

How to Enable SPDIF Out and Digital I/O

Keywords/Key Phrases: FlexiJack, S/PDIF, SPDIF, line-in, optical out, mic-in, digital I/O, Digital-In

Summary:

- ✓ **Applicable To:** All series of Sound Blaster X-Fi, Sound Blaster X-Fi Titanium, Sound Blaster Recon3D PCIe, Sound Blaster Z

Close all background applications, especially, Sound Recorder or other multimedia applications.

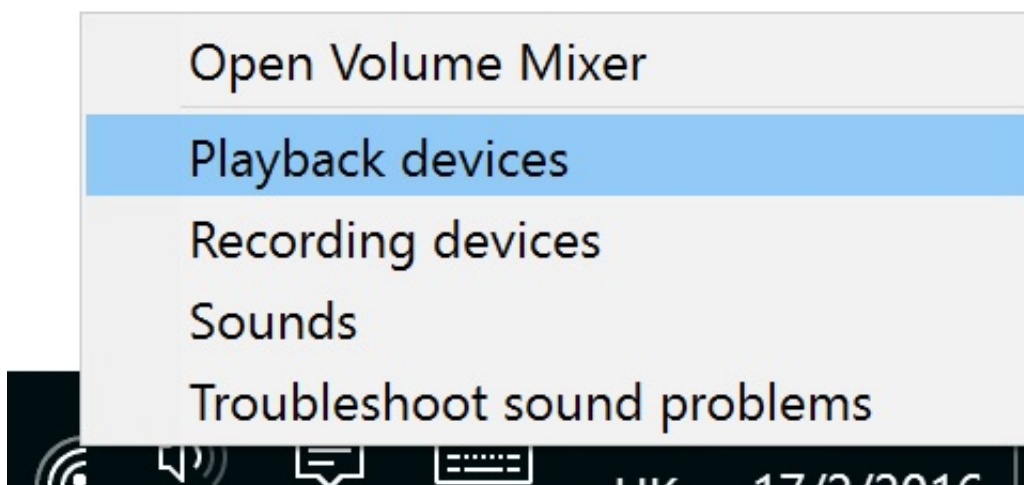
1. Depending on your operating system, follow the steps below:

Windows 8 and Windows 7:

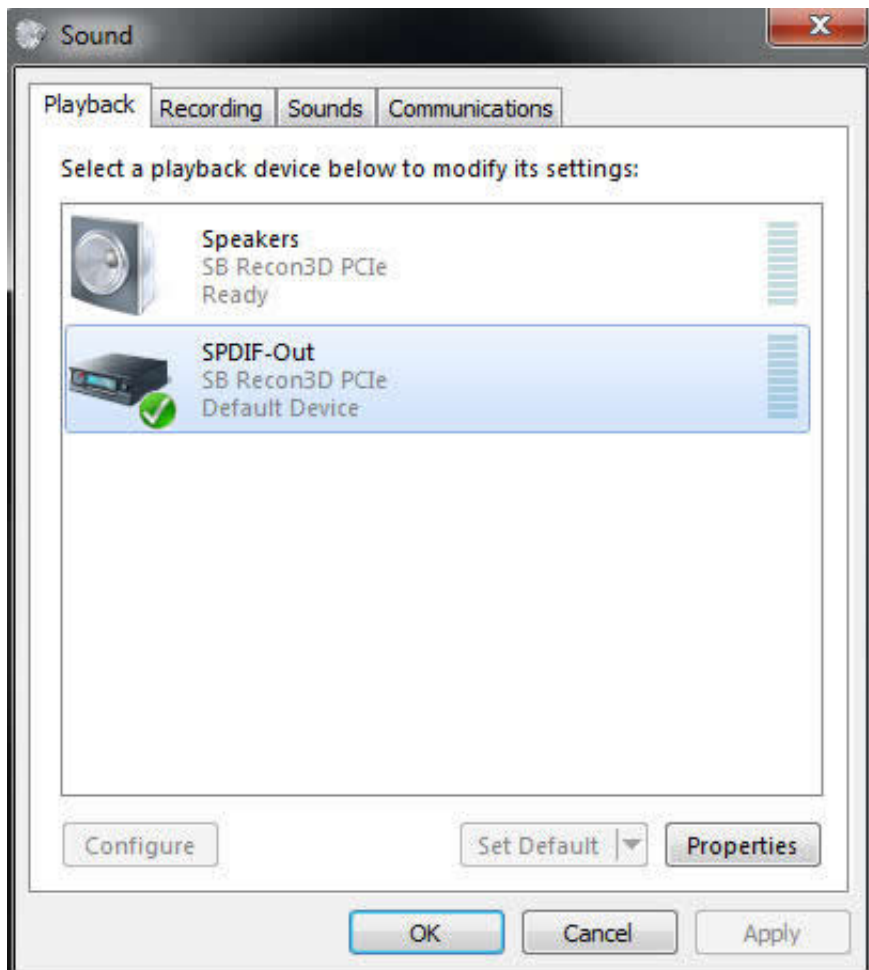
From the Desktop, select **Start -> Control Panel -> Sound**.

