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› Creative Sound Blaster Live! 5.1 Sound Card (Model 70SB006003007) User Manual

Creative 70SB006003007

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Enhance your PC audio experience with 5.1 surround sound.

1. INTRODUCTION

The Creative Sound Blaster Live! 5.1 Sound Card is designed to deliver cinema-quality sound for movies, music, and games on your personal computer. Featuring an EMU10K1 Digital Signal Processor, this internal PCI sound card provides high-quality audio reproduction with real-time effects and 3-D positional audio. It supports 5.1 channel surround sound, allowing connection to Dolby Digital and multi-channel digital speaker systems or analog audio devices. This manual provides instructions for the installation, operation, and maintenance of your Sound Blaster Live! 5.1 Sound Card.



Figure 1: Creative Sound Blaster Live! 5.1 Sound Card (Model 70SB006003007)

2. SETUP AND INSTALLATION

2.1 Hardware Installation

1. **Power Off and Disconnect:** Before beginning, ensure your computer is completely powered off and disconnected from the power outlet.
2. **Open Computer Case:** Carefully open your computer's case to access the internal components.
3. **Locate PCI Slot:** Identify an available 32-bit PCI expansion slot on your motherboard.
4. **Insert Sound Card:** Gently align the Sound Blaster Live! 5.1 card with the PCI slot and press down firmly until it is securely seated. Ensure the metal bracket is aligned with the opening in the computer case.
5. **Secure Card:** Use a screw to secure the sound card's metal bracket to the computer case.
6. **Close Computer Case:** Close your computer case and reconnect all cables.

2.2 Driver Installation

After hardware installation, you will need to install the appropriate drivers for your operating system. The Sound Blaster Live! 5.1 Sound Card is compatible with Windows 95, 98, 98SE, NT, 2000, and ME.

1. **Power On Computer:** Turn on your computer. The operating system may detect new hardware and prompt for driver installation.
2. **Insert Driver CD:** Insert the Creative driver installation CD (if provided) into your CD-ROM drive. Follow the on-screen instructions to install the drivers and accompanying software.
3. **Download Drivers (if needed):** If you do not have the CD or require updated drivers, visit the official Creative website and search for drivers specific to the Sound Blaster Live! 5.1 (Model 70SB006003007) and your operating system.

4. **Restart Computer:** After driver installation is complete, restart your computer to apply the changes.

2.3 Connecting Audio Devices

The sound card features various ports for connecting speakers, microphones, and other audio equipment:

- **Line Out:** Connect your 5.1 surround sound speakers or stereo speakers here. For 5.1 systems, ensure proper connection to front, rear, and center/subwoofer outputs.
- **Line In:** For connecting external audio sources such as CD players, cassette decks, or other audio devices.
- **Microphone In:** For connecting a microphone.
- **Digital Out (Gold Port):** For connecting to Dolby Digital-ready 5.1 home theater systems like Cambridge SoundWorks DTT3500 or DTT2200.
- **D-Sub15 MIDI Port:** For connecting MIDI devices.

3. OPERATING INSTRUCTIONS

3.1 Audio Output Modes

The Sound Blaster Live! 5.1 supports 5.1 channel surround sound. You can configure your audio output settings through the Creative Audio Control Panel or your operating system's sound settings. Ensure your speaker configuration matches the physical setup (e.g., 5.1 speakers selected for 5.1 output).

3.2 Creative PlayCenter

Utilize the Creative PlayCenter software (if installed) to manage and enjoy your audio. This software allows you to:

- Create CD quality MP3 or WMA files with a 320Kbps encoder.
- Benefit from up to 9x encoding acceleration.
- Customize and listen to your MP3/WMA files.

3.3 Enhancing Your Audio Experience

- **3-D Positional Audio:** Experience immersive 3-D positional audio in supported games and applications, powered by the EMU10K1 Digital Signal Processor.
- **Dolby Digital 5.1:** Enjoy theater-like Dolby Digital 5.1 audio when watching movies, provided you have a compatible speaker system connected to the digital output.

4. MAINTENANCE

The Sound Blaster Live! 5.1 Sound Card is designed for reliable operation with minimal maintenance. To ensure optimal performance and longevity:

- **Keep Internal Components Clean:** Periodically clean the interior of your computer case to prevent dust buildup on the sound card and other components. Use compressed air for this purpose.
- **Avoid Static Discharge:** When handling the sound card or working inside your computer, always take precautions against static electricity. Use an anti-static wrist strap or touch a grounded metal object before touching internal components.
- **Driver Updates:** While this card is older, occasionally check the Creative website for any legacy driver updates that might improve compatibility or performance on supported operating systems.

5. TROUBLESHOOTING

If you encounter issues with your Sound Blaster Live! 5.1 Sound Card, consider the following troubleshooting steps:

• **No Sound Output:**

- Verify that speakers are correctly connected to the appropriate output jacks on the sound card.
- Check speaker power and volume levels.
- Ensure the sound card is securely seated in its PCI slot.
- Confirm that the correct audio output device is selected in your operating system's sound settings.
- Reinstall or update sound card drivers.

• **Driver Issues:**

- Ensure you have installed the correct drivers for your specific Sound Blaster Live! 5.1 model (70SB006003007) and operating system (Windows 95/98/98SE/NT/2000/ME).
- *Note:* Compatibility with newer operating systems like Windows XP, Vista, 7, 8, or 10 is not officially supported and may require community-developed drivers or specific workarounds. Creative's official support for drivers typically ended with Windows ME/2000.
- If experiencing system crashes after driver installation, try installing drivers in Safe Mode or using older driver versions.

• **Distorted or Poor Quality Sound:**

- Check all audio cable connections for looseness or damage.
- Ensure there is no interference from other internal components.
- Adjust audio settings in the Creative Audio Control Panel or operating system.
- Verify that the correct sample rate and bit depth are selected.

• **Microphone Not Working:**

- Ensure the microphone is plugged into the correct "Microphone In" jack.
- Check microphone volume levels and input selection in your operating system's sound settings.
- Test the microphone on another device if possible.

6. SPECIFICATIONS

Model Number	70SB006003007
Brand	Creative
Audio Output Mode	5.1 channel surround
Hardware Interface	PCI, Headphone
Compatible Devices	Speaker
Platform	Windows (95/98/98SE/NT/2000/ME)
Product Dimensions	6 x 0.5 x 4 inches
Item Weight	4.8 ounces

7. WARRANTY INFORMATION

Specific warranty terms and conditions for the Creative Sound Blaster Live! 5.1 Sound Card (Model 70SB006003007) are provided by the manufacturer at the time of purchase. Please refer to the documentation included with your product or visit the official Creative website for detailed warranty information.

8. CUSTOMER SUPPORT

For technical assistance, driver downloads, or further inquiries regarding your Creative Sound Blaster Live! 5.1 Sound Card, please visit the official Creative support website. You can often find FAQs, troubleshooting guides, and contact information for customer service there.

Creative Official Website: www.creative.com

Creative Store on Amazon: [Visit the Creative Store](#)

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