Creative SB1570

Creative Sound Blaster Audigy FX PCIe 5.1 Sound Card User Manual

Model: SB1570

INTRODUCTION

The Creative Sound Blaster Audigy FX is a half-height PCIe sound card designed to enhance your PC's audio capabilities. It features SBX Pro Studio Technology, providing cinematic 5.1 surround sound for movies, music, and games. This card includes a 24-bit 192kHz Digital-to-Analog Converter (DAC) for playback, 106dB Signal-to-Noise Ratio (SNR), and a high-end 600 ohm headphone amplifier for studio-grade monitoring. The Sound Blaster Audigy Fx Control Panel software allows for full audio customization.

PACKAGE CONTENTS

- Sound Blaster Audigy Fx Sound Card
- Full Height I/O Bracket (pre-installed)
- Half Height I/O Bracket
- Quick Start Leaflet
- Installation Software CD

SYSTEM REQUIREMENTS

- Intel Core 2 Duo or AMD equivalent processor, 2.2GHz or faster recommended
- Intel, AMD or 100% compatible motherboard
- Microsoft Windows 10 (32/64-bit), Windows 8 (32/64-bit), Windows 7 (32/64-bit), Windows Vista (32/64-bit)
- 1 GB RAM
- > 600 MB of free hard disk space
- Available PCI Express 1x slot
- Available CD-ROM or DVD-ROM drive (for installation CD)

SETUP

1. Hardware Installation

1. **Power Off and Disconnect:** Ensure your computer is completely powered off and unplugged from the mains.
2. **Open Computer Case:** Carefully open your computer's side panel to access the motherboard.
3. **Locate PCIe Slot:** Identify an available PCI Express 1x slot on your motherboard.
4. **Remove Slot Cover:** Remove the metal slot cover from the back of your computer case corresponding to the chosen PCIe slot.
5. **Install Sound Card:** Gently insert the Sound Blaster Audigy FX card into the PCIe slot, ensuring it is firmly seated. Secure the card with a screw if your case requires it.
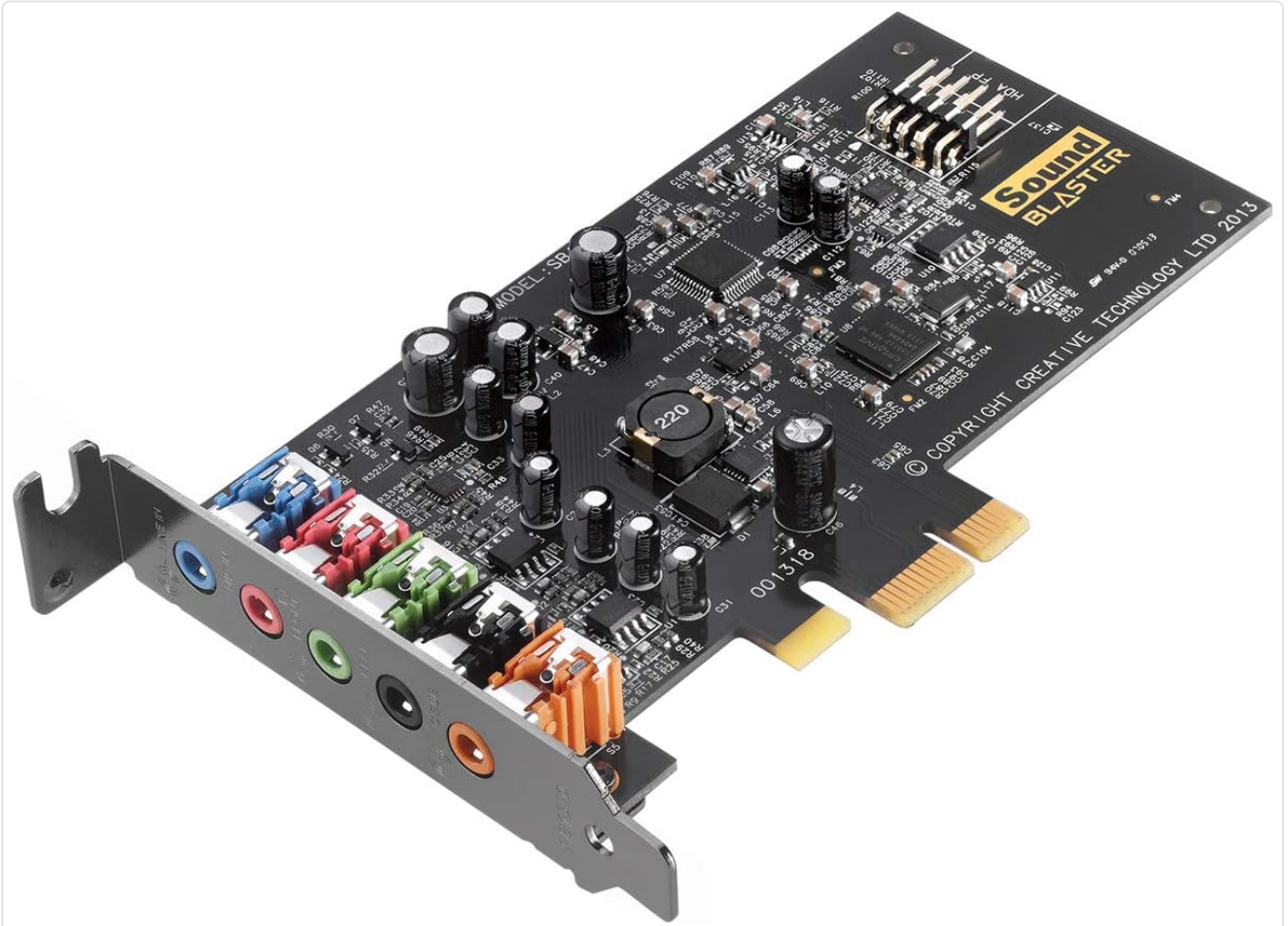

