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Creative SB0460

Creative SB0460 Sound Card User Manual

Model: SB0460

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Creative SB0460 sound card. The Creative SB0460 is designed to enhance your audio experience with advanced features, including Dolby Digital and 5.1 surround sound capabilities. Please read this manual thoroughly before using the product to ensure proper setup and optimal performance.

2. SAFETY INFORMATION

Observe the following safety precautions to prevent damage to the device or injury to yourself:

- Do not expose the sound card to moisture or extreme temperatures.
- Ensure your computer is powered off and unplugged before installing or removing the sound card.
- Handle the sound card by its edges to avoid touching components or connectors.
- Refer to a qualified technician for any repairs not covered in this manual.

3. PACKAGE CONTENTS

Verify that all items are present in your product package:

- Creative SB0460 Sound Card
- Driver Installation CD (may vary by region/package)
- Quick Start Guide

4. SETUP

4.1 Hardware Installation

1. Power off your computer and unplug the power cord.
2. Open your computer case.
3. Locate an available PCI expansion slot on your motherboard.
4. Carefully insert the Creative SB0460 sound card into the PCI slot, ensuring it is firmly seated.

5. Secure the sound card with the retaining screw or clip provided by your computer case.
6. Close your computer case and reconnect the power cord.



Image 1: The Creative SB0460 sound card, showing its various ports and connectors for audio input and output.

4.2 Driver Installation

1. Power on your computer. The operating system may detect new hardware.
2. Insert the Creative driver installation CD into your optical drive.
3. Follow the on-screen instructions to install the necessary drivers and software. If the auto-run does not start, navigate to the CD drive in 'My Computer' and run the setup executable.
4. Alternatively, download the latest drivers from the official Creative support website for your specific operating system.
5. Restart your computer after the installation is complete.

4.3 Connecting Audio Devices

Connect your speakers or headphones to the appropriate ports on the sound card. For 5.1 surround sound, connect each speaker (front, rear, center/subwoofer) to its designated output port.

5. OPERATING INSTRUCTIONS

5.1 Basic Audio Playback

- After driver installation, the Creative SB0460 should be set as your default audio playback device.
- Adjust volume levels using your operating system's sound mixer or the Creative audio control panel software.

5.2 Surround Sound Configuration (5.1)

To utilize the 5.1 surround sound capabilities:

1. Ensure your 5.1 speaker system is correctly connected to the sound card's output jacks.

2. Open the Creative audio control panel software (usually found in your system tray or Start menu).
3. Navigate to the speaker configuration settings.
4. Select '5.1 Surround' as your speaker setup.
5. Use the test function within the software to verify each speaker is working correctly.

5.3 Dolby Digital Settings

The Creative SB0460 supports Dolby Digital audio output. To enable this:

- Access the Creative audio control panel.
- Look for a 'Decoder' or 'Dolby Digital' section.
- Enable Dolby Digital processing for compatible content. This may require a digital audio connection to a compatible receiver.

6. MAINTENANCE

6.1 Cleaning

To maintain optimal performance, periodically clean the sound card:

- Ensure the computer is powered off and unplugged.
- Use a can of compressed air to gently remove dust from the sound card's components and ports.
- Do not use liquid cleaners directly on the card.

6.2 Software Updates

Regularly check the official Creative website for updated drivers and software. Keeping your drivers current ensures compatibility and access to the latest features and bug fixes.

7. TROUBLESHOOTING

7.1 No Sound Output

- **Check Connections:** Ensure speakers/headphones are securely plugged into the correct ports on the sound card.
- **Volume Levels:** Verify that volume is not muted or set too low in both the operating system and the Creative audio control panel.
- **Default Playback Device:** Confirm that the Creative SB0460 is selected as the default playback device in your operating system's sound settings.
- **Driver Installation:** Reinstall or update the sound card drivers.

7.2 Distorted or Poor Audio Quality

- **Driver Issues:** Ensure you have the latest drivers installed.
- **Interference:** Check for potential electromagnetic interference from other components inside your PC.
- **Sample Rate/Bit Depth:** Adjust audio quality settings in the Creative control panel or OS sound settings to a lower sample rate if issues persist.

8. SPECIFICATIONS

Feature	Description
Model Number	SB0460

Manufacturer	Creative
Audio Output Mode	Dolby Digital, Stereo, Surround Sound
Hardware Platform	PC (PCI Slot)
Surround Sound Channel Configuration	5.1
Date First Available	February 17, 2017

9. WARRANTY AND SUPPORT

9.1 Warranty Information

Creative products are covered by a limited warranty. Please refer to the warranty card included with your product or visit the official Creative website for detailed warranty terms and conditions specific to your region.

9.2 Technical Support

For technical assistance, driver downloads, or further product information, please visit the Creative support website:

[Creative Official Store and Support Page](#)