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> [UGREEN USB External Sound Card Audio Adapter \(Model 40520\) Instruction Manual](#)

UGREEN 40520

UGREEN USB External Sound Card Audio Adapter (Model 40520) Instruction Manual

Model: 40520 | Brand: UGREEN

INTRODUCTION

This manual provides detailed instructions for the UGREEN USB External Sound Card Audio Adapter, Model 40520. This device converts a USB port into a 3.5mm audio jack, allowing you to connect headphones, headsets with microphones, or speakers to your computer or gaming console. It supports 24bit/192kHz audio output for high-quality sound.

PRODUCT FEATURES

- **USB to 3.5mm Audio Adapter:** Connects 3.5mm audio devices to a USB port.
- **High-Fidelity Sound:** Supports 24bit/192kHz audio for clear sound.
- **Plug and Play:** No drivers required for most operating systems.
- **Wide Compatibility:** Works with Windows, macOS, Linux, PS4, PS5, PC, and Laptops.
- **Compact Design:** Lightweight and portable.

SETUP AND INSTALLATION

The UGREEN USB External Sound Card is designed for simple plug-and-play operation. Follow these steps to set up your device:

1. Connecting the Adapter

1. **Identify Ports:** Locate an available USB port on your computer, laptop, or gaming console (PS4/PS5).
2. **Connect Adapter:** Insert the USB connector of the UGREEN sound card into the identified USB port.
3. **Connect Audio Device:** Plug your 3.5mm headset (with combined audio/mic jack), headphones, or speakers into the 3.5mm port on the UGREEN adapter.

Voice Chatting Freely

Easy way to regain the audio and microphone



Image: UGREEN USB External Sound Card connected to a laptop, demonstrating its use for voice chatting with headphones.

Range of Application

Plug and Play, no drivers needed



USB Port



PC



Laptop



Raspberry Pi 4



PS5/PS4

Audio Port



Earphones



Headphones



Speaker



Microphone



TS



TRS



TRRS

Microphone
Jack Com-
patibility



Image: Diagram illustrating the range of application, showing compatibility with Windows, macOS, Linux, PC, Laptop, Raspberry Pi 4, PS5/PS4, and various audio devices like earphones, headphones, speakers, and microphones (TS, TRS, TRRS compatibility).

2. System Configuration (if needed)

In most cases, your operating system will automatically detect the UGREEN sound card and set it as the default audio device. If not, manual configuration may be required:

For Windows:

1. Right-click on the sound icon in the taskbar (usually in the bottom-right corner).
2. Select "Sound Settings" or "Playback devices" / "Recording devices".
3. In the Playback tab, select "C-Media USB Headset" or a similar entry for the UGREEN adapter as your default output device.
4. In the Recording tab, select "C-Media USB Headset" or a similar entry for the UGREEN adapter as your default input device.
5. Adjust the volume levels as needed within the system settings and any applications you are using.

For Mac:

1. Go to "System Preferences".
2. Click on "Sound".
3. In the "Output" tab, select "C-Media USB Headset" or a similar entry for the UGREEN adapter.
4. In the "Input" tab, select "C-Media USB Headset" or a similar entry for the UGREEN adapter.
5. Adjust the output and input volume sliders as desired.

For Linux:

The adapter is generally plug-and-play on Linux. If manual configuration is needed, access your system's sound settings (e.g., PulseAudio Volume Control, ALSA mixer) and select the UGREEN USB Audio Device as your preferred input and output.

For PS4/PS5:

Connect the adapter to an available USB port on your console. Navigate to the console's sound settings to ensure the USB Headset is selected for audio input and output. Note: For PS5/PS4, the output sound for Left and Right channels may be reversed as the sound sampling rate of this audio adapter (192K/24BIT) is higher than their compatibility (48K/16BIT).



Image: UGREEN USB External Sound Card connected to a PS4 console, demonstrating its use for gaming audio.

OPERATING INSTRUCTIONS

Once the UGREEN USB External Sound Card is connected and configured, it functions as your primary audio input and output device.

- **Audio Playback:** Any audio played from your connected device (PC, Mac, PS4/PS5) will be routed through the 3.5mm port of the adapter to your connected headphones or speakers.
- **Microphone Input:** If using a headset with a microphone, your voice will be captured through the adapter and sent to your connected device for communication or recording.
- **Volume Control:** Adjust volume using your operating system's sound controls or the volume controls on your connected audio device (if available).

