

[Manuals.plus](#) /

› [Creative](#) /

› Creative Labs SB0790 PCI Sound Blaster X-Fi Xtreme Audio Sound Card User Manual

Creative SB0790

Creative Labs SB0790 PCI Sound Blaster X-Fi Xtreme Audio Sound Card User Manual

Model: SB0790

INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of your Creative Labs SB0790 PCI Sound Blaster X-Fi Xtreme Audio Sound Card. This internal sound card is designed to enhance your computer's audio experience, offering advanced sound processing for music, movies, and games.

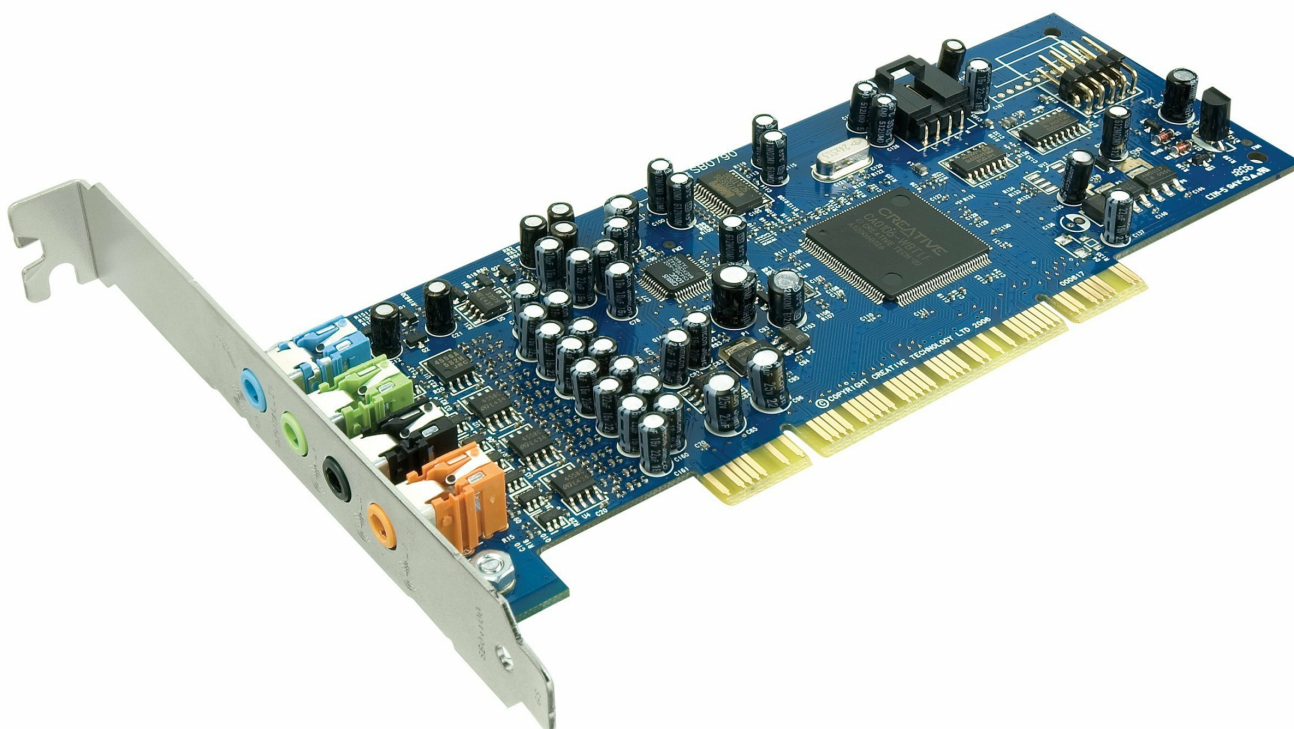


Figure 1: Creative Labs SB0790 Product Packaging

The image displays the retail packaging for the Creative Labs Sound Blaster X-Fi Xtreme Audio sound card. The box features the product name, X-Fi logo, and highlights key features such as "Experience your MP3 music beyond studio quality" and "Restore the details and vibrance that your music lost during MP3 compression."