Image: The Creative Sound Blaster Audigy FX sound card, showing its PCIe connector and audio ports, ready for installation into a computer's expansion slot.

6. **Close Computer Case:** Replace the computer's side panel and reconnect all cables.

2. Software Installation

1. **Boot Computer:** Power on your computer. Windows should detect the new hardware.
2. **Install Drivers:**

   - Insert the provided Installation CD into your CD-ROM/DVD-ROM drive. Follow the on-screen instructions to install the drivers and Creative Software Suite.
   - Alternatively, for the latest drivers and software, visit the official Creative support website: creative.com/support/SBFx. Download and run the installer for your operating system.
3. **Restart Computer:** After installation, restart your computer to ensure all changes take effect.

OPERATING THE SOUND CARD

Audio Connections

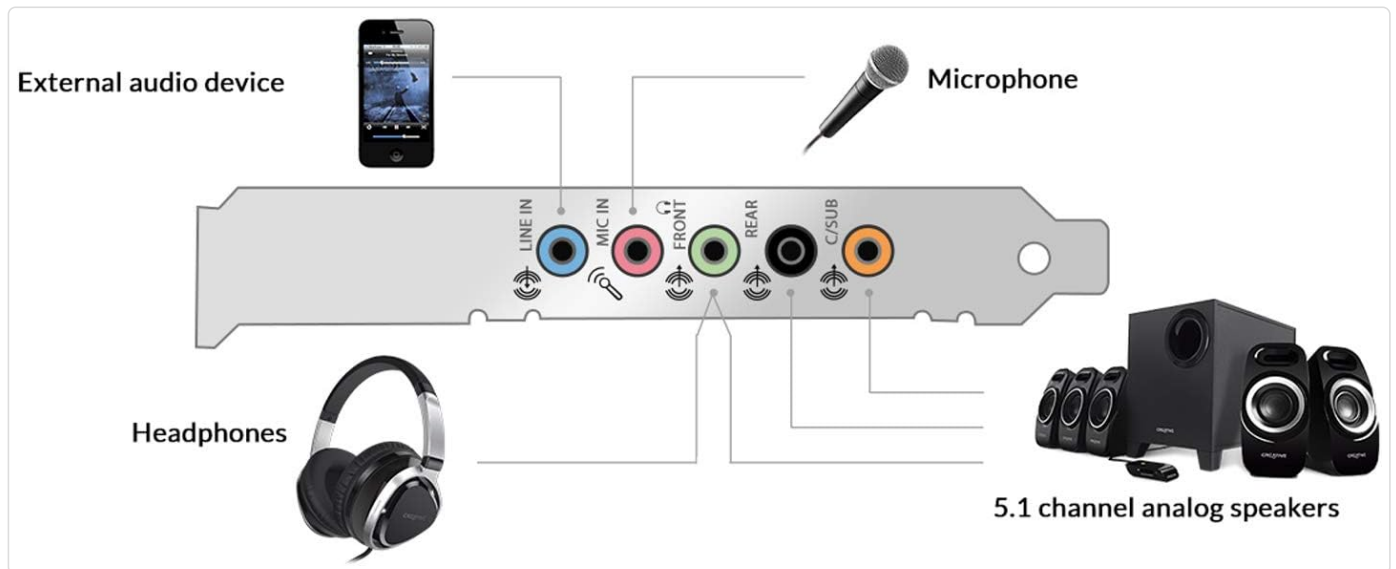The Sound Blaster Audigy FX features multiple audio jacks for connecting various devices:

Image: A detailed diagram illustrating the audio input and output ports on the Sound Blaster Audigy FX sound card, including connections for Line In, Microphone In, Front Speakers, Rear Speakers, and Center/Subwoofer, along with examples of compatible devices.

- **Line In (Blue):** Connect external audio devices such as MP3 players or CD players.
- **Mic In (Pink):** Connect a microphone for recording or voice communication.
- **Front Out (Green):** Connect your front left and right speakers or headphones.
- **Rear Out (Black):** Connect your rear left and right speakers for surround sound.
- **C/Sub Out (Orange):** Connect your center speaker and subwoofer for 5.1 surround sound.

