

Neoteck GV-A016

Neoteck 3.5mm Headphone Amplifier with Bass Boost (Model GV-A016) User Manual

Portable HiFi Headphone Amplifier for 16-600 Ohm Headphones

1. INTRODUCTION

Thank you for choosing the Neoteck 3.5mm Headphone Amplifier with Bass Boost. This portable HiFi amplifier is designed to enhance your audio experience by providing louder, sharper, and more realistic stereo sound without distortion. It features a durable aluminum matte surface, extended battery life, and broad compatibility with various digital devices.

2. IMPORTANT SAFETY INFORMATION

- Do not use the device while charging to avoid potential safety hazards and current interference.
- Avoid exposing the device to extreme temperatures, direct sunlight, or high humidity.
- Do not disassemble or attempt to repair the device yourself. Refer all servicing to qualified personnel.
- Keep the device away from water or other liquids.
- Ensure proper ventilation when using the device.

3. PACKAGE CONTENTS

Please check the package for the following items:

- 1 x Headphone Amplifier
- 1 x USB Power Cable
- 1 x Audio Cable
- 1 x User Manual

High Performance Chipset

A Louder, Sharper and More Real Stereo Sound without Distortion

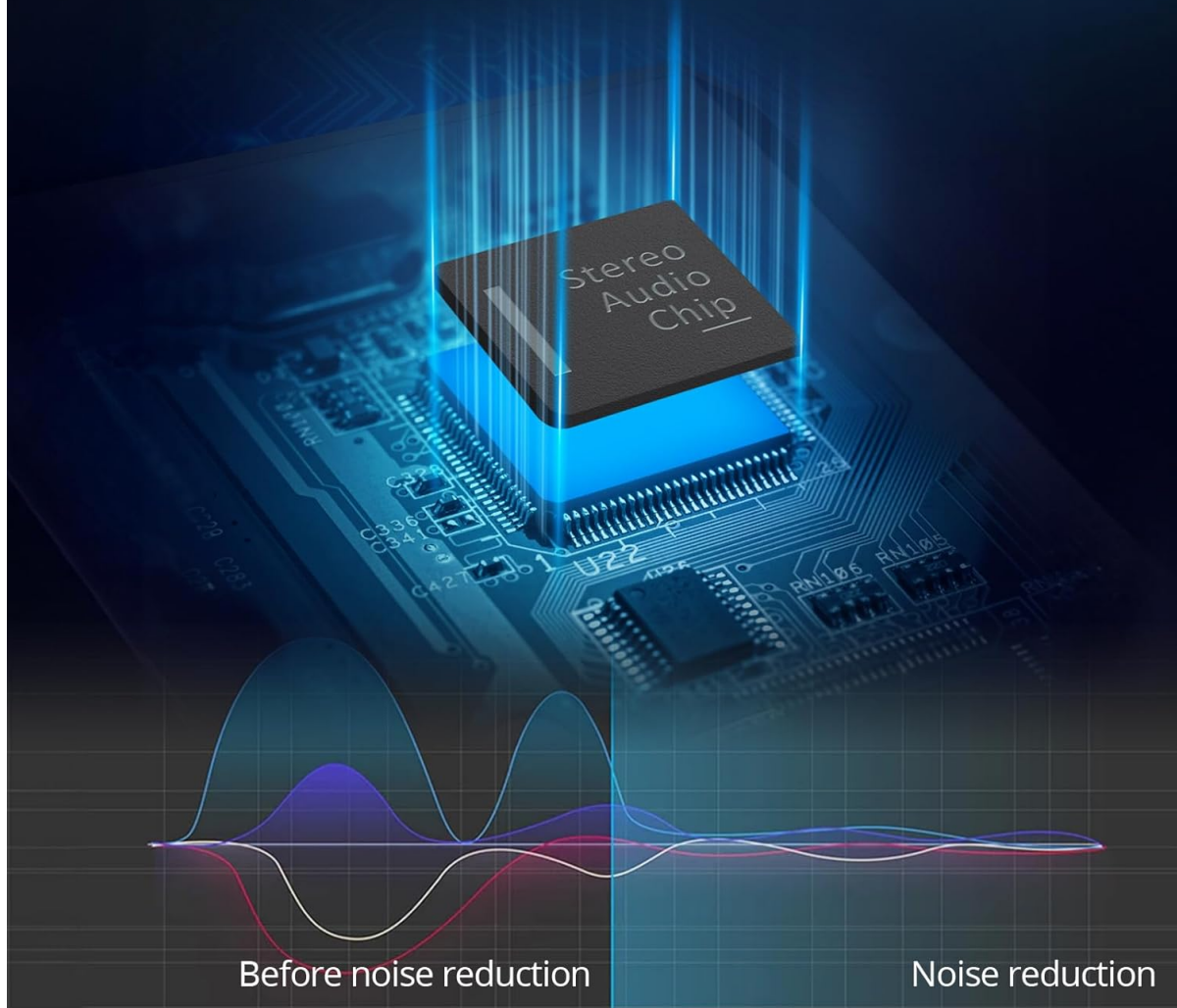


Image: The Neoteck Headphone Amplifier, along with its USB power cable, audio cable, and user manual, neatly arranged in its packaging.