1. System Requirements

Before installation, ensure your computer meets the following minimum requirements:

- **Compatible Devices:** Personal Computer
- **Operating System:** Windows 7, Windows Vista (32-bit or 64-bit)
- **Available Slot:** One (1) PCI expansion slot

2. Hardware Installation

1. **Power Off:** Shut down your computer and disconnect the power cable from the wall outlet.
2. **Open Case:** Open your computer case to access the motherboard.
3. **Locate PCI Slot:** Identify an available PCI expansion slot on your motherboard.
4. **Insert Sound Card:** Carefully align the Creative Labs SB0790 sound card with the PCI slot and press firmly until it is securely seated.
5. **Secure Card:** Use a screw to secure the sound card's bracket to the computer case.
6. **Close Case:** Close your computer case and reconnect the power cable.

The advertisement features a large, stylized blue 'Sound' text on the left. The central image shows a woman wearing headphones, with a band performing in the background. Above the woman, the Creative logo is displayed. To the right of the logo, three X-Fi logos are shown with descriptive text: 'X-Fi FIDELITY', 'X-Fi 24-bit CRYSTALIZER', and 'X-Fi CMSS-3D'. Below the woman, the text 'BLASTER X-Fi Xtreme Audio' is prominently displayed. At the bottom, a headline reads 'Experience your MP3 music beyond studio quality', followed by three bullet points: 'Restore the details and vibrance that your music lost during MP3 compression', 'Enjoy all your music and movies in surround sound on virtually any speaker system or headphones', and 'Transform your desktop or Media Center PC into an Xtreme Fidelity sound system'.

Sound

CREATIVE®

X-Fi FIDELITY
An experience beyond studio quality

X-Fi 24-bit CRYSTALIZER
Restore the details and vibrance that your music lost during MP3 compression

X-Fi CMSS-3D
Enjoy all your music and movies in surround sound on virtually any speaker system or headphones

BLASTER X-Fi™
Xtreme Audio

Experience your MP3 music beyond studio quality

- Restore the details and vibrance that your music lost during MP3 compression
- Enjoy all your music and movies in surround sound on virtually any speaker system or headphones
- Transform your desktop or Media Center PC into an Xtreme Fidelity sound system

Figure 2: Creative Labs SB0790 PCI Sound Card

This image shows the Creative Labs SB0790 PCI Sound Blaster X-Fi Xtreme Audio sound card. It features a blue circuit board with various electronic components, including capacitors and chips. The card has a metal bracket with multiple audio jacks (green, black, orange, pink, blue) for connecting speakers, headphones, and microphones.



Figure 3: Angled View of Creative Labs SB0790 PCI Sound Card

This image provides an angled view of the Creative Labs SB0790 PCI Sound Blaster X-Fi Xtreme Audio sound card, highlighting the PCI connector pins at the bottom and the various audio ports on the metal bracket. The X-Fi logo is visible on one of the main chips.

3. Driver Installation

After hardware installation, turn on your computer. The operating system may automatically detect the new hardware and attempt to install generic drivers. For optimal performance, it is recommended to install the official Creative Labs drivers.

- **Download Drivers:** Visit the official Creative Labs support website and download the latest drivers for the SB0790 model.
- **Install Drivers:** Run the downloaded installer and follow the on-screen instructions. Restart your computer if prompted.
- **Verify Installation:** After restarting, check your operating system's Device Manager to ensure the sound card is recognized and functioning correctly.

OPERATING INSTRUCTIONS

1. Connecting Audio Devices

The SB0790 sound card features multiple ports for connecting various audio devices:

- **Speaker Output:** Connect your stereo or surround sound speakers to the appropriate color-coded jacks (e.g., green for front speakers).
- **Headphone Output:** Plug your headphones into the dedicated headphone jack.
- **Microphone Input:** Connect a microphone for recording or voice communication.
- **Line-In:** Use the line-in port to connect external audio sources.