Hi-Fi Sound Effects

Noise reduction chip for quality sound

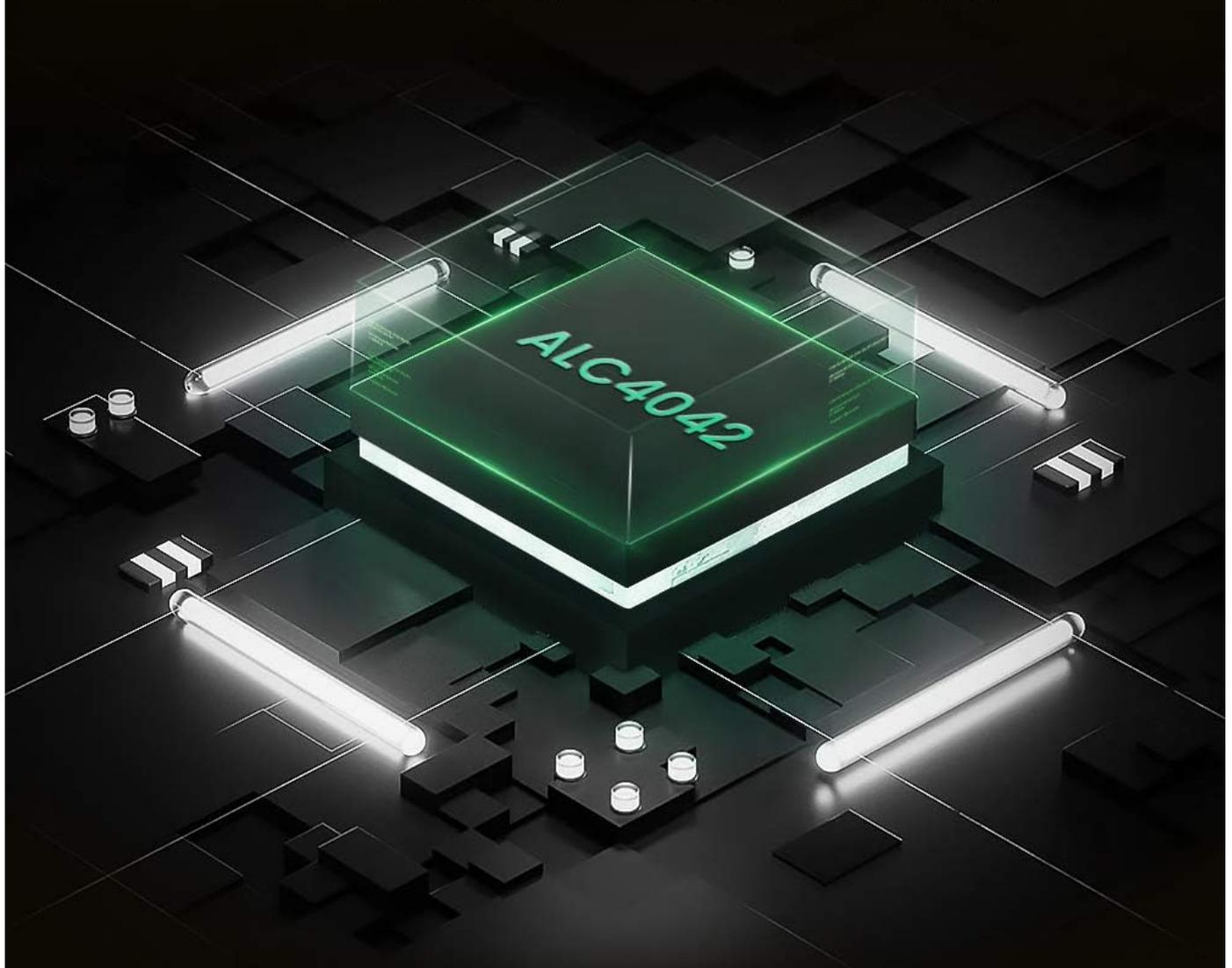
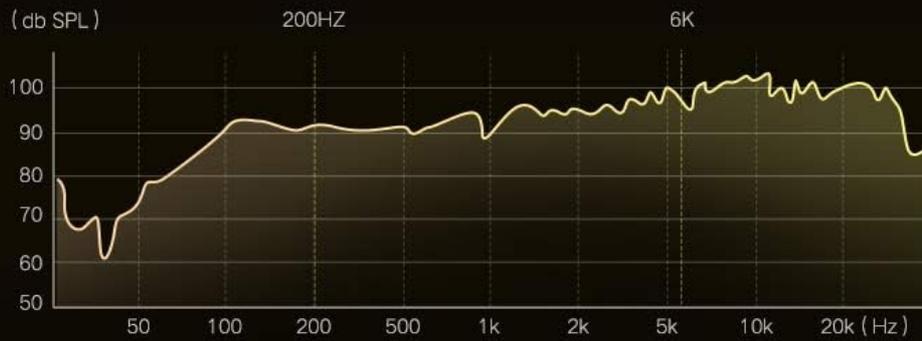