4. PRODUCT OVERVIEW

The Neoteck Headphone Amplifier is designed for portability and high-fidelity sound. Familiarize yourself with its components:



Image: A detailed diagram showing the front and side of the Neoteck Headphone Amplifier. Key components labeled include the Audio 3.5mm Jack, Bass Boost Switch, LED Indicator, ON/OFF Switch Volume Control, Connection for the Sound Source (Audio Input), and Type-C Charging Port.

- **Audio 3.5mm Jack:** For connecting your headphones.
- **Bass Boost Switch:** Toggles the bass enhancement feature.
- **LED Indicator:** Shows power and charging status.
- **ON/OFF Switch Volume Control:** Turns the device on/off and adjusts the audio volume.
- **Connection for the Sound Source (Audio Input):** Connects to your audio source (e.g., phone, laptop).
- **Type-C Charging Port:** For recharging the internal battery.

5. SETUP AND CONNECTION

Follow these steps to set up your Neoteck Headphone Amplifier:

1. **Connect Audio Source:** Use the provided audio cable to connect your audio source (e.g., smartphone, laptop, MP3 player) to the "Connection for the Sound Source (Audio Input)" port on the amplifier.
2. **Connect Headphones:** Plug your headphones into the "Audio 3.5mm Jack" on the amplifier.
3. **Power On:** Rotate the "ON/OFF Switch Volume Control" clockwise to turn on the amplifier. The LED indicator will light up.
4. **Adjust Volume:** Slowly turn the "ON/OFF Switch Volume Control" to your desired listening volume.
5. **Activate Bass Boost (Optional):** Flip the "Bass Boost Switch" to "ON" for enhanced bass performance.

Your browser does not support the video tag.

Video: This video demonstrates the connection process for the Neoteck 16-600 Ohm Portable Headphone Amplifier, showing how to connect it to a laptop and headphones, and how to power it on and adjust volume.



16-600Ω HiFi Headphone Amplifier

with 3.5mm Audio Jack and Bass Boost Switch

3.5mm AUX Input and Output

Bass Boost Switch

- Stronger & Cleaner Bases
- 4.3 Oz Compact and Lightweight
- 8h 8 Hours Working Time

Image: A user connecting the Neoteck Headphone Amplifier to a laptop and then plugging in headphones, illustrating the setup process for enjoying enhanced audio.

6. OPERATING INSTRUCTIONS

6.1 Volume Control

The rotary knob serves as both the power switch and volume control. Turn it clockwise to increase volume and counter-clockwise to decrease volume. Ensure the volume is set to a comfortable level before placing headphones on your ears.

6.2 Bass Boost Function

The Bass Boost Switch allows you to toggle between normal audio and enhanced bass. Flip the switch to "ON" for a more delicate and mellow bass performance, providing a richer and more immersive music experience.

Aluminum Matte Surface, Durable Material

Aluminium alloy shell, the overall shielding can reduce signal interference, heat-resistant performance enhancement



Image: A close-up view of the Neoteck Headphone Amplifier highlighting the Bass Boost Switch and the Volume Control knob, indicating their functions.

6.3 Universal Compatibility

This amplifier is compatible with a wide range of digital devices including MP3 players, iPods, mobile phones, laptops, notebooks/netbooks, and portable CD players. It supports headphones with impedance from 16 to 600 Ohm.

Compatible with a Broad Range of Digital Devices

MP3 players, personal media players, mobile phones, laptops, portable CD players



Image: An illustration demonstrating the Neoteck Headphone Amplifier's compatibility with multiple devices such as MP3 players, mobile phones, and laptops, connecting them to headphones for enhanced audio.

7. CHARGING THE BATTERY

The amplifier features a built-in rechargeable Lithium Polymer battery that provides over 8 hours of uninterrupted use. To charge the device:

1. Connect the provided USB Power Cable to the Type-C Charging Port on the amplifier.
2. Plug the other end of the USB cable into a suitable USB power source (e.g., computer USB port, USB wall adapter).
3. The LED indicator will show the charging status.

Note: It is not recommended to use the amplifier while it is charging due to potential current interference and for safety reasons.

Brings You an Excellent Sound Experience!

