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› [ASHATA](#) /

› ASHATA GV-023 USB DAC Audio Converter User Manual

ASHATA GV-023

ASHATA GV-023 USB DAC Audio Converter User Manual

Model: GV-023

1. INTRODUCTION

The ASHATA GV-023 USB DAC Audio Converter is a versatile device designed to enhance your audio experience by converting digital audio signals from your computer into high-quality analog sound. It functions as an external USB sound card, offering multiple output options for various audio setups.

Key Features:

- **Multiple Outputs:** Features analog (RCA L/R), coaxial digital, optical digital, and 3.5mm headphone outputs.
- **USB Sound Card Functionality:** Can be used directly as a USB sound card for your computer.
- **Wide Compatibility:** Compatible with major operating systems including Windows 10/8.1/8/7/Vista/XP/2000 and Mac OS X.
- **Plug and Play:** Generally requires no drivers for basic stereo operation.
- **No External Power:** Operates solely via USB power.

2. PACKAGE CONTENTS

Please ensure all items are present in your package:

- ASHATA GV-023 USB DAC Audio Converter
- USB Cable

3. PRODUCT OVERVIEW

Familiarize yourself with the ports and indicators on your ASHATA GV-023 USB DAC Audio Converter.



Figure 3.1: Front view of the converter with labeled ports.



Figure 3.2: Top and bottom views of the converter showing all input and output ports.

Port Descriptions:

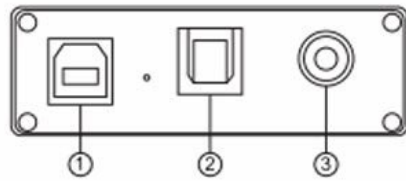
- **USB IN:** Connects to your computer for audio input and power.
- **Optical OUT:** Digital audio output (TOSLINK).
- **Coaxial OUT:** Digital audio output (RCA).
- **Headphone OUT:** 3.5mm stereo jack for headphones.
- **R/L OUT:** RCA stereo analog audio output for speakers or amplifiers.

4. SETUP AND CONNECTION

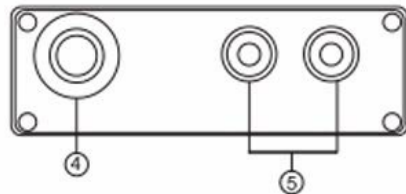
Follow these steps to connect your ASHATA GV-023 USB DAC Audio Converter to your system.

Basic Connection Diagram:

Panel Description



- ① USB input
- ② Optical Audio out
- ③ Coaxial Audio out



- ④ Stereo Audio out
- ⑤ R/L Audio out

Connection and Diagram

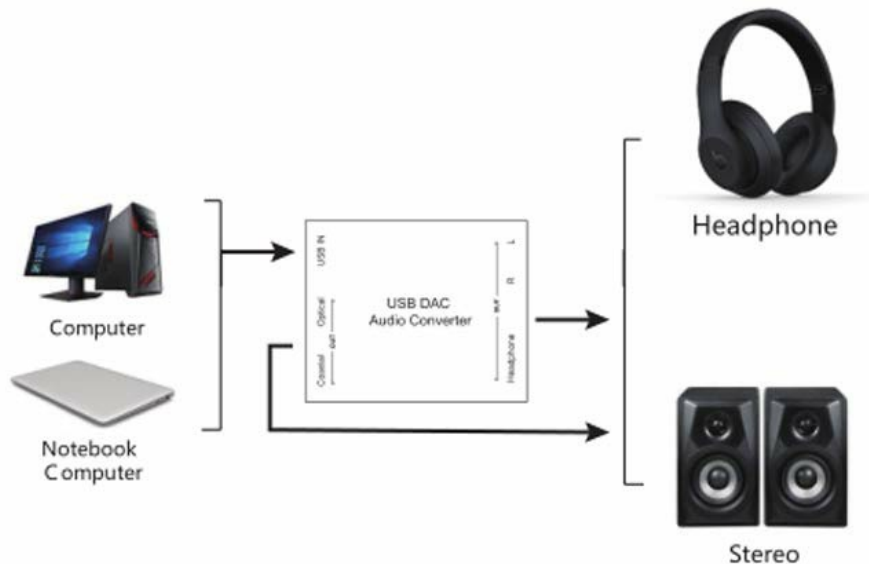


Figure 4.1: Basic connection setup with computer, headphones, and stereo speakers.