Windows 10:

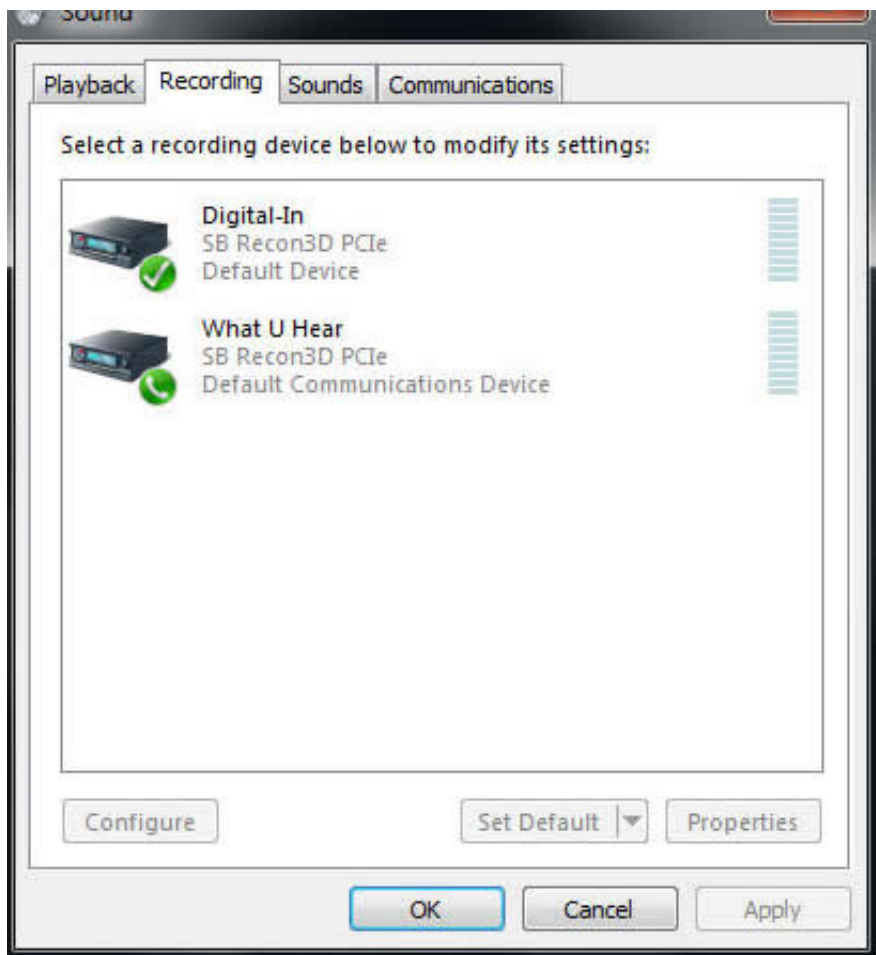
Right-click the system volume icon on the system tray. Select **Playback Devices**.