Image: Diagram highlighting the internal ALC4042 chip, responsible for noise reduction and high-fidelity sound effects, with a frequency response graph.

MAINTENANCE

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

maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the adapter. Avoid liquid cleaners or abrasive materials.
- **Storage:** Store the adapter in a cool, dry place when not in use.
- **Handling:** Avoid bending or twisting the cable excessively. Do not pull the adapter out by the cable; always grasp the USB connector.
- **Environmental Conditions:** Keep the adapter away from extreme temperatures, direct sunlight, and high humidity.

User Friendly Design

No disturb to its adjacent ports



Smaller

Image: UGREEN USB External Sound Card connected to a laptop, demonstrating its user-friendly, compact design that does not obstruct adjacent ports.

Lightweight and Convenient

You can put it in your pocket and take it with you



Image: UGREEN USB External Sound Card displayed on a table, illustrating its lightweight and convenient design with a total length of 212mm, making it easily portable.

TROUBLESHOOTING

If you encounter issues with your UGREEN USB External Sound Card, refer to the following common problems and

solutions:

No Sound Output:

- **Check Connections:** Ensure the USB adapter is firmly plugged into a working USB port and your audio device is securely connected to the 3.5mm jack.
- **System Settings:** Verify that the UGREEN USB Audio Device is selected as the default playback device in your operating system's sound settings (refer to "Setup and Installation" section).
- **Volume Levels:** Confirm that system volume and application volume are not muted or set too low.
- **Test with Another Device:** Try connecting the adapter to a different USB port or another computer/device to rule out port or system-specific issues.

Microphone Not Working:

- **Headset Type:** This adapter is designed for headsets with a **single 3.5mm TRRS (4-pole) combo jack**. It will not work with headsets that have separate 3.5mm jacks for headphone and microphone.
- **System Settings:** Ensure the UGREEN USB Audio Device is selected as the default recording device in your operating system's sound settings.
- **Microphone Mute:** Check if the microphone is muted in your system settings or within the application you are using.
- **Headset Functionality:** Test your headset's microphone directly with another device if possible, to confirm it is working correctly.

Static or Poor Audio Quality:

- **Interference:** Try moving the adapter away from other electronic devices that might cause electromagnetic interference.
- **USB Port:** Connect the adapter directly to a USB port on your computer rather than through a USB hub, if possible, to ensure stable power and data transfer.
- **Cable Quality:** Ensure your 3.5mm audio cable is not damaged and is fully inserted.
- **PS4/PS5 Note:** As mentioned in the setup, for PS4/PS5, the higher sampling rate of the adapter might cause reversed left/right channels. This is a known compatibility characteristic.

Compatibility Notes:

- **PS3:** The USB interface on PS3 does not carry an audio signal, so this USB audio adapter is not compatible with PS3.
- **Headset Type:** Only compatible with headsets featuring a single 3.5mm TRRS (4-pole) jack.

SPECIFICATIONS

Feature	Detail
Model Number	40520
Brand	UGREEN
Hardware Interface	USB 2.0
Audio Output Mode	Stereo
Compatible Devices	Personal Computer, Laptop, Gaming Console (PS4, PS5)

Feature	Detail
Supported Platforms	Windows 10, Mac OS X, Linux, PlayStation 4, PlayStation 5
Audio Sampling Rate	Up to 24bit/192kHz
Item Weight	0.67 ounces (approximately 19 grams)
Package Dimensions	5.51 x 3.46 x 0.55 inches

WARRANTY AND SUPPORT

UGREEN products typically come with a standard manufacturer's warranty. For specific warranty details, including duration and coverage, please refer to the warranty card included with your product or visit the official UGREEN website. For technical support, troubleshooting assistance, or any product-related inquiries, please contact UGREEN customer service through their official website or the retailer where the product was purchased. Keep your purchase receipt and product model number (40520) handy when contacting support.

UGREEN Official Website: www.ugreen.com

