

keephifi KZ6950

KZ Castor In-Ear Monitor Headphones User Manual

Model: KZ6950

Brand: keephifi

INTRODUCTION

The KZ Castor In-Ear Monitor Headphones are designed for audio enthusiasts, musicians, and gamers seeking high-fidelity sound reproduction and customizable audio experiences. Featuring an innovative dual-dynamic driver structure and advanced tuning capabilities, these IEMs deliver precise and immersive sound. This manual provides comprehensive instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your KZ Castor headphones.

WHAT'S IN THE BOX

- 1 Pair of KZ Castor In-Ear Monitor Headphones
- 1 Detachable 2PIN-C Cable
- 1 User Manual (this document)
- 2 Pairs of Replacement Silicone Eartips

PRODUCT OVERVIEW

The KZ Castor headphones are engineered with an innovative dual-dynamic driver acoustic design, aiming for a Harman FR curve sound. The top and bottom stacked cavity structure provides ample space for sound vibration, ensuring phenomenal acoustics. The headphones are available in two versions: a Harman Target Version and a Harman Target with Improved Bass Version.



Front view of the KZ Castor In-Ear Monitor Headphones in Castor-black, showcasing the sleek design and transparent housing.



Close-up view of the KZ Castor headphones, highlighting the tuning switches on the side for sound customization.

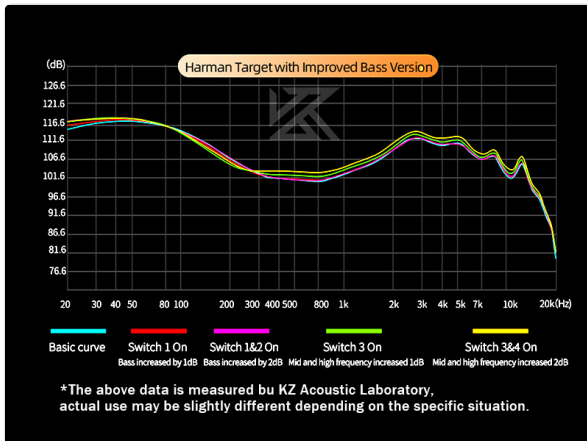
Key Features:

- **Innovative Dual Dynamic Drivers Structure:** Adopts a unique top and bottom stacked cavity design for enhanced acoustic performance.
- **Exquisite Workmanship:** Integrated injection molding process ensures precision of internal support structure (around 0.01mm). Features an alloy face cap for a classical and elegant finish.
- **Tuning Adjustable:** Equipped with professional acoustic filters supporting 2-stage adjustments for higher frequency, allowing users to create up to 16 different audio profiles.
- **Excellent Sound Performance:** Delivers a wide soundstage with revealing treble, good mids, and impactful bass, outperforming many IEMs in its class.
- **Detachable 2PIN-C Cable:** Provides flexibility for cable replacement and upgrade.

Product Design Details:



Detailed diagram illustrating the top and bottom stacked cavity structure of the dual dynamic drivers (2DD) within the KZ Castor headphones.



Visual representation of the Harman Target Version of the KZ Castor headphones, emphasizing its tuning target for balanced sound.

Official Product Video:

Your browser does not support the video tag.

Official product video showcasing the KZ Castor In-Ear Monitor Headphones and their features.

SETUP

1. Attaching the Cable:

The KZ Castor headphones feature a detachable 2PIN-C cable. Carefully align the pins on the cable with the corresponding sockets on each earbud. Gently push the cable connector into the earbud until it clicks securely into place. Ensure the left (L) and right (R) indicators on the cable match the respective earbuds.

2. Selecting Ear Tips:

The package includes multiple pairs of silicone ear tips. Choose the size that provides a comfortable and secure fit in your ear canal. A proper seal is crucial for optimal sound quality and noise isolation. Experiment with different sizes to find the best fit for your ears.

3. Wearing the Headphones:

Place the earbud into your ear canal, ensuring a snug fit. The cable is designed to loop over the top of your ear for added stability and comfort. Adjust the cable behind your ear until it feels secure and comfortable.

4. Tuning Adjustment:

The KZ Castor headphones are equipped with professional acoustic filters that support 2-stage adjustments for

higher frequency. These small switches are located on the side of each earbud. Use a small tool (like a toothpick or the included tool, if any) to adjust the switches according to your preferred sound profile. Refer to the diagram below for common tuning configurations:



Frequency response curves demonstrating the effect of different tuning switch settings on the sound profile. Users can fine-tune their sound preferences to create 16 different audio profiles.

The specific impact of each switch may vary slightly between the Harman Target Version and the Improved Bass Version. Experiment to find your ideal sound.

OPERATING

Once set up, connect the 3.5mm audio jack of the cable to your audio source (smartphone, tablet, computer, gaming console, etc.). Ensure the connection is secure. Adjust the volume on your audio device to a comfortable listening level. The in-ear design provides passive noise isolation, enhancing your listening experience.

Audio Profiles:

Leverage the tuning switches to customize your audio experience. For example, if you have the Improved Bass Version, you can adjust switches to increase bass or mid/high frequencies as shown in the tuning diagram in the Setup section. Experiment with different combinations to match various music genres or listening preferences.

MAINTENANCE

Cleaning:

- Regularly remove the silicone ear tips and clean them with mild soap and water. Allow them to dry completely before reattaching.
- Gently wipe the earbud housings and cable with a soft, dry cloth to remove any dust or debris.
- Do not use harsh chemicals or abrasive materials for cleaning.

Storage:

When not in use, store your KZ Castor headphones in the provided carrying case to protect them from dust, moisture, and physical damage. Avoid tangling the cable by coiling it neatly before storage.

TROUBLESHOOTING

- **No Sound:**
 - Ensure the 3.5mm audio jack is fully inserted into your device.
 - Check if the detachable 2PIN-C cable is securely connected to both earbuds.
 - Verify the volume level on your audio source is not muted or too low.
 - Test the headphones with a different audio source to rule out device issues.
- **Poor Sound Quality / Muffled Sound:**
 - Ensure the ear tips provide a proper seal in your ear canal. Try different sizes.
 - Check for any debris or earwax buildup in the earbud nozzles. Clean carefully if necessary.
 - Verify the tuning switches are set to your desired profile.
- **Earbuds Falling Out:**
 - Ensure you are using the correct size ear tips for a snug fit.
 - Make sure the cable is properly looped over your ear for stability.

SPECIFICATIONS

Feature	Description
Model Name	KZ CASTOR
Item Model Number	KZ6950
Brand	keephifi
Connectivity Technology	Wired
Headphones Jack	3.5 mm Jack
Cable Feature	Detachable (2PIN-C)
Cable Length	120 ± 5 cm
Frequency Range	20-40000Hz
Impedance (Harman Target Version)	31-35Ω
Impedance (Improved Bass Version)	16-20Ω
Noise Control	Sound Isolation
Material	Plastic
Item Weight	2.11 ounces
Compatible Devices	Laptops, Desktops, Tablets, Cellphones, Music Production Equipment

WARRANTY & SUPPORT

Keephifi Audio is the legal distributor for KZ products. You will receive a replacement for any defective reasons during the 18-month warranty period. For any questions or support needs, please contact us directly. Visit the official keephifi store for more information:[keephifi Store](#)

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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