AKG K701

AKG K701 Reference Class Premium Headphones User Manual

Model: K701

INTRODUCTION

Thank you for choosing the AKG K701 Reference Class Premium Headphones. These headphones are designed for critical listening and professional audio production, offering accurate sound reproduction and a comfortable fit. This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your K701 headphones. Please read this manual thoroughly before using your headphones to ensure optimal performance and longevity.

SAFETY INFORMATION

To prevent damage to your hearing or the headphones, please observe the following safety guidelines:

- Avoid listening at high volume levels for extended periods. Prolonged exposure to loud sounds can cause permanent hearing damage.
- Do not use the headphones in situations where the inability to hear ambient sounds could be dangerous, such as while driving, cycling, or walking in traffic.
- Keep the headphones away from water and moisture. Do not immerse them in liquid.
- Do not attempt to disassemble or modify the headphones. This may void the warranty and could result in damage.
- Clean the headphones only with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.

PACKAGE CONTENTS

Verify that all items are present in your package:

- AKG K701 Reference Class Premium Headphones
- Integrated Audio Cable (non-detachable)
- 6.3mm (1/4 inch) Screw-on Adapter
- Headphone Stand (may be included with specific model variants)

SETUP

Follow these steps to set up your AKG K701 headphones:

1. **Unpack the Headphones:** Carefully remove the headphones and all accessories from their packaging.

2. **Connect to Audio Source:** The K701 headphones feature a non-detachable cable terminated with a 3.5mm (1/8 inch) stereo jack.
   - For devices with a 3.5mm audio output (e.g., portable music players, computers), plug the 3.5mm jack directly into the audio output port.
   - For devices with a 6.3mm (1/4 inch) audio output (e.g., studio equipment, home audio receivers), screw the included 6.3mm adapter onto the 3.5mm jack, then plug it into the audio output port. Ensure the adapter is securely fastened.

Figure 2: Front view of the K701 headphones, highlighting the earcups and headband.

3. **Adjust for Comfort:** The K701 headphones feature a self-adjusting padded genuine-leather headband. Simply place the headphones on your head, and the headband will automatically adjust to provide a comfortable fit. The earcups are designed to sit over your ears.

Figure 3: Side view of the K701 headphones, showing the self-adjusting headband mechanism.

OPERATING INSTRUCTIONS

The AKG K701 headphones are passive and do not require power. Operation is straightforward:

1. **Wear the Headphones:** Place the headphones on your head so that the earcups fully enclose your ears. The "L" (Left) and "R" (Right) indicators are located on the inside of the headband near the earcup attachment points. Ensure correct orientation for optimal stereo imaging.

2. **Adjust Volume:** Control the listening volume directly from your connected audio source (e.g., amplifier, computer, music player). Start with a low volume and gradually increase it to a comfortable listening level.

3. **Open-Back Design:** The K701 features an open-back design, which provides a wide soundstage and natural sound reproduction. Be aware that this design allows sound to leak out and ambient sound to enter, making them ideal for quiet listening environments rather than noisy public spaces.

MAINTENANCE

Proper care will help maintain the performance and appearance of your headphones:

- **Cleaning:** Use a soft, dry, lint-free cloth to wipe the surfaces of the headphones. For the ear pads, a slightly damp cloth can be used, but ensure they are completely dry before use. Do not use cleaning sprays directly on the headphones.

- **Storage:** When not in use, store the headphones in a clean, dry place, away from extreme temperatures and direct sunlight. If a headphone stand was included, utilize it for proper storage to prevent cable damage and maintain shape.

Figure 4: K701 headphones stored on an optional stand.

- **Cable Care:** Avoid sharply bending or twisting the cable. Do not pull on the cable to disconnect it from an audio source; always grasp the plug itself.

