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› Retoo USB External Sound Card E010 User Manual

Retoo E010

Retoo USB External Sound Card E010 User Manual

1. INTRODUCTION

This manual provides detailed instructions for the Retoo USB External Sound Card, Model E010. This device is designed to provide an external audio solution for computers, laptops, and tablets, offering enhanced sound capabilities and replacing damaged internal sound cards or audio ports. It supports virtual 7.1 surround sound and offers plug-and-play functionality without the need for additional drivers.

2. PRODUCT OVERVIEW

The Retoo USB External Sound Card is a compact and portable audio adapter. It features a USB 2.0 interface for connection to your device and includes 3.5mm mini-jack ports for headphones and microphones, along with integrated volume controls and mute functions.

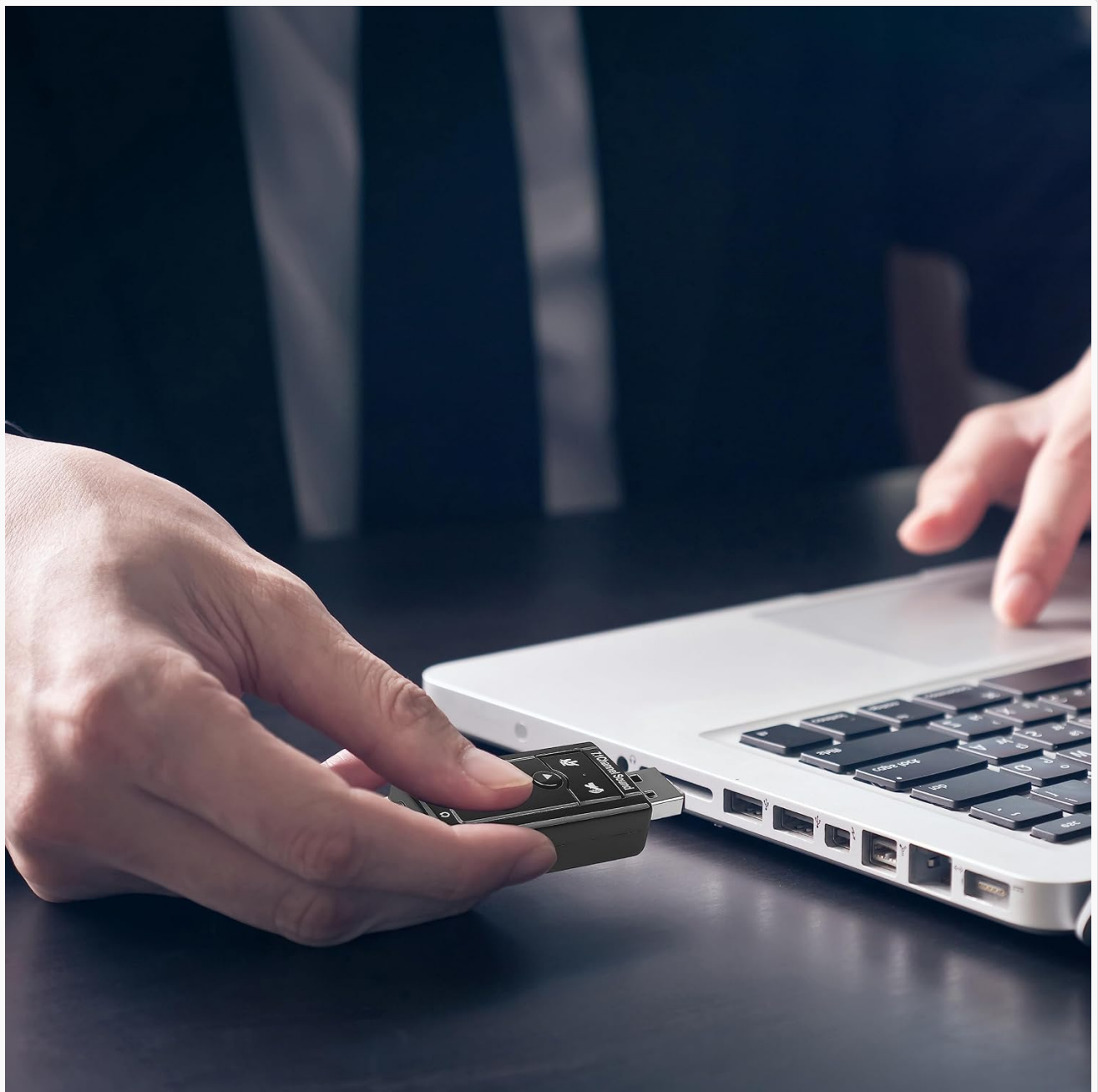


Image 2.1: Front view of the Retoo USB External Sound Card E010, showcasing its compact design and control buttons.



