UGREEN CM129

UGREEN CM129 USB External Sound Card Instruction Manual

Model: CM129 (40964)

1. Introduction

Welcome to the UGREEN CM129 USB External Sound Card. This device provides an easy solution for connecting headphones, microphones, or headsets to your computer via a USB port. It is designed to bypass internal sound card issues, replace a damaged audio port, or add audio capabilities to devices lacking them. The CM129 features independent volume control and mute functions for both microphone and speaker output, ensuring a convenient and enhanced audio experience.



Figure 1: The UGREEN CM129 USB External Sound Card, featuring a USB-A connector, a central rotary volume knob, and three 3.5mm audio jacks (microphone input, headphone output, and a combined headset port) on the front panel. Mute buttons for microphone and speaker are visible above the volume knob.

2. Setup

2.1 System Requirements

- Compatible Operating Systems: Windows, Mac OS, Linux.
- Available USB 2.0 port.
- No additional drivers required for installation.

2.2 Connection Instructions

1. **Connect to Computer:** Insert the USB-A plug of the UGREEN CM129 into an available USB 2.0 port on your computer. The device is hot-swappable, meaning it can be connected or disconnected while the computer is running.
2. **Connect Audio Devices:**

- For headphones: Plug your headphones into the 3.5mm headphone output jack (typically marked with a headphone icon or green ring).
- For microphones: Plug your microphone into the 3.5mm microphone input jack (typically marked with a microphone icon or pink ring).
- For headsets with a combined 3.5mm jack (TRRS): Use the dedicated combined 3.5mm jack (typically marked with a headset icon).



Figure 2: The UGREEN CM129 USB External Sound Card connected to a laptop's USB port. A user's hand is shown adjusting the central rotary volume knob, demonstrating the device in active use. A white headphone cable is plugged into one of the audio jacks.

2.3 Operating System Audio Settings

After connecting the device, your operating system should automatically detect it. You may need to select it as the default audio device:

- **Windows:** Go to *Sound Settings* (right-click the speaker icon in the taskbar) and select **"USB Audio Device"** as the default playback and recording device.
- **Mac OS:** Go to *System Preferences > Sound* and select **"USB Audio Device"** for both input and output.

- **Linux:** Access your distribution's sound settings and choose **"USB Audio Device"** for input and output.

3. Operating the Device



Figure 3: A detailed diagram highlighting the various controls and ports of the UGREEN CM129 USB External Sound Card. It labels the microphone mute button, speaker mute button, volume control knob, microphone input jack, headphone output jack, and combined headset jack.

- **Volume Control Knob:** The large rotary knob in the center of the device controls the output volume for your headphones or speakers. Turn it clockwise to increase volume and counter-clockwise to decrease volume.
- **Microphone Mute Button:** Located above the volume knob, this button (marked with a microphone icon) allows you to quickly mute or unmute your microphone. An indicator light will typically show the mute status.
- **Speaker Mute Button:** Also located above the volume knob, this button (marked with a speaker icon) allows you to quickly mute or unmute the audio output to your headphones or speakers. An indicator light will typically show the mute status.