2. Click on the **Playback** tab. Select **SPDIF Out** and set it as the default.



3. Click on the Recording tab. Depending on the models, some Sound Blaster do not have the option for enabling Digital I/O. Click on Digital-In instead and set it as default.

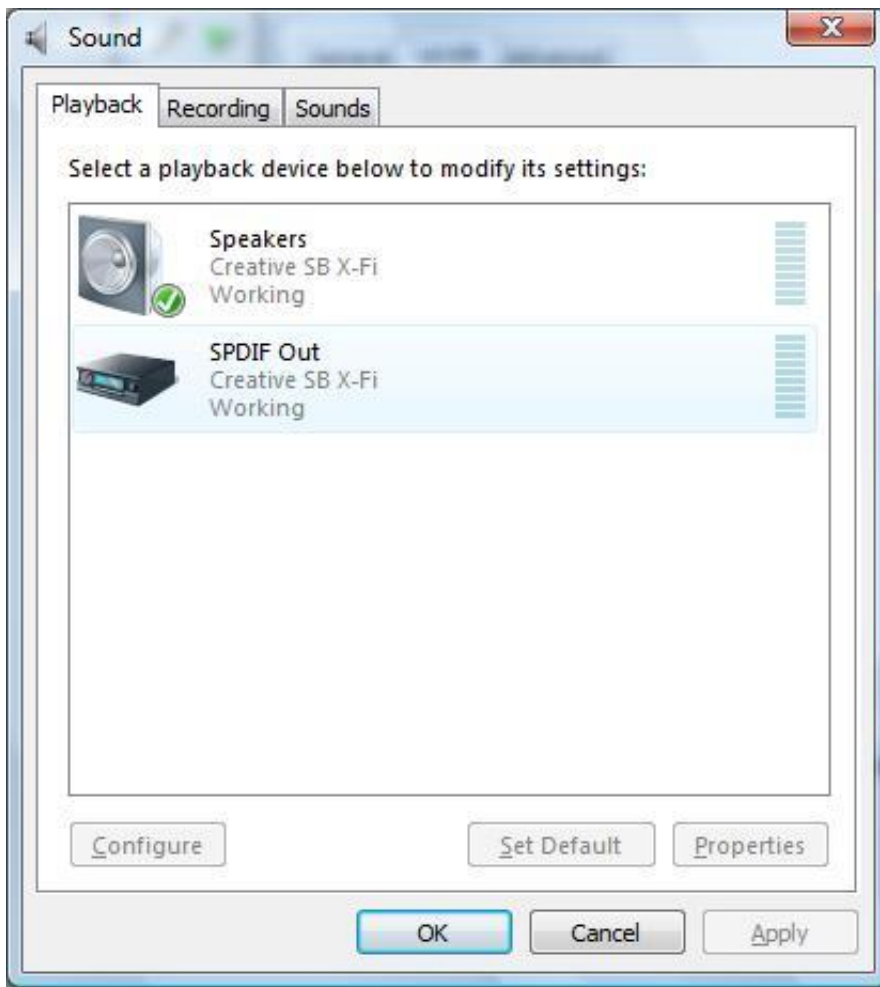


Windows Vista:

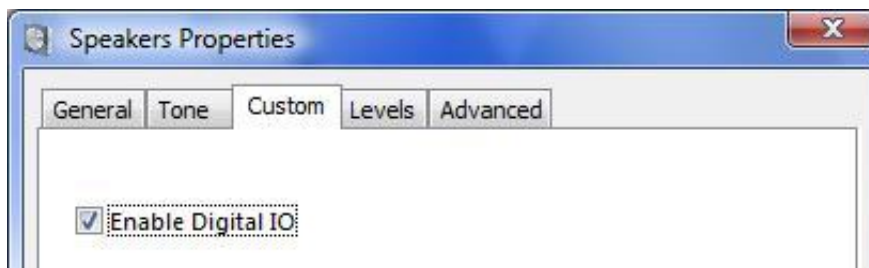
1. Close all background applications, especially, Sound Recorder or other multimedia applications.
2. Select **Control Panel**, and then **Hardware and Sound**.
3. Click on the **Playback** tab.