Image 2.2: Labeled diagram of the Retoo USB External Sound Card E010, indicating the functions of each button and port.

1. Speaker Mute Button
2. Volume Down Button
3. Headphone Output Port (3.5mm)
4. Headphone Status Indicator (Green LED)
5. Microphone Input Port (3.5mm)
6. Microphone Status Indicator (Red LED)
7. Volume Up Button
8. Microphone Mute Button

3. SETUP INSTRUCTIONS

The Retoo USB External Sound Card is designed for simple plug-and-play operation, requiring no additional drivers for most operating systems.

3.1 Connecting the Sound Card

1. Locate an available USB 2.0 port on your computer, laptop, or tablet.
2. Insert the Retoo USB External Sound Card into the USB port. The device will be automatically detected by your operating system.
3. Connect your headphones or speakers to the 3.5mm headphone output port.
4. Connect your microphone to the 3.5mm microphone input port (if applicable).



Image 3.1: The Retoo USB External Sound Card connected to a laptop's USB port, ready for use.

3.2 System Compatibility

This sound card is compatible with most common operating systems, including Windows, macOS (iOS), and Linux. No special software installation is typically required.

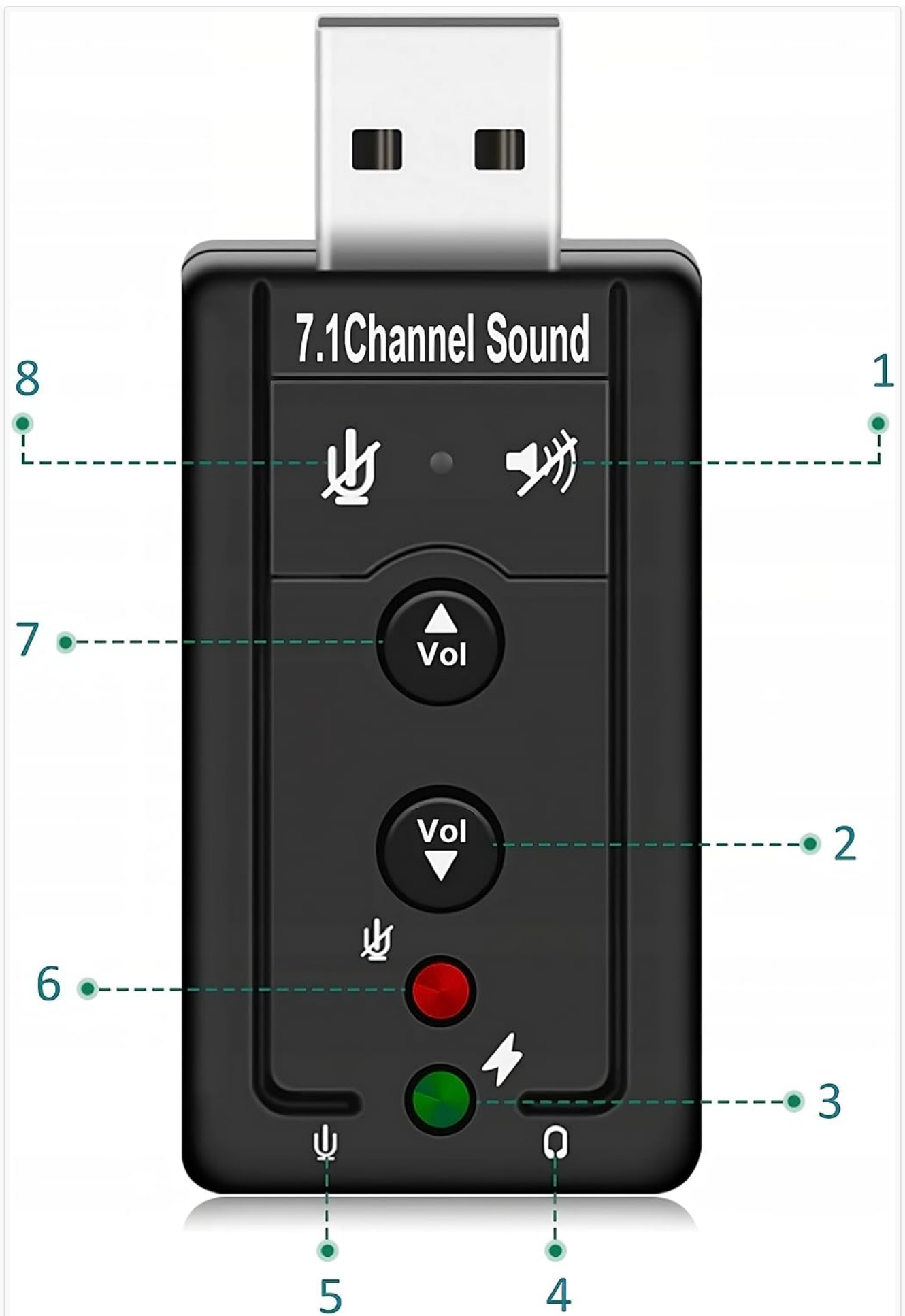


Image 3.2: The Retoo USB External Sound Card demonstrating compatibility with Windows, iOS, and Linux operating systems.

4. OPERATING INSTRUCTIONS

4.1 Audio Output

Once connected, your operating system should automatically route audio through the Retoo USB External Sound Card. You can verify this in your system's sound settings.



Image 4.1: A user enjoying audio through headphones connected to the Retoo USB External Sound Card.

4.2 Volume Control

- **Volume Up:** Press the 'Vol +' button to increase the output volume.
- **Volume Down:** Press the 'Vol -' button to decrease the output volume.

4.3 Mute Functions

- **Speaker Mute:** Press the speaker icon button to mute or unmute the audio output. The green LED indicates the status.

- **Microphone Mute:** Press the microphone icon button to mute or unmute the microphone input. The red LED indicates the status.

4.4 Microphone Input

The 3.5mm microphone input allows for connecting external microphones, enhancing audio recording quality for various applications.



Image 4.2: A close-up view of headphones and a microphone connected to the Retoo USB External Sound Card's input/output ports.

4.5 Virtual 7.1 Surround Sound

The sound card utilizes innovative sound technology to provide virtual 7.1 surround sound. This feature enhances the audio experience, allowing for clearer perception of sound nuances and details, even with standard stereo headphones or speakers.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Retoo USB External Sound Card, follow these simple

