UGREEN 30757

UGREEN USB to 3.5mm Audio Adapter (Model 30757) User Manual

Model: 30757

1. INTRODUCTION

The UGREEN USB to 3.5mm Audio Adapter (Model 30757) is an external sound card designed to provide audio input and output capabilities via a USB-A port. This adapter allows you to connect 3.5mm headphones, headsets, or speakers to devices that may lack a dedicated audio jack or to enhance existing audio quality. It supports both listening and talking functions, making it suitable for various applications including gaming, online meetings, and music playback.

2. PRODUCT OVERVIEW

The UGREEN USB to 3.5mm Audio Adapter features a compact design with a durable build, ensuring reliable performance and portability.

Key Features:

- **2-in-1 USB Audio Adapter:** Supports both audio output (listening) and microphone input (talking).
- **High-Quality Sound:** Built-in advanced smart chip for 24bit/96kHz high-resolution audio output and noise reduction.
- **Durable Construction:** Features an aluminum alloy shell and a nylon braided cable for enhanced durability and resistance to bending.
- **Plug and Play:** No drivers required for most compatible operating systems.
- **Wide Compatibility:** Works with various operating systems and devices including PCs, laptops, gaming consoles (PS5, PS4, Switch 2), and more.

Components:

- USB-A Male Connector
- Nylon Braided Cable
- 3.5mm TRRS Female Jack

High-fidelity sound card

High-performance DAC KT0210

24bit 96kHz

3.5mm 4-pole compatible

Wide compatibility

Aluminium alloy shell

Nylon braided

Plug-and-Play

Compact design

UGREEN

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TRRS | TRS | TS

Image: UGREEN USB to 3.5mm Audio Adapter showcasing its high-fidelity sound card, 24bit/96kHz support, 3.5mm 4-pole compatibility, wide compatibility, aluminum alloy shell, nylon braided cable, plug-and-play functionality, and compact design. It also illustrates TRRS compatibility.

3. SETUP INSTRUCTIONS

The UGREEN USB to 3.5mm Audio Adapter is designed for simple plug-and-play operation.

1. **Connect to Device:** Insert the USB-A male connector of the adapter into an available USB-A port on your computer (PC, laptop), gaming console (PS5, PS4, Switch 2), or other compatible device.
2. **Connect Audio Device:** Plug your 3.5mm headphones, headset, or speakers into the 3.5mm female

jack of the adapter.

3. **Configure Audio Settings (if necessary):** Your operating system should automatically detect the UGREEN USB Audio Device. If not, or if you experience issues, navigate to your device's sound settings (e.g., Sound Control Panel on Windows, System Preferences > Sound on macOS) and ensure the UGREEN USB Audio Device is selected as the default playback and recording device.

Image: A person using the UGREEN USB to 3.5mm Audio Adapter to connect a headset to a PS5 console while gaming, demonstrating a typical setup scenario.

4. OPERATING INSTRUCTIONS

Once connected and configured, the adapter functions as your device's primary audio interface.

- **Audio Playback:** Any audio played on your connected device will be routed through the adapter to your 3.5mm headphones or speakers.
- **Microphone Input:** If you are using a TRRS headset with an integrated microphone, the microphone input will be processed through the adapter. This allows for voice communication in games, video calls, or recordings.
- **Volume Control:** Adjust volume directly from your connected device or through any inline controls on your headphones/headset.

Important Notes:

- The 3.5mm adapter supports the connection of a single microphone for use. The 3.5mm male microphone's attribute requirement is TRRS.
- This adapter does not support Apple headphone line control functions (e.g., volume up/down, play/pause).
- The adapter supports regular headphones with a resistance of less than 50 ohms. It does not support high-resistance headphones.

CTIA/OMTP One Touch Auto Switch !

OMTP mode

Ground ---------

Microphone ---------

Right channel ---------

Left channel ---------

→ Compatible models: Nokia, Sony Ericsson, ZTE, older Galaxy models,

CTIA mode

Microphone ---------

Ground ---------

Right channel ---------

Left channel ---------

→ Compatible devices: iPhone/Sony/Xiaomi etc.

Image: A diagram illustrating the pin configurations for CTIA and OMTP 3.5mm jack standards, indicating compatibility with various devices like iPhone/Sony/Xiaomi (CTIA) and Nokia/Sony Ericsson/ZTE (OMTP).

