UGREEN 80864

UGREEN USB to Audio Jack External Sound Card 3.5mm Adapter Instruction Manual

Model: 80864

1. Product Overview

The UGREEN USB to Audio Jack External Sound Card is a versatile 2-in-1 adapter designed to provide both audio output and microphone input capabilities via a single 3.5mm TRRS port. It serves as an external sound card, bypassing your device's internal audio, and is ideal for systems with damaged audio jacks or for expanding audio connectivity options.

- **2-in-1 Functionality:** Supports simultaneous listening and talking, adding a 3.5mm Aux TRRS port to your USB-enabled devices.
- **High-Quality Audio:** Features advanced C-Media IC technology for optimal sound quality, supporting high-resolution audio output and noise reduction up to 24bit/96kHz.
- **Durable Design:** Constructed with an aluminum alloy shell for enhanced durability and portability.
- **Wide Compatibility:** Works with standard USB Audio enabled systems including Windows 11/10/8.1/8/7/Vista/XP, Mac OS X, Linux, PS5/4, Google Chromebook, Windows Surface 3 Pro, and Raspberry Pi.
- **Plug and Play:** No drivers required; simply connect for immediate use.



Figure 1: UGREEN 2-in-1 USB to 3.5mm Jack Audio Adapter.

2. What's in the Box

Verify that all items are present in your package:

- 1 x UGREEN USB Stereo Audio Adapter with 3.5mm TRRS

3. Setup Instructions

The UGREEN USB to Audio Jack adapter is designed for simple plug-and-play operation. No additional drivers are required for most operating systems.

1. **Connect the Adapter:** Insert the USB-A connector of the UGREEN adapter into an available USB port on your computer, PS5/PS4, Nintendo Switch Dock, or other compatible device.
2. **Connect Audio Device:** Plug your 3.5mm TRRS headphones, earbuds, microphone, or speakers into the 3.5mm audio jack on the UGREEN adapter. Ensure the plug is fully inserted.
3. **System Recognition:** Your operating system should automatically detect the new audio device. You may need to select the "Realtek USB 2.0 Audio" or similar option as your default playback and recording device in your system's sound settings.



Figure 2: Connecting the UGREEN USB audio adapter to a laptop and external speaker.



Figure 3: Using the UGREEN USB audio adapter with headphones for gaming, supporting both listening and talking.

4. Operating Instructions

Once connected and recognized by your system, the UGREEN USB to Audio Jack adapter functions as your primary audio input and output device.

4.1 Audio Playback

Any audio played from your connected device will be routed through the 3.5mm port of the adapter to your headphones or speakers. The adapter supports high-fidelity stereo audio.

4.2 Microphone Input

If you are using a TRRS headset with an integrated microphone, the adapter will enable microphone input. This is suitable for voice calls, online meetings, gaming communication, and audio recording.



Figure 4: The UGREEN adapter provides a solution for devices with broken audio jacks, supporting TRRS microphone compatibility.

4.3 Sound Quality

The adapter enhances audio quality with support for up to 24bit/96kHz resolution, offering clearer sound compared to standard 16bit/48kHz audio.

