

## AKG K275

# AKG K275 Professional Studio Headphones User Manual

Model: K275

## INTRODUCTION

The AKG K275 are over-ear, closed-back, foldable studio headphones designed for professional critical listening applications such as studio recording or live mixing. Featuring large 50mm transducers, these headphones deliver superior studio-quality sound with extended low-frequency reproduction and detailed bass. The ergonomic design, durable all-metal hinge, and slow-retention foam ear pads ensure a comfortable fit even during long sessions, while also providing excellent acoustic isolation.

## FEATURES

- **Largest-in-class 50mm Transducers:** Provides greater low-frequency extension and detailed bass reproduction.
- **Superior Sensitivity and Low Impedance (32 Ohms):** Allows for maximum output with a broad range of playback devices, including mobile phones, without requiring an amplifier.
- **Foldable, Ergonomic Design:** Features an innovative three-axis hinge for easy portability and storage in tight spaces.
- **Durable All-Metal Hinge:** Designed for longevity and resilience against the demands of mobile lifestyles.
- **Slow-Retention Foam Ear Pads:** Ensures a comfortable, secure fit that maximizes acoustic isolation for critical listening.
- **Self-Adjusting Headband:** Provides an instant, perfect fit with every use.
- **Sound Isolation:** Closed-back design minimizes external noise interference.

## WHAT'S IN THE BOX

- AKG K275 Over-Ear, Closed-Back, Foldable Studio Headphones
- Detachable Coiled Cable (5m) with Mini-XLR to 3.5mm (1/8") Jack Plug
- 6.3mm (1/4") Screw-on Adapter
- Carry Bag (Nylon or similar material, Black)

## SETUP

1. **Unfold the Headphones:** Gently unfold the headphones from their compact, folded position. The all-metal hinges allow for smooth movement.
2. **Connect the Audio Cable:** Insert the Mini-XLR end of the coiled cable into the designated port on the left earcup of the headphones. Ensure it clicks securely into place.
3. **Connect to Audio Source:**
  - For devices with a 3.5mm (1/8") audio jack (e.g., smartphones, laptops), connect the 3.5mm end of the cable directly.
  - For devices with a 6.3mm (1/4") audio jack (e.g., audio interfaces, mixing consoles), screw the provided 6.3mm adapter onto the 3.5mm plug before connecting.
4. **Adjust the Headband:** Place the headphones on your head. The self-adjusting headband will automatically conform to your head shape for an optimal fit.
5. **Position Ear Pads:** Ensure the slow-retention foam ear pads fully enclose your ears for maximum comfort and sound isolation. The 'L' and 'R' markings inside the earcups indicate left and right channels.



Image: A person wearing AKG K275 headphones, adjusting them over their ears. This illustrates the over-ear design and how the headphones are worn.

## Setup Overview Video

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Video: An overview of the AKG K275 headphones, demonstrating their physical features, cable connection, and design elements. This video provides a visual guide to the product's build and initial setup.

## OPERATING INSTRUCTIONS

- Powering On/Off:** As wired headphones, the K275 do not require external power or batteries. They are operational once connected to an active audio source.
- Volume Control:** Adjust the volume directly from your connected audio source (e.g., computer, smartphone, audio interface).
- Sound Isolation:** The closed-back design provides passive noise isolation. Ensure a snug fit to maximize this feature, reducing external distractions and preventing sound leakage.
- Critical Listening:** For studio recording or mixing, ensure your audio source is calibrated correctly. The K275's neutral sound profile is designed for accurate audio reproduction.

## MAINTENANCE

- Cleaning Ear Pads:** Gently wipe the ear pads with a soft, damp cloth. Avoid harsh chemicals or abrasive materials. Allow to air dry completely before use.
- Cable Care:** Store the coiled cable neatly to prevent tangling and damage. Avoid sharp bends or excessive pulling.
- General Cleaning:** Use a dry, soft cloth to wipe down the headband and earcups.
- Storage:** When not in use, fold the headphones and store them in the provided carry bag to protect them from dust and physical damage.

## TROUBLESHOOTING

- No Sound:**
  - Ensure the audio cable is securely connected to both the headphone's left earcup and the audio source.
  - Check the volume level on your audio source.
  - Test the headphones with a different audio source or cable to rule out component failure.
- Poor Sound Quality / Distortion:**
  - Verify the audio cable connections are firm.
  - Reduce the volume on your audio source if distortion occurs at high levels.
  - Ensure the audio source is playing high-quality audio files.
- Discomfort / Poor Fit:**
  - Allow the self-adjusting headband to settle.
  - Ensure ear pads fully encompass your ears without pinching.
  - Consider aftermarket ear pads if the stock ones do not provide adequate comfort for extended use.

## SPECIFICATIONS

Feature	Detail
Design	Closed-back, foldable, over-ear headphones

Frequency Range	16 Hz – 28 kHz
Sensitivity	109 dBspl/V
Input Impedance	32 Ohms
Net Weight (without cable)	295 Grams (10.4 ounces)
Cable	5m coiled, detachable, Mini-XLR to 3.5mm (1/8") jack plug
Main Connection	3.5 mm (1/8") jack plug with 6.3 mm (1/4") screw-on adapter
Audio Driver Type	Dynamic Driver
Audio Driver Size	50 Millimeters
Ear Placement	Over Ear
Noise Control	Sound Isolation
Material	Metal, Slow-retention foam
Water Resistance Level	Not Water Resistant

## WARRANTY AND SUPPORT

AKG products are covered by a manufacturer's warranty. For detailed information regarding warranty terms, conditions, and support options, please refer to the warranty card included in your product packaging or visit the official AKG website. Keep your proof of purchase for warranty claims.