5. COMPATIBILITY

Compatible Operating Systems:

- Windows 11 / 10 / 98SE / ME / 2000 / XP / Server 2003 / Vista / 7 / 8
- Linux / Raspberry Pi
- macOS (e.g., MacBook Pro 2019, MacBook Air 2018)
- Google Chromebook

- Windows Surface Pro 3

Compatible Devices:

- Personal Computers (PC)
- Laptops
- PlayStation 5 (PS5)
- PlayStation 4 (PS4)
- Nintendo Switch 2

Compatible Audio Devices:

- Headphones
- Earphones
- Speakers
- Microphones (TRRS type)

Image: A visual representation of the adapter's wide compatibility, showing connections to USB-A devices (PC, Laptop, PS5, Switch 2) and 3.5mm devices (Headphones, Earphones, Speakers, Microphone), across various operating systems (Windows, Linux, Mac OS, Android).

6. SPECIFICATIONS

Model Number	30757
Brand	UGREEN

Hardware Interface	USB-A
Audio Output Mode	Stereo
Sampling Rate (Output)	Up to 24bit/96kHz
Signal-to-Noise Ratio	>95dB
Output Power	13mW
Frequency Response	20-20kHz
Cable Length	9.8 Inches (approximately 25 cm)
Materials	Aluminum Alloy Shell, Nylon Braided Cable
Product Dimensions (LxWxH)	12.99 x 0.71 x 0.31 inches
Item Weight	1.41 ounces

High-Performance DAC chip

24bit/96kHz professional-grade high-resolution audio

>95dB
Signal-to-noise ratio

13mW
Output power

20-20kHz
Frequency response

24-bit/96kHz
Sampling rate

DAC

Image: A detailed view highlighting the high-performance DAC chip within the UGREEN USB Audio Adapter, along with its audio specifications such as 24bit/96kHz sampling rate, >95dB signal-to-noise ratio, 13mW output power, and 20-20kHz frequency response.

Ultra-Compact Design

18mm

8mm

52mm

28mm

Image: The UGREEN USB Audio Adapter displayed with its ultra-compact design and precise dimensions (USB-A connector: 52mm length, 18mm width; 3.5mm jack: 28mm length, 8mm width), illustrating its portable form factor.

7. MAINTENANCE

Proper care and maintenance will help extend the lifespan of your UGREEN USB to 3.5mm Audio Adapter.

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the adapter. Avoid using liquid cleaners, solvents, or abrasive materials, as these can damage the product.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid excessive bending or twisting of the cable, especially near the connectors, to

prevent internal wire damage. Do not apply undue force when plugging or unplugging the adapter or connected audio devices.

Image: A visual breakdown of the UGREEN USB Audio Adapter's high durability features, including its nylon braided cable (tested for over 20,000 bends), triple-layer shielding, high-quality connectors, and aluminum alloy shell.

8. TROUBLESHOOTING

If you encounter issues with your UGREEN USB to 3.5mm Audio Adapter, refer to the following common troubleshooting steps:

- **No Sound Output:**

- Ensure the adapter is securely plugged into a functional USB-A port on your device.
- Verify that your headphones or speakers are fully inserted into the 3.5mm jack of the adapter.
- Check your operating system's sound settings to confirm that the "UGREEN USB Audio Device" (or similar) is selected as the default playback device.
- Adjust the volume levels on both your computer/device and your connected audio equipment.
- Test the adapter with another USB port or another audio device to rule out port or device issues.

- **Microphone Not Working:**

  - Confirm that your headset uses a TRRS (Tip-Ring-Ring-Sleeve) connector, which supports both audio and microphone.
  - In your operating system's sound settings, ensure the "UGREEN USB Audio Device" is selected as the default recording device.
  - Check microphone privacy settings in your operating system (e.g., Windows Privacy settings for Microphone access).
  - Ensure the microphone on your headset is not muted.

- **Poor Audio Quality (Static, Distortion, Low Volume):**

  - Ensure all connections are secure and free from debris.
  - Avoid using headphones with a resistance greater than 50 ohms, as the adapter is optimized for regular headphones.
  - Test with a different audio source or file to determine if the issue is with the adapter or the source material.
  - If possible, try the adapter on a different device to isolate the problem.

9. Warranty and Support

UGREEN products are designed and manufactured to high-quality standards. For warranty information, technical support, or customer service inquiries, please refer to the official UGREEN website or contact their customer support directly.

- **Manufacturer:** UGREEN
- **Brand:** UGREEN
- **Online Support:** Visit the official UGREEN website for FAQs, driver downloads (if applicable), and contact information.