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## Diydeg B0BD5SLN8P

# Diydeg Computer External Live Sound Card User Manual

Professional Audio Mixer and Voice Changer for Live Streaming, Broadcasting, and Recording

## 1. INTRODUCTION

The Diydeg Computer External Live Sound Card is a versatile audio mixer and voice changer designed to enhance your live streaming, broadcasting, and recording experiences. This device offers a range of features including electronic tuning, noise reduction, and various sound effects to customize your audio output. It is compatible with computers and mobile devices, providing a comprehensive solution for audio production.

# Computer External Live Sound Card



Image: The Diydeg Computer External Live Sound Card in a live streaming setup, demonstrating its application for enhanced audio production.

## 2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x Diydeg Computer External Live Sound Card
- 1 x USB-C Data Cable
- 2 x 3.5mm Audio Cables
- 1 x Instruction Manual (this document)



Image: The contents of the Diydeg Sound Card package, including the sound card unit, a USB-C data cable, and two 3.5mm audio cables.

### 3. PRODUCT OVERVIEW

The Diydeg Sound Card features an intuitive layout with various controls for precise audio management. Familiarize yourself with the different components before operation.



Image: A top-down view of the Diydeg Computer External Live Sound Card, showcasing its various knobs, faders, and buttons for audio control.

#### 3.1. Front Panel Controls

- **Treble, Mid, Bass Knobs:** Adjust the equalization of your microphone input.
- **Record Knob:** Controls the recording volume.
- **Mic Knob:** Adjusts the microphone input volume.
- **Echo Knob:** Controls the echo effect level.
- **Accompany Fader:** Adjusts the volume of background music.
- **Monitor Fader:** Controls the volume of the ear return (headphone monitoring).
- **Mute Button:** Mutes the microphone input.
- **Voice Over Button:** Activates the voice-over function, reducing background music when speaking.
- **BT Button:** Activates Bluetooth pairing for wireless audio input.
- **Denoise Button:** Engages intelligent noise reduction.
- **Elimination Button:** Removes the vocal track from accompanying music.
- **Internal Play Button:** For internal audio routing.
- **Special Effect Buttons:** A grid of buttons (e.g., Primal Sound, Recording Studio, PRO, POP, MC, Change Voice, Karaoke, PUBG, Cheer, Din, 9277, Kiss, Gunshot, Yell, Laughter, Dindin, Awesome, Applause, Slash, Mary, Awkward, Guys) to trigger various sound effects and voice changes.



Image: A detailed view of the left side of the sound card, showing the Treble, Mid, and Bass adjustment knobs, the Accompany and Monitor faders, and a grid of special effect buttons.



Image: A detailed view of the right side of the sound card, featuring the Microphone and Echo volume knobs, along with buttons for Mute, Voice Over, Bluetooth, Denoise, Elimination, and Internal Play.

## 4. SETUP

### 4.1. Connecting to a Computer

1. Connect one end of the USB-C data cable to the 'PC/LIVE' port on the sound card.
2. Connect the other end of the USB-C data cable to an available USB port on your computer.
3. The computer should automatically recognize the sound card as an audio input/output device. You may need to select it in your operating system's sound settings.

### 4.2. Connecting to a Mobile Device

1. Use one of the 3.5mm audio cables. Connect one end to the 'LIVE' port on the sound card.
2. Connect the other end to the 3.5mm audio jack of your mobile phone. If your phone lacks a 3.5mm jack, an appropriate adapter (not included) will be required.
3. For charging your phone and the sound card simultaneously during live streaming, connect the USB-C data cable to the sound card's 'Charging 5V 1A' port and a power source, and use an OTG cable (not included) to connect your phone to the sound card's 'OTG' port.

### 4.3. Connecting Microphones and Headphones

1. Connect your microphone to the 'Condenser Mic' port using a 3.5mm jack.
2. Connect your headphones or earphones to the 'Headset' or 'Earphone' port for monitoring your audio.