Sound Blaster Audigy Fx Control Panel

The Control Panel software provides comprehensive control over your audio settings. After installation, locate the application (e.g., via the Start Menu or by creating a desktop shortcut).

- **Speaker/Headphone Configuration:** Adjust output settings for stereo, 5.1 surround sound, or headphones. Ensure this matches your physical speaker setup.
- **SBX Pro Studio:** This suite of technologies enhances audio playback.
    - **Surround:** Provides immersive audio for a cinematic experience.
    - **Crystalizer:** Restores dynamics lost during compression, making music sound clearer and more vibrant.
    - **Bass:** Enhances low-frequency effects for impactful bass.
    - **Smart Volume:** Automatically adjusts volume to maintain a consistent level across different content.
    - **Dialog Plus:** Enhances voices in movies and games for clearer dialogue.
- **Equalizer:** Customize audio frequencies to suit your preferences or specific audio content.
- **Mixer:** Control volume levels for various inputs and outputs.

MAINTENANCE

The Sound Blaster Audigy FX sound card requires minimal maintenance. Keep your computer's interior clean to prevent dust buildup on the card, which can affect performance and longevity. Regularly update drivers from the official Creative website to ensure optimal performance and compatibility with the latest operating system updates and applications.

TROUBLESHOOTING

Problem	Possible Solution
No sound output.	- Check if the sound card is properly seated in the PCIe slot. - Ensure speakers/headphones are correctly connected to the appropriate jacks. - Verify that the Sound Blaster Audigy FX is selected as the default playback device in Windows Sound settings. - Check volume levels in Windows and the Sound Blaster Audigy Fx Control Panel. - Reinstall or update the sound card drivers.
Distorted or poor sound quality.	- Ensure correct speaker configuration in the Control Panel (e.g., 5.1 for 5.1 speakers). - Adjust SBX Pro Studio settings; some settings might not be suitable for all audio content. - Check for interference from other internal components. - Test with different audio files or applications.
Microphone not working.	- Ensure the microphone is connected to the pink "Mic In" jack. - Check microphone levels in Windows Sound settings and the Sound Blaster Audigy Fx Control Panel. - Verify microphone privacy settings in Windows.
Software not installing or launching.	- Ensure your operating system meets the minimum requirements. - Run the installer as an administrator. - Temporarily disable antivirus software during installation. - Download the latest software package from the Creative support website.

SPECIFICATIONS

Feature	Detail
Model Number	SB1570
Interface	PCIe x1
Audio Channels	5.1 Surround Sound
Signal-to-Noise Ratio (SNR)	106 dB
Playback Resolution	Up to 24-bit / 192 kHz
Recording Resolution	Up to 24-bit / 96 kHz
Headphone Amplifier	600 ohm
Connectivity	Line In, Mic In, Front Out, Rear Out, C/Sub Out (3.5mm jacks)
Dimensions (LxWxH)	5.43 x 4.76 x 0.71 inches

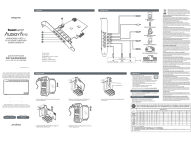| Feature	Detail
Weight	6.4 ounces

WARRANTY AND SUPPORT
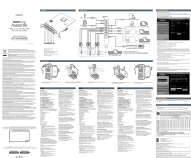
For warranty information, technical support, and additional resources, please visit the official Creative support website:

[Creative Support Website]

You can also refer to the User Guide PDF available for download: User Guide (PDF).

Related Documents - SB1570

Creative Sound Blaster Audigy Rx: General Audio Troubleshooting Guide
A comprehensive troubleshooting guide for the Creative Sound Blaster Audigy Rx sound card, covering setup, playback, connections, and common audio issues.

Creative Sound Blaster Audigy Rx PCI-e Sound Card Quick Start Guide
Learn how to install and use your Creative Sound Blaster Audigy Rx 7.1 PCI-e Sound Card, featuring high-performance audio, dual mic inputs, and advanced surround sound capabilities.

Creative Sound Blaster Audigy Fx Quick Start Guide
This guide provides instructions for installing and using the Creative Sound Blaster Audigy Fx audio card, including hardware and software installation, and connecting various audio devices.

Creative Sound Blaster Audigy User Manual
User manual for the Creative Sound Blaster Audigy audio card, detailing installation, software features, EAX ADVANCED HD, and troubleshooting for SB1394 and non-SB1394 models.

Creative Sound Blaster Audigy Fx V2 PCI-e Sound Card - Quick Start Guide
Get started with your Creative Sound Blaster Audigy Fx V2 Hi-Res 5.1 PCI-e sound card. This guide covers installation, connectivity, Creative App features, and environmental compliance for model SB1870.

Creative Sound Blaster Live! Getting Started and Installation Guide
Comprehensive guide for Creative Sound Blaster Live! audio card. Covers hardware installation, software setup for Windows and MS-DOS, application usage, and troubleshooting for an enhanced PC audio experience.