2. Audio Output Modes and Features

The Sound Blaster X-Fi Xtreme Audio offers several audio enhancements:

- **X-Fi Technology:** This technology revitalizes compressed audio by restoring details and vibrancy, enhancing both highs and lows for a richer sound experience.
- **Surround Sound:** Expand stereo music and movies into a surround sound experience, compatible with both desktop speakers and 5.1 speaker systems.
- **Headphone Surround:** Experience immersive surround sound through headphones, simulating a multi-speaker environment.
- **Audio Output Modes:** Supports Dolby Digital, Stereo, and Surround Sound configurations up to 7.1 channels.

Utilize the Creative Audio Control Panel software (installed with drivers) to configure these settings, adjust equalizer presets, and manage input/output levels.

MAINTENANCE

The Creative Labs SB0790 sound card requires minimal maintenance. To ensure optimal performance and longevity:

- **Keep Clean:** Periodically clean the interior of your computer case to prevent dust buildup on the sound card, which can affect cooling and performance. Use compressed air for this purpose.
- **Driver Updates:** Regularly check the Creative Labs support website for updated drivers. Keeping drivers current can improve compatibility, performance, and resolve potential issues.
- **Secure Connections:** Ensure all audio cables connected to the sound card are securely plugged in to prevent signal loss or interference.

TROUBLESHOOTING

If you encounter issues with your Creative Labs SB0790 sound card, refer to the following common troubleshooting steps:

- **No Sound Output:**
 - Verify that speakers or headphones are correctly connected to the sound card's output jacks.
 - Check volume levels in your operating system and any Creative Labs audio software.
 - Ensure the sound card is selected as the default playback device in your operating system's sound settings.
 - Reinstall the latest drivers from the Creative Labs website.
- **Microphone Not Working:**
 - Confirm the microphone is plugged into the correct input jack.
 - Check microphone input levels and ensure it is not muted in your operating system's sound settings.
 - Some users have reported microphone issues on Windows 7 64-bit editions with Creative drivers; using built-in WDM drivers or ensuring internal front panel audio connectors are attached may resolve this.
- **Distorted or Poor Sound Quality:**
 - Ensure all audio cables are fully inserted and not damaged.
 - Update sound card drivers.
 - Disable any audio enhancements in the Creative Labs software or operating system settings to isolate the issue.
- **"Device Not Supported" Error:**
 - This error, particularly with the Console Launcher, may indicate driver incompatibility or an issue with the Creative software suite. Ensure you have the correct drivers for the SB0790 model.
- **Card Not Detected:**
 - Power off your computer and reseal the sound card in its PCI slot.
 - Try installing the card in a different PCI slot if available.
 - Ensure your motherboard's BIOS settings are configured to allow PCI devices.

For further assistance, refer to the Creative Labs support website or contact their customer service.

SPECIFICATIONS

Feature	Detail
Device Type	Sound card

Feature	Detail
Interface Type	PCI
Sound Output Mode	Multi channel (Dolby Digital, Stereo, Surround Sound)
Surround Sound Channel Configuration	7.1
Maximum Sample Rate	96 KHz
Signal-to-Noise Ratio (SNR)	120 dB
Compatible Devices	Personal Computer
Platform	Windows 7, Windows Vista
Hardware Platform	Headphones, PC, Speakers
Model Number	70SB079000000
Item Weight	14.4 ounces

WARRANTY AND SUPPORT

For detailed warranty information, please refer to the documentation included with your product or visit the official Creative Labs website. Creative Labs provides customer support and resources for product registration, driver downloads, and technical assistance.

Official Website: www.creative.com

© 2023 Creative Labs. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B000IZC0GO>

More documents and user manuals: <https://manuals.plus/>