If you have a **Sound Blaster X-Fi Xtreme Audio**, select **SPDIF Out**, and then click Set Default to enable **SPDIF Out**.

If you have a Sound Blaster X-Fi card (except X-Fi Xtreme Audio), select the speaker (or audio card), for example, Creative SB X-FI.



Click **Properties**, select **Custom**, and then select **Enable Digital I/O** if you have connected a digital device to the FlexiJack. (Note: This is applicable to certain models of Sound Blaster X-Fi sound cards with FlexiJack connection)



If you have connected a microphone or line in device to the FlexiJack, uncheck the box next to Enable Digital I/O.

Windows XP:

To change the FlexiJack setting in Game Mode and in Audio Creation Mode:

1. Click the **Settings** button.

2. In the Digital I/O section under **FlexiJack Mode**, you can select between using the jack as a **Mic In/Line In** or as a **Digital I/O**.



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To change the FlexiJack setting in Entertainment Mode:

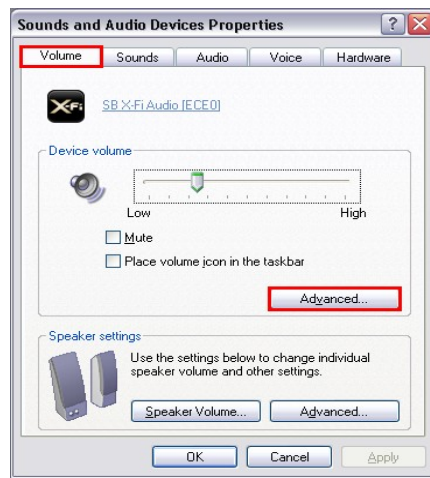
1. Click the **Digital I/O** button.
2. Under **FlexiJack Mode**, click the setting that you want - **Mic In/ Line In** or **Digital I/O**.



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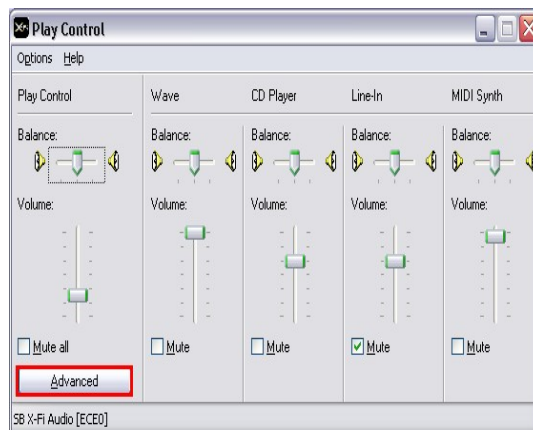
You can also use Windows Volume Control to configure the FlexiJack.

1. Click **Start, Settings, Control Panel** and **Sounds and Audio Devices**.
2. Select the **Volume** tab and click the **Advanced...** button.



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3. In the **Play Control** window, locate the **Advanced** button in the bottom right corner. If the button is not visible, click **Options** and **Advanced Controls**. Then click the **Advanced** button.



[Click to enlarge](#)

4. Select **1 Enable Digital IO**.
 - Checking **1 Enable Digital IO** sets the FlexiJack for Digital I/O.
 - Un-checking **1 Enable Digital IO** sets the FlexiJack for Line In/Mic In.



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Note: There is a difference between X-Fi Xtreme Gamer Cards for the following models:

- For **SB046X and SB055X series:** Supports Microphone-in, Line-in, Digital In and Digital Out connections to which the SPDIF setup applies.

- For **SB073X series:** Supports Microphone-in, Line-in and Optical out connections. On a SB073X series card, this jack does not have the Digital-in function to support the Digital I/O Module. It does however connects to external digital audio devices that accept stereo PCM or compressed Dolby Digital/DTS Bitstream from the Optical output. This will require using a "**Toslink to Mini Toslink**" cable for connection only.

Last updated: February 17, 2016