

KZ KZ-ZAX

KZ ZAX In-Ear Monitor Headphones User Manual

Model: KZ-ZAX

1. INTRODUCTION

The KZ ZAX In-Ear Monitor Headphones are designed for high-fidelity audio reproduction, featuring a hybrid driver configuration for a balanced sound profile. These monitors are crafted with a durable zinc alloy shell and come with a detachable silver-plated cable, ensuring both performance and longevity.

Key features include:

- **Hybrid Driver Technology:** Equipped with 1 dynamic driver and 7 balanced armature drivers per earphone, totaling 16 drivers for detailed sound across the frequency spectrum.
- **Premium Construction:** The zinc alloy shell features a pearl chrome plating, designed to resist oxidation and maintain its aesthetic appeal over time.
- **High-Purity Cable:** Includes a standard high-purity silver-plated oxygen-free copper cable with a 4-strand, 25-core design to minimize distortion and ensure clear audio transmission.
- **Advanced Dynamic Unit:** Features a dual magnetic circuit composite dynamic unit with a 10mm PEK spring diaphragm for powerful and precise bass response.
- **Optimized Balanced Armature Combination:** A specially developed 50024 BA combination effectively covers the medium and high-frequency ranges, enhancing vocal clarity and treble detail.

2. PACKAGE CONTENTS

Please check the package for the following items:

- KZ ZAX In-Ear Monitor Headphones (1 pair)
- Detachable 2-pin 0.75mm Silver-Plated Cable (1)
- Silicone Ear Tips (various sizes)
- User Manual (this document)



Image: Contents of the KZ ZAX In-Ear Monitor Headphones package, showing the earphones, detachable cable, and multiple sets of silicone ear tips.

3. SETUP INSTRUCTIONS

3.1. Attaching the Cable

1. Identify the left (L) and right (R) earpieces and the corresponding connectors on the detachable cable. The cable connectors are typically marked with 'L' and 'R'.
2. Align the 2-pin connector on the cable with the receptacle on the earpiece. Ensure the pins are correctly oriented.
3. Gently push the cable connector into the earpiece until it is securely seated. Do not force the connection.
4. Repeat for the other earpiece.

3.2. Selecting and Installing Ear Tips

Proper ear tip selection is crucial for sound quality and comfort. Experiment with the included ear tip sizes to find the best fit for your ears. A good seal provides optimal bass response and noise isolation.

1. Gently remove the pre-installed ear tips (if any) by twisting and pulling them off the nozzle.
2. Select a pair of ear tips that feel comfortable and create a good seal in your ear canal.
3. Push the chosen ear tip onto the nozzle of the earpiece, ensuring it is fully seated and secure.

3.3. Wearing the Earphones

The KZ ZAX earphones are designed to be worn with the cable looped over the ear for a secure and comfortable fit.

1. Insert the earpiece into your ear canal.
2. Guide the cable over the top of your ear, allowing it to rest comfortably behind your ear.
3. Adjust the earpiece and cable until you achieve a snug fit and the cable is not pulling on your ear.