### 4.4. Powering the Device

The sound card is battery-powered. Ensure it is sufficiently charged before use. You can charge the device by connecting the USB-C data cable to the 'Charging 5V 1A' port and a 5V power adapter (not included).

## 5. OPERATING INSTRUCTIONS

### 5.1. Adjusting Audio Levels

- **Microphone Volume:** Use the **Mic** knob to increase or decrease your microphone's input volume.
- **Background Music Volume:** Adjust the **Accompany** fader to control the volume of any connected background music.
- **Monitoring Volume:** Use the **Monitor** fader to set the volume for your headphones or earphones.
- **Echo Effect:** Turn the **Echo** knob to add or reduce the echo effect on your voice.
- **Recording Volume:** Adjust the **Record** knob to control the output level for recording.

### 5.2. Using Electronic Tuning

The sound card features 12-step electronic tuning. This allows for precise adjustment of high and low sounds during live broadcasts. Experiment with the Treble, Mid, and Bass knobs to achieve your desired vocal tone. Higher treble results in clearer sound, and higher bass provides a richer tone.



And, when the host speaks, the volume of the accompanying music will be automatically reduced. when not talking, the volume of the accompanying music automatically increases.

**Audio Mixer**  
**Voice Changer**

*Tuning for adjusting reverb, background music, microphone and ear return volume.*



Image: An image highlighting the sound card's capabilities for adjusting reverb, background music, microphone, and ear return volume, along with its voice changer functions.

### 5.3. Applying Sound Effects and Voice Changes

Press any of the special effect buttons on the grid to instantly apply various sound effects or voice changes. These effects are designed to suit a variety of live ambience scenarios.

### 5.4. Noise Reduction and Original Sound Elimination

- **Noise Reduction:** Press the **Denoise** button to activate intelligent noise reduction, which helps to filter out ambient noise and AC interference for clearer audio.
- **Original Sound Elimination:** Press the **Elimination** button to remove the vocal part of the music, converting the original song into an accompaniment track.

### 5.5. Automatic Music Ducking (Voice Over)

When the **Voice Over** function is active, the volume of the accompanying music will automatically decrease when you speak into the microphone. When you stop speaking, the music volume will automatically return to its previous level. This ensures your voice remains prominent during live commentary.

## 6. SPECIFICATIONS

Feature	Detail
Item Weight	14.9 ounces
Package Dimensions	8.82 x 5.67 x 2.01 inches
ASIN	B0BD5SLN8P
Power Source	Battery Powered
Voltage	5 Volts
Brand	Diydeg
Number of Channels	12
Connectivity Technology	USB
Output Connector Type	TRS

## 7. TROUBLESHOOTING

- **No Sound Output:**
  - Ensure all cables are securely connected.
  - Check the volume knobs and faders on the sound card and connected devices.

- Verify that the sound card is selected as the default audio input/output device in your computer's sound settings.
- Ensure the sound card is powered on and has sufficient battery charge.
- **Poor Sound Quality / Noise:**
  - Activate the **Denoise** function.
  - Check for loose cable connections.
  - Adjust the Treble, Mid, and Bass knobs to optimize sound.
  - Ensure your microphone is functioning correctly and positioned appropriately.
- **Bluetooth Connection Issues:**
  - Ensure the **BT** button is pressed and the indicator light is active.
  - Make sure the sound card is discoverable and within range of your Bluetooth device.
  - Try unpairing and re-pairing the device.

## 8. MAINTENANCE

To ensure the longevity and optimal performance of your Diydeg Sound Card, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the device. Avoid using liquid cleaners or abrasive materials.
- **Storage:** Store the sound card in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device with care to prevent physical damage. Avoid dropping or subjecting it to strong impacts.

## 9. WARRANTY AND SUPPORT

Diydeg is committed to customer satisfaction. If you encounter any questions or issues regarding your purchase, please contact our customer service. We aim to provide a professional and detailed response within 24 hours.

For support, please refer to the contact information provided with your purchase or visit the official Diydeg store page on Amazon.