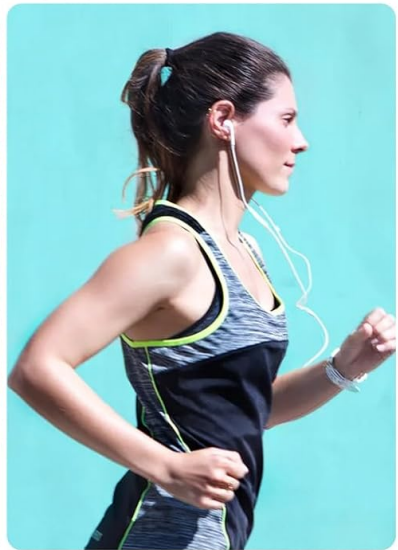
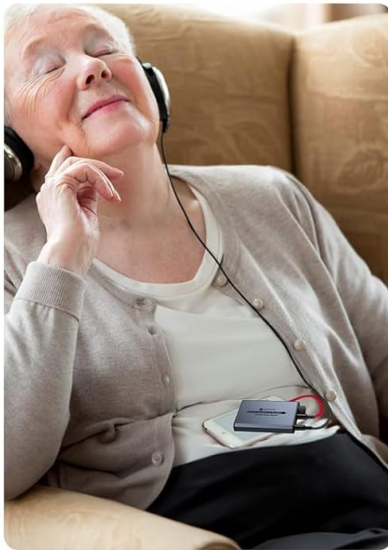
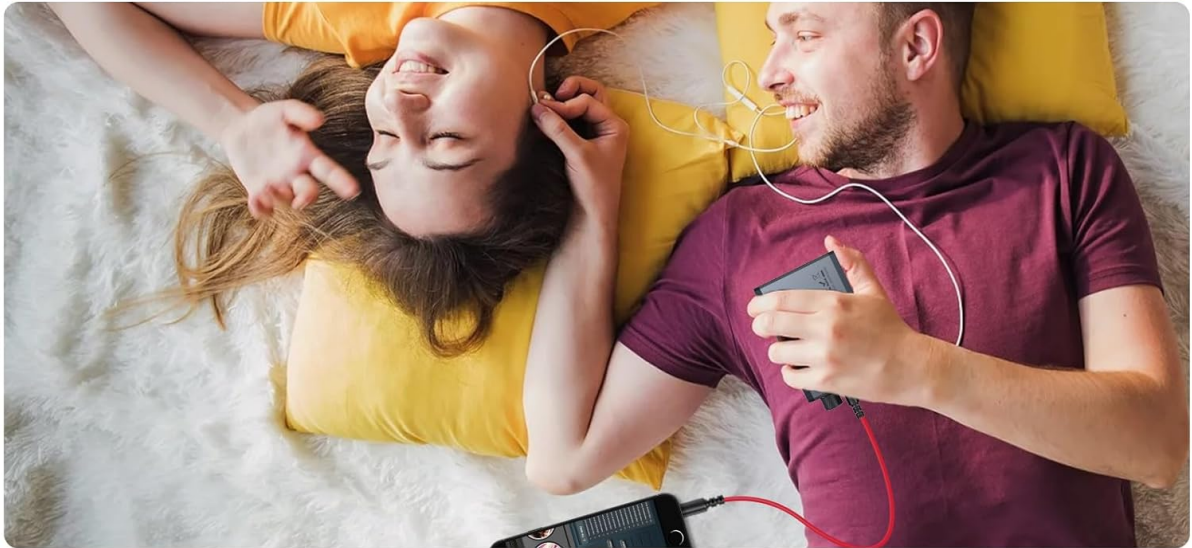


Image: A hand plugging a USB-C charging cable into the Neoteck Headphone Amplifier, demonstrating the charging method for the device.

8. MAINTENANCE

- Clean the device with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Store the amplifier in a cool, dry place when not in use.
- Avoid dropping the device or subjecting it to strong impacts.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output	Device not powered on. Volume too low. Cables not connected properly. Headphones not plugged in. Audio source not playing.	Turn on the amplifier. Increase volume. Check all cable connections. Ensure headphones are securely plugged in. Verify audio playback on your source device.

Problem	Possible Cause	Solution
Distorted sound	Volume too high on amplifier or source. Low battery. Faulty cable.	Reduce volume on both amplifier and source. Charge the amplifier. Try a different audio cable.
Device not charging	USB cable not connected. Faulty USB cable or power source.	Ensure USB cable is securely connected. Try a different USB cable or power source.

10. SPECIFICATIONS

Feature	Detail
Brand	Neoteck
Model	GV-A016
Product Dimensions	9.65 x 1.5 x 6.1 cm
Item Weight	209 g
Battery Cell Composition	Lithium Polymer
Includes Rechargeable Battery	Yes
Headphone Impedance Range	16-600 Ohm
SNR	>100dB
THD+N	0.0005%
Working Time	More than 8 Hours
Charging Port	Type-C
Surface Material	Aluminum Matte

11. WARRANTY AND SUPPORT

Neoteck products come with a standard manufacturer's warranty. For specific warranty details, technical support, or customer service inquiries, please refer to the contact information provided in your product packaging or visit the official Neoteck website. Please retain your proof of purchase for warranty claims.