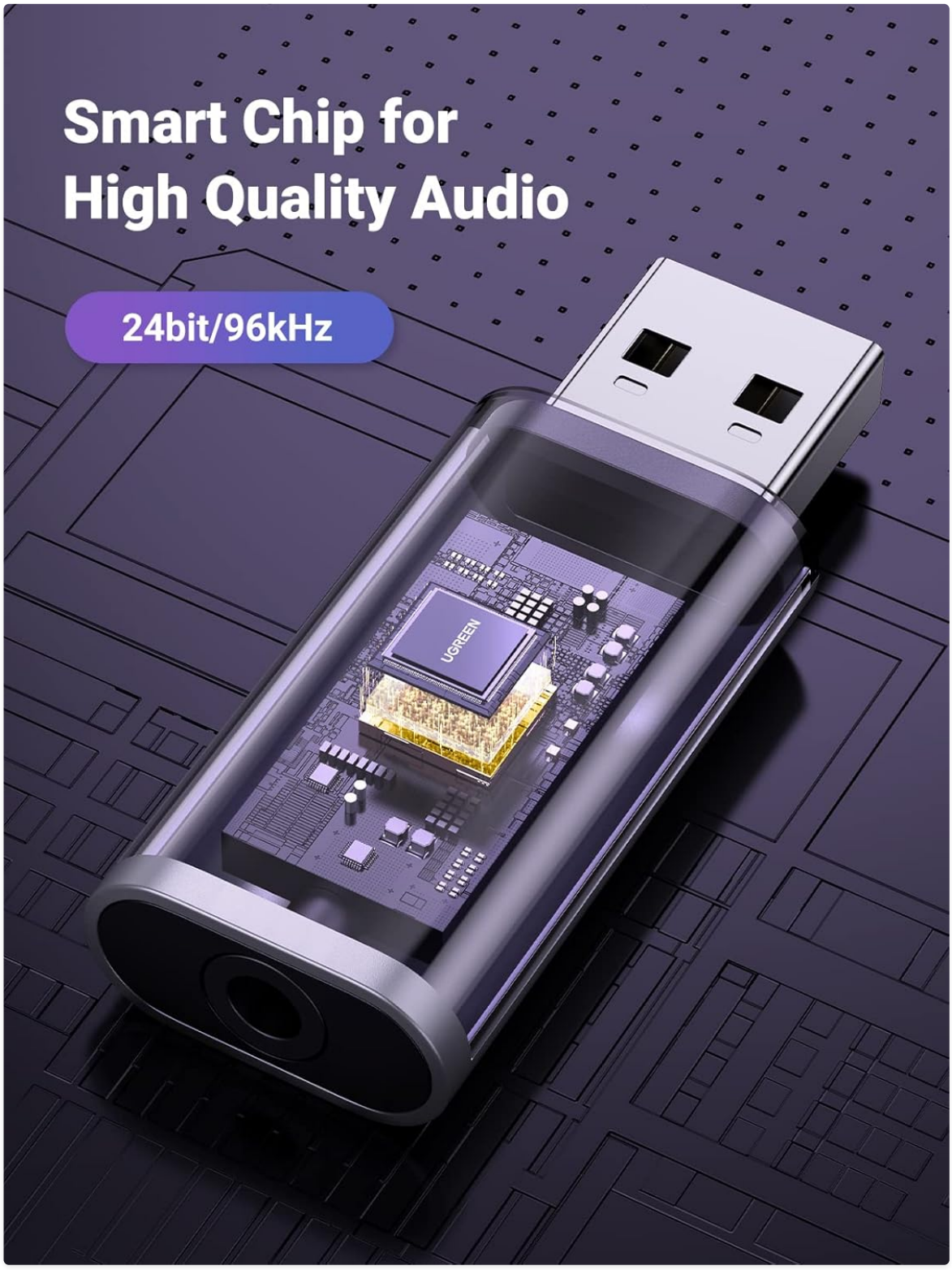


Figure 5: The adapter features a smart chip for high-quality audio processing.

4.4 Video Demonstration

Watch this video for a visual guide on connecting and using the UGREEN USB Sound Card with various devices.

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Video 1: UGREEN USB Sound Card demonstration, showing connection and usage with headphones and speakers.

5. Maintenance

The UGREEN USB to Audio Jack adapter requires minimal maintenance to ensure longevity and optimal performance.

- **Cleaning:** Use a soft, dry cloth to wipe the adapter. Avoid liquid cleaners or solvents.
- **Storage:** Store the adapter in a cool, dry place when not in use.
- **Handling:** Avoid dropping the adapter or subjecting it to excessive force, which could damage the internal components or connectors.
- **Connection:** Always grasp the USB plug when inserting or removing the adapter from a port to prevent strain on the cable or connector.

6. Troubleshooting

If you encounter issues with your UGREEN USB to Audio Jack adapter, refer to the following common solutions:

6.1 No Sound Output or Input

- **Check Connections:** Ensure the USB adapter is fully inserted into a working USB port and your audio device (headphones, speakers, microphone) is securely plugged into the 3.5mm jack.
- **Verify System Audio Settings:**
  - **Windows:** Right-click the speaker icon in the taskbar, select "Sound settings" or "Playback devices." Ensure "Realtek USB 2.0 Audio" (or similar) is set as the default playback device. For microphone input, check the "Recording devices" tab and set the adapter as the default recording device.
  - **Mac OS:** Go to System Preferences > Sound. In the "Output" and "Input" tabs, select the USB audio device.
  - **Linux (e.g., Solus with Pulse Audio):** Open Pulse Audio settings. Under "Configuration," select "USB Audio" and set it to "Analog Stereo Duplex" for both input and output.
- **Test with Another Port/Device:** Try plugging the adapter into a different USB port or testing it on another compatible device to rule out port or device-specific issues.
- **Restart Device:** Sometimes a simple restart of your computer or console can resolve recognition issues.

6.2 Microphone Volume is Low

- **Adjust System Settings:** Increase the microphone volume level in your operating system's sound settings. Some generic audio drivers may not offer a "Microphone Boost" option.
- **Application Settings:** Check the microphone input level within the specific application you are using (e.g., Discord, Zoom, game settings).

6.3 In-line Controls Not Working

- Note that some in-line volume controls or mute buttons on headsets may not be fully supported by the adapter, as it uses a generic audio driver. Basic audio and microphone functionality will still be available.

7. Specifications

Model Number	80864
Product Dimensions	0.31 x 0.79 x 1.97 inches
Item Weight	0.704 ounces
Brand	UGREEN
Hardware Interface	USB 1.0
Audio Output Mode	Stereo
Compatible Devices	Laptop; PS5/PS4; Nintendo Switch Dock; Headphone; Earphone; Speaker; Microphone
Platform Compatibility	Windows 11/10/8.1/8/7/Vista/XP, Mac OS X, Linux, PS5/4, Google Chromebook, Windows Surface 3 Pro, Raspberry Pi

8. Warranty and Support

For warranty information and customer support, please refer to the official UGREEN website or contact their customer service directly. Specific warranty terms may vary by region and retailer.