maintenance guidelines:

- Keep the device clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to disassemble or modify the device, as this may void any potential warranty and cause damage.
- Store the sound card in a safe place when not in use to prevent physical damage.

6. TROUBLESHOOTING

If you encounter issues with your Retoo USB External Sound Card, please refer to the following common troubleshooting steps:

- **No Sound Output:**
 - Ensure the sound card is securely plugged into a functional USB port.
 - Check that your headphones or speakers are correctly connected to the headphone output port.
 - Verify that the speaker mute button on the sound card is not active (green LED should be off for sound).
 - Check your computer's sound settings to ensure the USB Audio Device is selected as the default playback device and that the volume is not muted or set too low.
 - Test with different headphones/speakers to rule out issues with your audio peripherals.
- **Microphone Not Working:**
 - Ensure the microphone is securely plugged into the microphone input port.
 - Verify that the microphone mute button on the sound card is not active (red LED should be off for microphone input).
 - Check your computer's sound settings to ensure the USB Audio Device is selected as the default recording device and that the microphone input level is not muted or set too low.
 - Test with a different microphone to rule out issues with your microphone.
- **Sound Quality Issues:**
 - Ensure all connections are secure.
 - Try plugging the sound card into a different USB port.
 - Ensure there are no conflicting audio drivers installed on your system.

7. SPECIFICATIONS

Feature	Specification
Brand	Retoo
Model Number	E010
Dimensions (L x W x H)	5.7 x 2.5 x 2.2 cm
Hardware Interface	USB 2.0
Audio Output Mode	Stereo

Feature	Specification
Surround Sound Configuration	7.1 Virtual
Maximum Sample Rate	48 KHz
Compatible Devices	Desktop computer, Tablet, Laptop
Platform Compatibility	All platforms (Windows, macOS, Linux)

8. WARRANTY AND SUPPORT

Information regarding specific warranty details and availability of spare parts for the Retoo USB External Sound Card E010 is not provided at this time. For general product inquiries or support, please refer to the retailer where the product was purchased or visit the official Retoo brand store if available.

Software updates are not applicable for this plug-and-play device as it operates without dedicated drivers.

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