

AKG K272HD

AKG K 272 HD High-Definition Headphones

USER MANUAL - MODEL: K272HD

Brand: AKG

Introduction

This manual provides comprehensive instructions for the setup, operation, and maintenance of your AKG K 272 HD High-Definition Headphones. Designed for superior audio performance and comfort, these headphones deliver an exceptional listening experience for both personal and professional use. Please read this manual thoroughly to ensure optimal performance and longevity of your product.

Product Overview and Features

The AKG K 272 HD headphones are engineered for high-fidelity sound reproduction and extended comfort. Key features include:

- **Lightweight, Closed-Back Design:** Provides excellent sound isolation and minimizes external noise interference.
- **Ultra-Soft Velvet Ear Pads:** Ensures a comfortable fit for prolonged listening sessions.
- **Self-Adjusting Headband:** Conforms perfectly to your head shape for a secure and comfortable fit without pinching.
- **Gimbal Suspension:** Allows earcups to sit comfortably against the ears.
- **High-Output, Ultralinear Sound:** Ideal for critical listening and professional audio applications.
- **Varimotion Technology:** Features extra-large speakers with diaphragms whose thickness varies, providing crisper, cleaner sound and better control of resonance.
- **Single-Sided, 99%-Oxygen-Free Cable:** Ensures pure sound transmission with minimal signal loss.
- **Gold-Plated Contacts and Plugs:** Resists corrosion and enhances sound clarity for the best connection.



Figure 1: Front view of the AKG K 272 HD headphones, showcasing the earcups and self-adjusting headband.



Figure 2: Side view of the AKG K 272 HD headphones, highlighting the ear pad material and cable connection.



Figure 3: Frontal view of the AKG K 272 HD headphones, showing the overall design and headband structure.

Setup

1. **Unpacking:** Carefully remove the headphones and all accessories from the packaging. Verify that all components listed in the "What's in the Box" section are present.
2. **Connecting to Audio Source:**
 - Locate the 3-meter long cable attached to the left earcup.
 - The cable terminates in a 3.5mm (1/8-inch) jack. Insert this jack into the headphone output of your audio

device (e.g., smartphone, tablet, computer, MP3 player).

- For devices with a 6.35mm (1/4-inch) headphone jack, attach the included 1/4-inch adapter to the 3.5mm jack. Ensure the adapter is securely screwed onto the jack for a stable connection.
- The slim, tapered connector ensures compatibility with a wide range of devices, including various generations of iPhone and other portable audio players.

3. Wearing the Headphones:

- Place the headphones over your ears. The self-adjusting headband will automatically conform to the shape of your head.
- Ensure the ear pads fully enclose your ears for optimal sound isolation and comfort. The "L" and "R" markings on the earcups indicate the left and right channels, respectively.

Operation

Once connected, your AKG K 272 HD headphones are ready for use. Follow these guidelines for an optimal listening experience:

- **Volume Control:** Adjust the volume directly on your audio source. Start with a low volume and gradually increase it to a comfortable listening level. Avoid excessively high volumes to prevent hearing damage.
- **Sound Quality:** These headphones are designed to deliver a wide frequency response (16Hz to 28kHz) with minimal distortion. For the best audio fidelity, use high-quality audio files and sources.
- **Comfort for Extended Use:** The luxurious velvet ear pads and self-adjusting headband are designed for long listening sessions. If you experience discomfort, adjust the headphones slightly on your head.
- **Sound Isolation:** The closed-back design provides passive noise isolation, reducing ambient noise and preventing sound leakage. This makes them suitable for environments where you need to focus on your audio.

Maintenance

Proper care will extend the life and maintain the performance of your headphones:

- **Cleaning Ear Pads:** The velvet ear pads can be gently cleaned with a soft, dry cloth. For stubborn marks, a slightly damp cloth with mild soap can be used, but ensure the pads are completely dry before re-use. The ear pads are replaceable if they become worn.
- **Cleaning the Headband and Housing:** Wipe the headband and earcup housing with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Cable Care:** Avoid sharp bends or excessive pulling on the cable. Store the cable neatly when not in use to prevent tangles and damage.
- **Storage:** When not in use, store the headphones in a clean, dry place, preferably in the included carrying case, to protect them from dust and physical damage.
- **Temperature and Humidity:** Avoid exposing the headphones to extreme temperatures, high humidity, or direct sunlight for prolonged periods.

Troubleshooting

If you encounter issues with your AKG K 272 HD headphones, please refer to the following common solutions:

- **No Sound:**
 - Ensure the headphone jack is fully inserted into the audio source.
 - Check the volume level on your audio device; it might be muted or set too low.
 - Test the headphones with a different audio source to rule out a device issue.

- Inspect the cable for any visible damage or kinks.
- **Distorted Sound:**
 - Reduce the volume on your audio source.
 - Ensure the audio file or source is not of low quality.
 - Check for proper connection of the 1/4-inch adapter if used.
- **Sound Only in One Earcup:**
 - Verify the headphone jack is fully inserted and not partially pulled out.
 - Rotate the jack slightly in the port to ensure good contact.
 - Test with another audio source to determine if the issue is with the headphones or the source device.

If the issue persists after trying these steps, please contact AKG customer support for further assistance.

Specifications

Feature	Detail
Model Name	K 272
Item Model Number	K272HD
Brand	AKG
Connectivity Technology	Wired
Headphones Jack	3.5 mm Jack
Frequency Range	16Hz to 28kHz
Ear Placement	On Ear
Form Factor	Closed-back
Material	Velvet
Color	Gold
Item Weight	1.2 pounds (0.54 kg)
Product Dimensions	8.8 x 4.4 x 9.3 inches (22.35 x 11.18 x 23.62 cm)
UPC	885038021162
Manufacturer	AKG

What's in the Box

The AKG K 272 HD High-Definition Headphones package includes:

- One pair of AKG K 272 HD over-ear headphones with attached 3-meter long cable.
- One 1/4-inch (6.35mm) adapter.
- Carrying case.



Figure 4: The retail packaging for the AKG K 272 HD headphones, indicating the product and model name.

Warranty and Support

AKG products are manufactured to high standards and undergo rigorous quality control. For information regarding warranty coverage, technical support, or service, please refer to the warranty card included with your product or visit the official AKG website. Keep your purchase receipt as proof of purchase for warranty claims.

© 2024 AKG. All rights reserved.

This manual is for informational purposes only. Specifications are subject to change without notice.