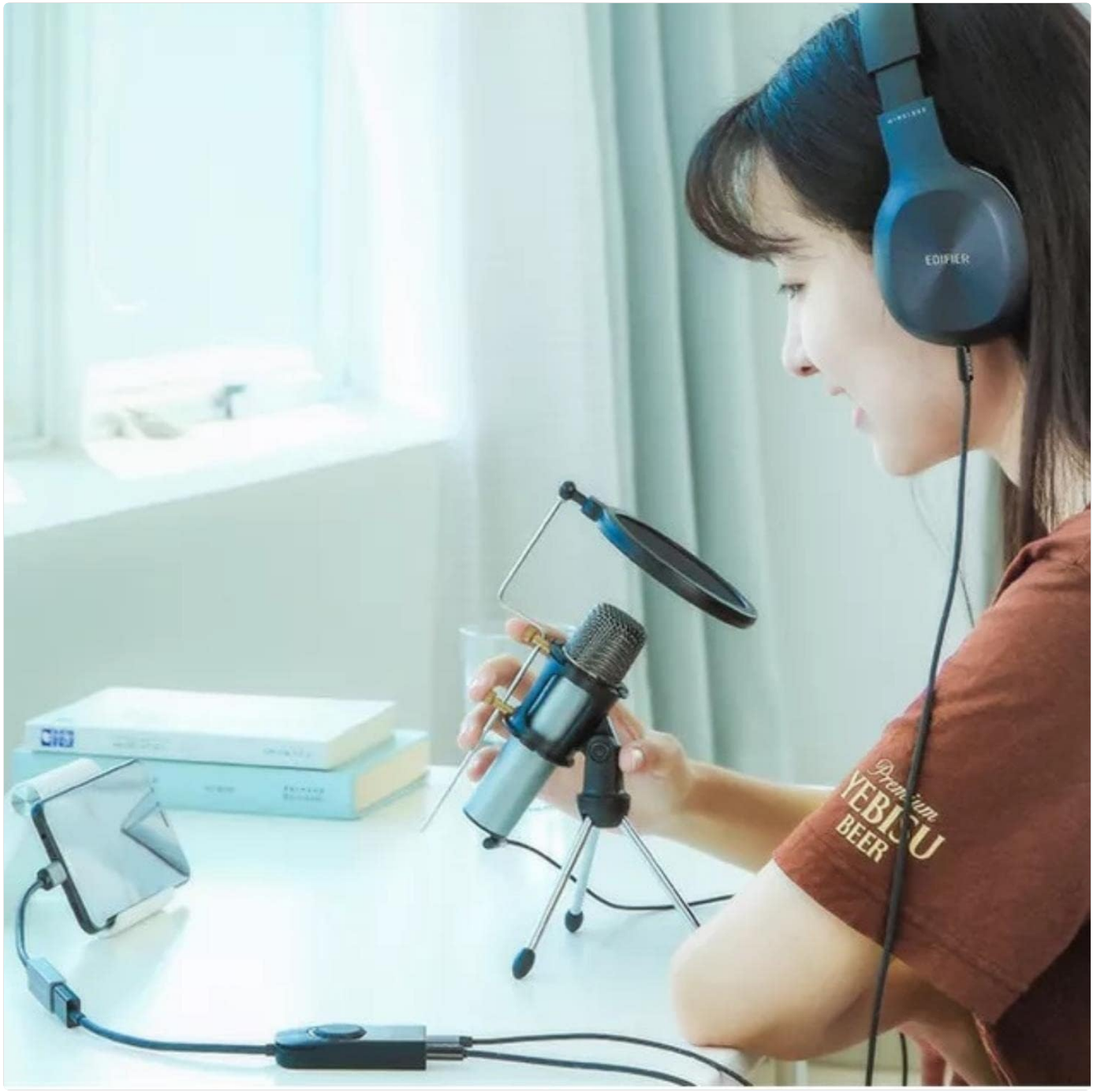


Figure 4: This image illustrates a user engaged in recording or communication, with a condenser microphone connected to a laptop through the UGREEN CM129 USB External Sound Card. The sound card facilitates the microphone connection, enhancing audio input capabilities.

4. Maintenance

To ensure the longevity and optimal performance of your UGREEN CM129 USB External Sound Card, please follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the device. Avoid using liquid cleaners or abrasive materials.
- **Storage:** Store the device in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the device or subjecting it to strong impacts. Do not attempt to disassemble or modify the device, as this will void any warranty.

5. Troubleshooting

If you encounter any issues while using your UGREEN CM129, please refer to the following common troubleshooting steps:

- **No Sound Output:**
  - Ensure the CM129 is securely connected to a functional USB port on your computer.
  - Verify that the speaker mute button on the device is not active (check for indicator light).
  - Confirm that "USB Audio Device" is selected as the default playback device in your computer's sound settings.
  - Check that your headphones are properly plugged into the correct 3.5mm output jack.
  - Adjust the volume control knob on the CM129 and your computer's system volume.
- **Microphone Not Working:**
  - Ensure your microphone is securely plugged into the correct 3.5mm microphone input jack.
  - Verify that the microphone mute button on the device is not active (check for indicator light).
  - Confirm that "USB Audio Device" is selected as the default recording device in your computer's sound settings.
  - Test the microphone with another device if possible to rule out a microphone issue.
- **Static or Poor Audio Quality:**
  - Try connecting the CM129 to a different USB port on your computer.
  - Ensure all audio cables are fully inserted and secure.
  - Avoid placing the device near sources of strong electromagnetic interference (e.g., power adapters, Wi-Fi routers).
  - Test with different headphones/microphone to isolate the issue.

