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> Cubilux 7.1 USB Surround Sound Card User Manual

Cubilux 86b205c9-1f89-4f3f-ba92-ef44459d7928

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Model: 86b205c9-1f89-4f3f-ba92-ef44459d7928

1. PRODUCT OVERVIEW

The Cubilux 7.1 USB Surround Sound Card is an external audio adapter designed to enhance the sound experience on your laptop or PC. It provides 7.1 and 5.1 channel surround sound capabilities, high-resolution audio playback, and versatile input/output options for headphones, microphones, and speakers. Its durable aluminum alloy casing ensures signal integrity and longevity.



Image: The Cubilux 7.1 USB Surround Sound Card, a compact black device with multiple audio ports and a USB-A cable.

2. PACKAGE CONTENTS

- Cubilux 7.1 USB Surround Sound Card
- USB-A to USB-C Cable (if applicable, inferred from product images showing USB-A connection and USB-C in A+ content)
- User Manual (this document)

3. CONNECTIONS AND PORTS

The Cubilux sound card features various ports for audio input and output. Refer to the diagram below for port identification and function.



- ① **Mic In:** Connect the TRS microphones
- ② **Line In:** Transfer audio to the sound card
- ③ **Headphones:** Connect the TRS/TRRS headphones
- ④ **Front:** Connect the front speakers
- ⑤ **Center:** Connect the subwoofer
- ⑥ **Surround:** Connect the rear speakers
- ⑦ **Side-Surround:** Connect the side-surround speakers

Image: A detailed view of the Cubilux sound card's ports, labeled 1 through 7, indicating their functions.

1. **Mic In:** Connect TRS microphones for audio input.
2. **Line In:** Transfer audio from an external source to the sound card.
3. **Headphones:** Connect TRS/TRRS headphones for stereo audio output.
4. **Front:** Connect the front left and right speakers for surround sound systems.

5. **Center/Subwoofer:** Connect the center speaker and subwoofer for surround sound systems.
6. **Surround:** Connect the rear left and right speakers for surround sound systems.
7. **Side-Surround:** Connect the side-surround speakers for 7.1 channel systems.

4. SETUP GUIDE

Follow these steps to set up your Cubilux 7.1 USB Surround Sound Card with your computer.

4.1 Hardware Connection

- Connect the USB cable from the sound card to an available USB-A port on your PC or laptop.
- Connect your speakers or headphones to the corresponding audio output ports on the sound card as described in Section 3. For 5.1 or 7.1 surround sound, ensure all relevant speakers are connected to their designated ports.
- Connect any microphone or line-in audio sources to their respective input ports.



Image: The Cubilux sound card connected to a laptop via USB, with multiple audio cables extending to a speaker system, illustrating a typical setup.

4.2 Software Configuration (Windows)

The Cubilux sound card is generally Plug & Play. However, for 5.1/7.1 channel audio, specific configuration in your operating system settings may be required.



Image: A visual guide detailing the steps to configure 5.1/7.1 channel audio in Windows settings.

1. Open the **Control Panel**.
2. Navigate to **Sound**.
3. Click on the **Playback** tab.
4. Select **Speakers (Cubilux CA7)** and click **Configure**.
5. Choose **5.1 Surround** or **7.1 Surround**, then click **Next**.
6. Tick any **Optional speakers** as needed, then click **Next**.
7. Tick **Full-range speakers** if applicable, then click **Next**.
8. Click **Finish** to complete the configuration.

4.3 Software Configuration (macOS)

For macOS users, you may need to configure the audio settings via the Audio MIDI Setup application:

- Connect the Cubilux sound card to your MacBook.
- Go to **System Settings** (or System Preferences) > **Sound** and select **Cubilux CA7** as the output device.
- Open **Audio MIDI Setup** (found in Applications > Utilities).
- Select the Cubilux CA7 device and configure the desired channel output (e.g., 6 channels for 5.1 surround).

5. OPERATING INSTRUCTIONS

5.1 Audio Playback

- Once connected and configured, ensure the Cubilux sound card is selected as your default playback device in your operating system's sound settings.
- Play audio from your preferred application (e.g., music player, video player, game).
- Adjust volume levels using your computer's volume controls or external speaker controls.

5.2 Microphone and Line-in Usage

- For microphone input, ensure the Cubilux sound card is selected as your default recording device in your operating system's sound settings.
- For line-in audio, connect your audio source to the Line In port. The sound card will process this input.

5.3 High-Resolution Audio

The headphone output supports sampling rates from 44.1KHz/16-bit to 384KHz/24-bit, and the 7.1 surround audio supports sampling rates up to 48KHz/16-bit. To experience high-resolution audio, ensure your audio files and playback software support these formats.