TROUBLESHOOTING

If you encounter issues with your K701 headphones, refer to the following common problems and solutions:

Problem	Possible Cause / Solution

Problem	Possible Cause / Solution
No sound or low volume	• **Cause:** Cable not fully plugged in. **Solution:** Ensure the 3.5mm jack (or 6.3mm adapter) is securely connected to the audio source. • **Cause:** Audio source volume too low or muted. **Solution:** Increase the volume on your audio source. Check if the source is muted. • **Cause:** Incorrect audio output selected on source device. **Solution:** Verify that the correct audio output is selected in your device's sound settings. • **Cause:** Faulty cable or adapter. **Solution:** Test with another audio source or cable/adapter if possible.
Distorted sound	• **Cause:** Volume too high on audio source. **Solution:** Reduce the volume on your audio source. • **Cause:** Poor audio source quality. **Solution:** Test with a different audio source or higher quality audio files. • **Cause:** Damaged headphone driver. **Solution:** If distortion persists across multiple sources and volumes, contact customer support.
Sound only in one earcup	• **Cause:** Cable not fully plugged in. **Solution:** Ensure the cable is fully inserted into the audio source. • **Cause:** Audio source balance setting. **Solution:** Check the audio balance settings on your source device. • **Cause:** Damaged cable or earcup. **Solution:** If the issue persists, contact customer support.

SPECIFICATIONS

Key technical specifications for the AKG K701 headphones:

Feature	Detail
Model Name	K701
Ear Placement	Over Ear
Form Factor	Over Ear
Connectivity Technology	Wired
Headphones Jack	3.5 mm Jack (with 6.3mm adapter)
Impedance	62 Ohm

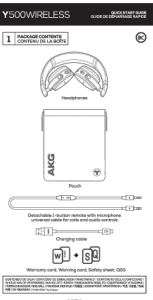| Feature	Detail
Frequency Range	10 Hz to 39.8 kHz
Audio Driver Type	Dynamic Driver (with Varimotion two-layer diaphragm)
Wattage	200 Milliwatts
Item Weight	8.3 ounces (235 grams)
Product Dimensions	4.45 x 7.84 x 8.35 inches
Material	Plastic, Genuine Leather (headband)
Special Feature	Adjustable Headband
Color	White

WARRANTY AND SUPPORT

AKG products are manufactured to high standards and are backed by a limited warranty. For specific warranty terms and conditions applicable to your region, please refer to the warranty card included with your product or visit the official AKG website.

For technical support, service, or further assistance, please contact AKG customer service through their official website or the contact information provided in your product documentation.

Online Support: www.akg.com/support

Related Documents - K701

[AKG Y500 WIRELESS Headphones: Quick Start Guide](#)
Get started with your AKG Y500 WIRELESS headphones. This guide covers package contents, overview of buttons and connections, Bluetooth pairing, music and call controls, Ambient Aware and Voice Assistant features, device switching, auto-play/pause functionality, LED behavior, and technical specifications.

[AKG N9 HYBRID Wireless Headphones Quick Start Guide](#)
Get started with your AKG N9 HYBRID wireless headphones. This guide covers setup, connection, app integration, controls, and technical specifications for a seamless audio experience.

[AKG Headphones: Safety Instructions and Warranty Information](#)
Download essential safety instructions and warranty information for AKG headphones. Learn about product registration, safe usage, and proper disposal.

	[AKG N5 Hybrid Quick Start Guide](#) Get started with your AKG N5 Hybrid true wireless noise cancelling earbuds. This guide provides essential information on pairing, app integration, controls, and technical specifications for an optimal listening experience.
	[AKG N9 ANC BLACK Headphones User Manual](#) Discover the AKG N9 ANC BLACK headphones, featuring active noise cancellation, hybrid connectivity, and advanced controls. This guide covers setup, usage, and features.
	[AKG C535 EB Reference Condenser Vocal Microphone - User Manual](#) Comprehensive user manual for the AKG C535 EB Reference Condenser Vocal Microphone, covering features, applications, technical specifications, and servicing. Learn how to use and maintain your professional condenser microphone.