6. Specifications

Feature	Detail
Brand	UGREEN
Model Name	CM129
Model Number	40964
Interface	USB 2.0 Type-A Male
Input Ports	1 x 3.5mm Mono Microphone Jack
Output Ports	1 x 3.5mm Headphone Jack, 1 x 3.5mm Combined Headphone/Microphone Jack
Signal-to-Noise Ratio (SNR)	≥ 85 dB
Frequency Response	20 Hz - 20 kHz
Cable Length	Approximately 15 cm
Dimensions (L x W x H)	74 x 34 x 15.5 mm
Compatible Platforms	PC, Smartphone, Laptop (Windows, Mac OS, Linux)

Special Features	Hot-swappable, Driver-free, Independent Volume Control, Microphone Mute, Speaker Mute

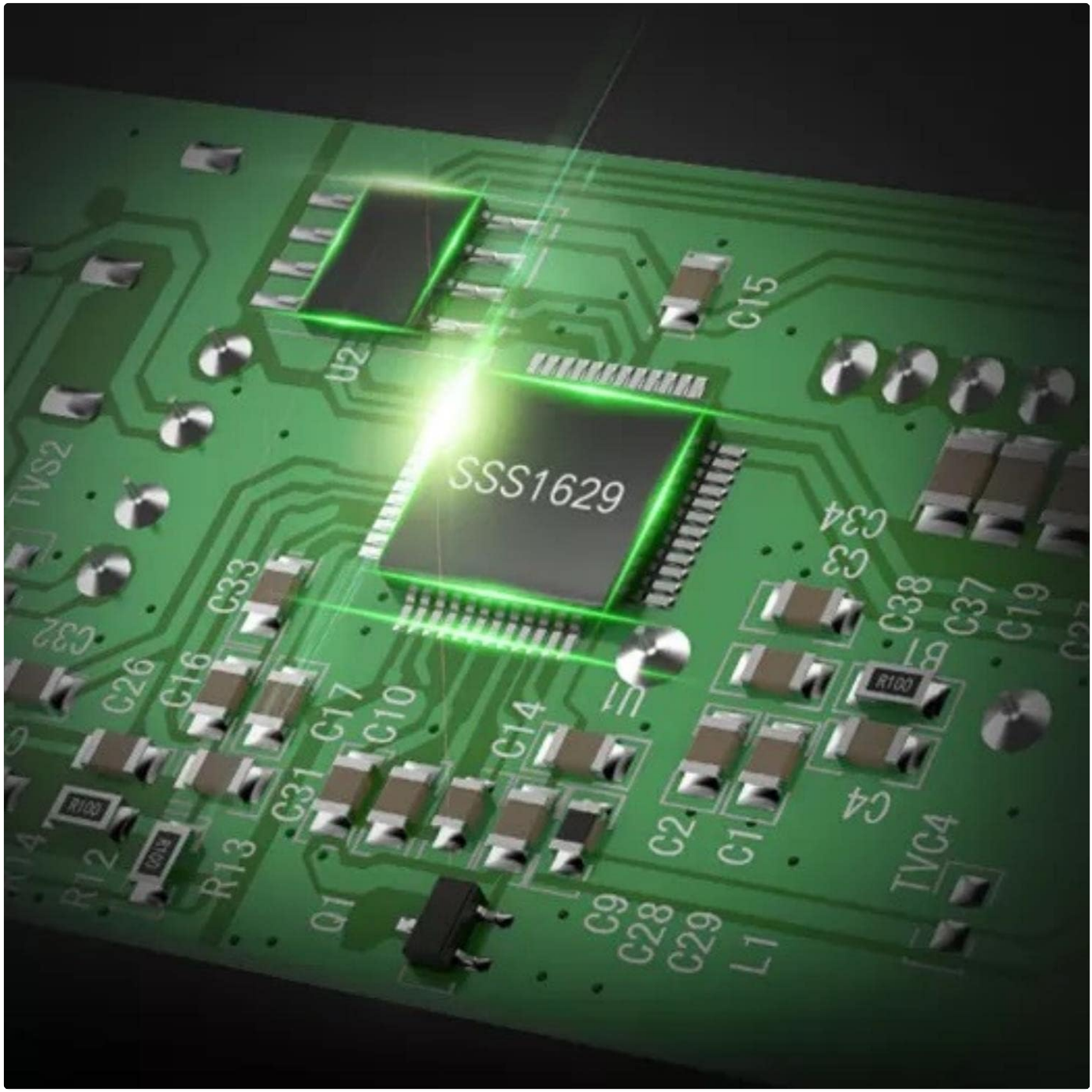


Figure 5: This image provides a close-up view of the internal SSS1629 audio processing chip, which is the core component responsible for the sound card's performance and audio quality.

7. Warranty and Support

UGREEN products are designed with quality and reliability in mind. For detailed warranty information, product registration, or technical support, please visit the official UGREEN website or contact UGREEN customer service directly. Please have your product model number (CM129 or 40964) and purchase details ready when seeking support.
UGREEN Official Website: www.ugreen.com

© 2025 UGREEN. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

How do I use the UGREEN CM129 USB External Sound Card with Bluetooth speakers?

The UGREEN CM129 is a wired USB external sound card designed to connect headphones and microphones via 3.5mm audio jacks. It does not have built-in Bluetooth capabilities.If you are trying to use Bluetooth speakers...

Read full answer