Support for 48KHz and 384KHz Sampling Rates

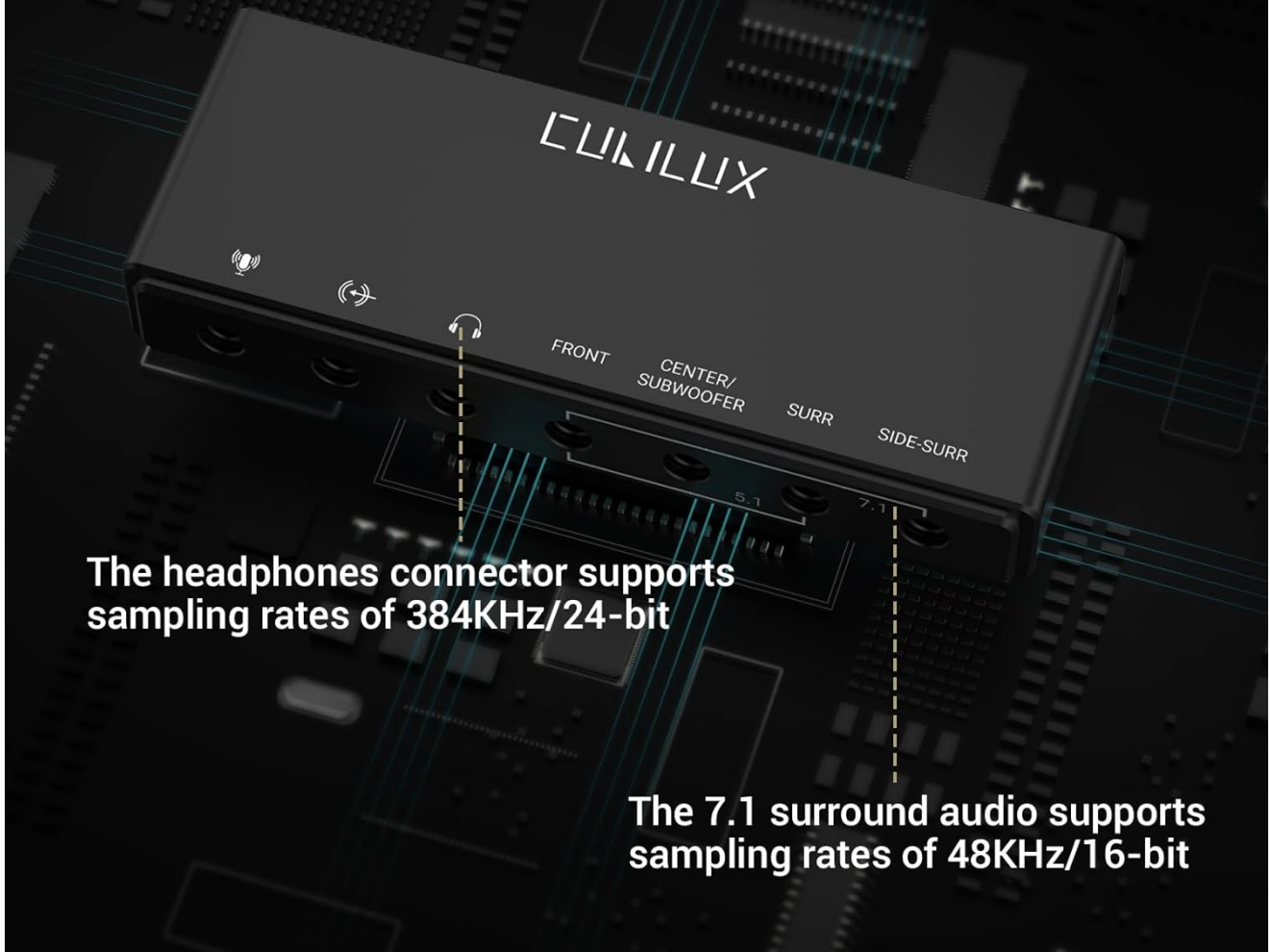


Image: A close-up of the Cubilux sound card highlighting its support for 48KHz and 384KHz sampling rates for different outputs.

6. MAINTENANCE

- Keep the device in a clean, dry environment.
- Avoid exposing the sound card to extreme temperatures or direct sunlight.
- Clean the exterior with a soft, dry cloth. Do not use liquid cleaners.
- Handle all cables and connectors with care to prevent damage.

7. TROUBLESHOOTING

- **No Sound Output:**
 - Ensure the sound card is securely connected to your computer's USB port.
 - Verify that the Cubilux sound card is selected as the default playback device in your operating system's sound settings.
 - Check all speaker/headphone connections to the sound card.

- Confirm that the volume levels on your computer and speakers are not muted or set too low.
- **No Surround Sound:**
 - Review the software configuration steps in Section 4.2 (Windows) or 4.3 (macOS) to ensure 5.1 or 7.1 surround sound is correctly enabled.
 - Ensure your media content (game, movie, music) is encoded with surround sound.
- **Microphone Not Working:**
 - Check the microphone connection to the 'Mic In' port.
 - Ensure the Cubilux sound card is selected as the default recording device in your operating system's sound settings.
 - Verify microphone privacy settings in your operating system.
- **Static or Noise:**
 - While the aluminum casing helps, ensure all connections are firm.
 - Try connecting the sound card to a different USB port.
 - Avoid placing the sound card near other electronic devices that may cause interference.
- **Compatibility Note:** This product does not support Windows XP or Windows 7.

8. SPECIFICATIONS

Feature	Detail
Product Dimensions	3.86 x 1.46 x 0.59 inches
Item Weight	3.52 ounces
Hardware Interface	USB
Audio Output Mode	Surround
Compatible Devices	Laptop, PC
Headphone Sampling Rate	44.1KHz/16-bit to 384KHz/24-bit
7.1 Surround Sampling Rate	Up to 48KHz/16-bit

9. WARRANTY AND SUPPORT

Cubilux products are designed for reliability and performance. For warranty information or technical assistance, please refer to the official Cubilux website or contact Cubilux customer support directly. Please have your product model number (86b205c9-1f89-4f3f-ba92-ef44459d7928) and purchase details available when seeking support.