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› Creative Labs Sound Blaster Audigy 2 ZS 7.1 PCI Sound Card SB0350 User Manual

## Creative Labs Audigy 2 ZS SB0350

# Creative Labs Sound Blaster Audigy 2 ZS 7.1 PCI Sound Card SB0350 User Manual

Model: Audigy 2 ZS SB0350 | Brand: Creative Labs

## 1. INTRODUCTION

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This manual provides comprehensive instructions for the installation, operation, and maintenance of your Creative Labs Sound Blaster Audigy 2 ZS 7.1 PCI Sound Card, model SB0350. This high-performance sound card is designed to deliver advanced audio experiences for personal computers, featuring 24-bit advanced HD audio and 7.1 channel surround sound capabilities.



**Figure 1:** Creative Labs Sound Blaster Audigy 2 ZS PCI Sound Card (Model SB0350). This image displays the sound card with its various ports and PCI connector.

## 2. KEY FEATURES

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- **24-bit Advanced HD Audio:** Delivers high-fidelity audio with 108 dB SNR clarity across 8 channels.
- **7.1 Surround Sound:** Supports multi-channel playback in 7.1, 6.1, and 5.1 configurations.
- **DVD-Audio Playback:** Advanced Resolution 24-bit DVD-Audio playback in 24-bit/192 kHz stereo and 24-bit/96 kHz 5.1 surround.
- **THX Certified:** Ensures high audio quality standards.
- **DTS Extended Surround & Dolby Digital EX Support:** Enhances cinematic audio experiences.
- **PCI 2.2 Compliant Interface:** Standard interface for compatibility with most desktop computers.
- **Versatile Connectivity:** Includes line-level outputs (front/side/rear/center/subwoofer), digital output for 5.1, line-in, microphone, telephone answering device-in, and analog/digital CD audio-in.

## 3. SETUP AND INSTALLATION

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## 3.1 System Requirements

- Available PCI 2.2 compliant slot.
- Compatible operating system (e.g., Windows).
- Speakers or headphones for audio output.

## 3.2 Hardware Installation

1. **Power Off:** Ensure your computer is completely powered off and unplugged from the wall outlet.
2. **Open Case:** Carefully open your computer's case to access the motherboard.
3. **Locate PCI Slot:** Identify an available PCI 2.2 compliant slot on your motherboard.
4. **Insert Card:** Gently align the Sound Blaster Audigy 2 ZS card with the PCI slot and press down firmly until it is securely seated.
5. **Secure Card:** Use a screw to secure the card's bracket to the computer case.
6. **Close Case:** Close your computer's case and reconnect all cables.

## 3.3 Driver Installation

1. **Power On:** Power on your computer. The operating system may detect new hardware.
2. **Install Drivers:** Insert the driver CD (if provided) or download the latest drivers from the Creative Labs official website. Follow the on-screen instructions to complete the driver installation.
3. **Restart:** Restart your computer after driver installation is complete.

## 3.4 Connecting Audio Devices

After driver installation, connect your speakers, headphones, or other audio devices to the appropriate ports on the sound card. Refer to the color-coded jacks for correct connections:

- **Line Out (Front/Side/Rear/Center/Subwoofer):** For connecting multi-channel speaker systems.
- **Digital Out:** For connecting to digital audio receivers for 5.1 surround sound.
- **Line In:** For connecting external audio sources.
- **Microphone:** For connecting a microphone.

# 4. OPERATING INSTRUCTIONS

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## 4.1 Audio Playback

Once the drivers are installed and audio devices are connected, your computer will use the Sound Blaster Audigy 2 ZS as its primary audio output. You can play music, videos, and games with enhanced audio quality.

- **Volume Control:** Adjust volume through your operating system's sound settings or the Creative Labs audio control panel software.
- **Speaker Configuration:** Use the Creative Labs software to configure your speaker setup (stereo, 5.1, 7.1) to match your connected devices.

## 4.2 Audio Recording

The sound card supports audio input through its Line-in and Microphone ports.

1. **Connect Input Device:** Plug your microphone or other audio source into the appropriate input jack.
2. **Select Input:** In your operating system's sound settings or the Creative Labs software, select the desired input device (e.g., Microphone, Line-in) as the recording source.
3. **Record:** Use your preferred audio recording software to capture audio.

## 5. MAINTENANCE

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To ensure optimal performance and longevity of your Sound Blaster Audigy 2 ZS sound card, follow these maintenance guidelines:

- **Keep Clean:** Periodically clean the interior of your computer case to prevent dust buildup on the sound card, which can affect performance and lead to overheating. Use compressed air for this purpose.
- **Secure Connections:** Ensure all audio cables are securely connected to the sound card and your audio devices. Loose connections can cause audio issues.
- **Driver Updates:** Regularly check the Creative Labs website for updated drivers to ensure compatibility and access to the latest features and bug fixes.

## 6. TROUBLESHOOTING

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Problem	Possible Cause	Solution
No sound output.	<ul style="list-style-type: none"><li>◦ Incorrect speaker connection.</li><li>◦ Drivers not installed or corrupted.</li><li>◦ Volume muted or too low.</li><li>◦ Sound card not properly seated.</li></ul>	<ul style="list-style-type: none"><li>◦ Verify speaker cables are connected to the correct output jacks.</li><li>◦ Reinstall or update sound card drivers.</li><li>◦ Check system volume and ensure it is not muted.</li><li>◦ Power off, unplug, open case, and re-seat the sound card.</li></ul>
Distorted or poor sound quality.	<ul style="list-style-type: none"><li>◦ Incorrect audio settings.</li><li>◦ Outdated drivers.</li><li>◦ Interference.</li></ul>	<ul style="list-style-type: none"><li>◦ Adjust equalizer settings in Creative Labs software.</li><li>◦ Update sound card drivers.</li><li>◦ Ensure audio cables are not near power cables or other sources of interference.</li></ul>
Microphone not working.	<ul style="list-style-type: none"><li>◦ Microphone not connected to the correct port.</li><li>◦ Microphone input not selected as recording device.</li><li>◦ Microphone volume too low or muted.</li></ul>	<ul style="list-style-type: none"><li>◦ Connect microphone to the dedicated microphone input jack.</li><li>◦ In sound settings, select the microphone as the default recording device.</li><li>◦ Increase microphone volume in sound settings.</li></ul>

## 7. SPECIFICATIONS

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Feature	Detail
Manufacturer	Creative Labs
Model	Audigy 2 ZS, SB0350
Part Numbers	SB0350, 5187-5655, P8695-69001
Interface	PCI

Feature	Detail
Audio Output Mode	Dolby Digital, Stereo, Surround Sound (7.1, 6.1, 5.1)
Audio Resolution	24-bit Advanced HD Audio, 24-bit/192 kHz (stereo), 24-bit/96 kHz (5.1 surround)
Signal-to-Noise Ratio (SNR)	108 dB
Compatible Devices	Personal Computer, Laptop, Speaker, Headphone, Microphone
Platform	Windows
Item Weight	8 ounces
Package Dimensions	12.3 x 8.2 x 3.9 inches

## 8. SUPPORT AND WARRANTY

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For technical support, driver downloads, and warranty information, please visit the official Creative Labs website.

Keep your purchase receipt as proof of purchase for warranty claims.

**Creative Labs Official Website:** [us.creative.com](https://us.creative.com)