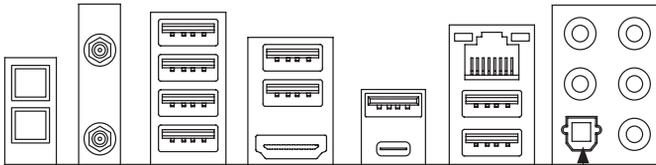


1-2 Configuring S/PDIF Out

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.

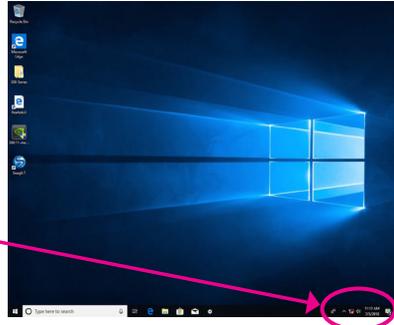
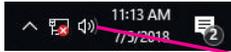


1-3 Stereo Mix

The following steps explain how to enable Stereo Mix (which may be needed when you want to record sound from your computer).

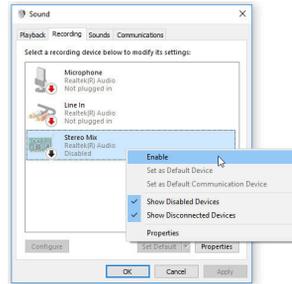
Step 1:

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 be 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.