Connection Steps:

1. Connect the provided USB cable from the **USB IN** port on the ASHATA GV-023 to an available USB port on your computer (laptop or desktop). The device will power on automatically.
2. Your computer's operating system should automatically detect and install the necessary drivers for basic stereo audio playback.
3. Connect your audio output device (headphones, stereo speakers, amplifier) to the corresponding output port on the converter:
 - For headphones, plug into the **Headphone OUT** (3.5mm jack).
 - For analog stereo speakers or an amplifier, use RCA cables to connect to the **R/L OUT** ports.
 - For digital audio receivers or amplifiers, use an optical cable to the **Optical OUT** or a coaxial cable to the **Coaxial OUT**.
4. Select the ASHATA GV-023 (or similar name) as your default audio output device in your computer's sound

settings.

Important Notes:



Note

- 1. If you want 5.1ch audio output, install the driver on your computer.**
- 2. Connect the USB audio sound card to your USB interface.**
- 3. The computer comes with an attached USB cable.**
- 4. The operating system will automatically detect this new device.**
- 5. Connect the speaker/earphone and microphone to the product.**



Figure 4.2: Setup notes and components.

- For 5.1 channel audio output, specific drivers may be required. Please refer to your computer's or operating system's documentation for driver installation if needed.
- No external power supply is required as the device is powered via the USB connection.

5. OPERATING INSTRUCTIONS

Once connected and configured, operating the ASHATA GV-023 is straightforward.

1. Ensure the converter is properly connected to your computer and audio output device as described in the Setup section.
2. Play audio from your computer. The sound will be routed through the ASHATA GV-023.
3. Adjust the volume using your computer's volume controls or the volume control on your connected audio output device (e.g., headphones, amplifier).
4. To switch between different output types (e.g., headphones, RCA, optical), ensure only one output is actively used at a time or manage your audio settings on your computer if multiple outputs are simultaneously active.

Typical Usage Scenarios:



Figure 5.1: Example connection diagram showing various input and output devices.

- **Computer to Headphones:** Connect your computer to the converter via USB, then plug your headphones into the 3.5mm jack.
- **Computer to Stereo System:** Connect your computer to the converter via USB, then use RCA cables to connect the converter's R/L OUT to your stereo amplifier or active speakers.
- **Computer to Digital Receiver:** Connect your computer to the converter via USB, then use an optical or coaxial cable to connect the converter's digital output to your digital audio receiver.

6. MAINTENANCE

To ensure the longevity and optimal performance of your ASHATA GV-023 USB DAC Audio Converter, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the device. Avoid using liquid cleaners, aerosols, or solvents.
- **Environment:** Keep the device in a dry environment, away from direct sunlight, high temperatures, and humidity.
- **Handling:** Handle the device with care. Avoid dropping it or subjecting it to strong impacts.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place.

7. TROUBLESHOOTING

If you encounter issues with your ASHATA GV-023, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No sound output	• Incorrect audio output device selected on computer. • Loose cable connections. • Volume too low. • Faulty audio cable or output device.	• Ensure the ASHATA GV-023 is selected as the default playback device in your computer's sound settings. • Check all USB and audio cable connections are secure. • Increase volume on your computer and connected audio device. • Test with different audio cables or output devices.
Device not recognized by computer	• Loose USB connection. • Faulty USB port. • Operating system issue.	• Ensure the USB cable is firmly connected to both the converter and the computer. • Try connecting to a different USB port on your computer. • Restart your computer. • For 5.1ch audio, ensure any necessary drivers are installed.
Sound quality is poor or distorted	• Interference. • Incorrect audio settings. • Source audio quality.	• Ensure the device is not placed near sources of electromagnetic interference. • Check your computer's audio settings for sample rate and bit depth. • Verify the quality of the source audio file or stream.

8. SPECIFICATIONS

Brand	ASHATA
Model Number	GV-023 (ASHATAByzagun786)
Product Dimensions (L x W x H)	1 x 1 x 1 cm
Weight	190 grams
Color	Default
Number of Items in Package	1
Mounting Type	Tabletop, Plug Mount
Batteries Included	No
Interface Type	USB
Number of Channels	2
UPC	739879697539

9. WARRANTY AND SUPPORT

For any questions, technical assistance, or after-sales service regarding your ASHATA GV-023 USB DAC Audio Converter, please contact ASHATA customer support. We are committed to providing high-quality service to our customers.

Specific warranty details may vary by region and retailer. Please refer to your purchase documentation for precise warranty terms.

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

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