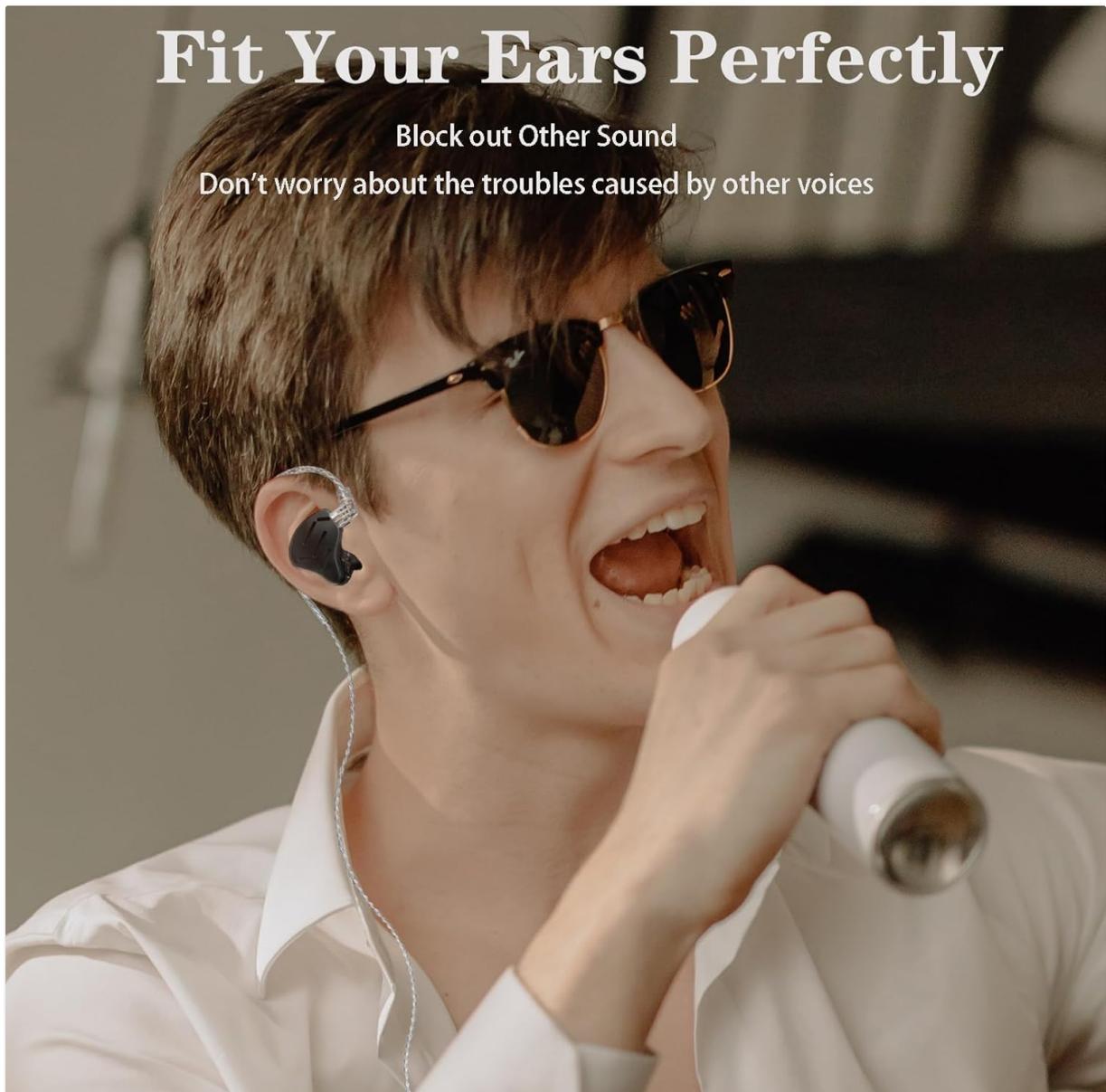


Image: A person demonstrating the correct way to wear the KZ ZAX in-ear monitors, with the cable routed over the ear for stability.

4. OPERATING INSTRUCTIONS

4.1. Connecting to an Audio Source

The KZ ZAX earphones connect to audio devices via a standard 3.5mm jack.

1. Plug the 3.5mm jack of the cable into the headphone output of your audio device (e.g., smartphone, digital audio player, amplifier).
2. Ensure the connection is firm.

4.2. Listening to Audio

- Start audio playback on your connected device.
- Adjust the volume on your audio device to a comfortable listening level. Avoid excessively high volumes to prevent hearing damage.

5. MAINTENANCE

5.1. Cleaning the Earphones and Ear Tips

- Regularly clean the ear tips with a soft, damp cloth to remove earwax and debris. Ensure ear tips are completely dry before reattaching.
- Use a dry, soft cloth to wipe down the earpiece shells and cable. Avoid using harsh chemicals or abrasive materials.
- Periodically check the earpiece nozzles for any obstructions and gently clear them with a small, soft brush if necessary.

5.2. Cable Care

- Avoid sharply bending or twisting the cable, especially near the connectors, to prevent internal damage.
- When disconnecting the cable from the earpieces, grasp the connector housing, not the cable itself.

5.3. Storage

When not in use, store your KZ ZAX earphones in a clean, dry place, preferably in a protective case, to prevent damage from dust, moisture, and physical impact.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound or intermittent sound	Cable not fully connected. Incorrect ear tip fit. Audio source volume too low or muted. Damaged cable or earpiece.	Ensure cable is securely attached to both earpieces and the audio source. Adjust ear tips for a proper seal. Increase volume on your audio device and check for mute settings. Test with another cable or audio device. If problem persists, contact support.

Problem	Possible Cause	Solution
Poor sound quality (e.g., weak bass, muffled sound)	Improper ear tip fit. Earwax or debris in the nozzle. Low-quality audio source.	Ensure a tight seal with appropriate ear tips. Clean the earpiece nozzles. Try a different audio source or higher quality audio files.
Earphones fall out easily	Incorrect ear tip size. Improper wearing technique.	Try a larger size of ear tips. Ensure the cable is looped over the ear correctly for added stability.

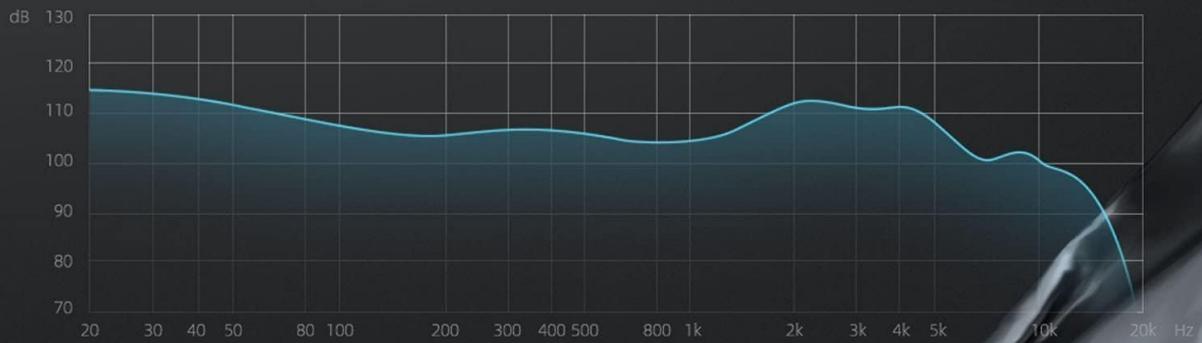
7. SPECIFICATIONS

Brand	KZ (G.K)
Model Name	KZ-ZAX
Ear Placement	In Ear
Form Factor	In Ear
Impedance	24 Ohms
Frequency Response	10 Hz - 40 kHz
Sensitivity	113 dB
Audio Driver Type	Hybrid Driver (1 Dynamic + 7 Balanced Armature)
Connectivity Technology	Wired (3.5mm Jack)
Cable Type	Detachable 2-pin 0.75mm Silver-Plated Cable
Noise Control	Sound Isolation
Enclosure Material	Metal (Zinc Alloy)
Item Weight	27 Grams

The Advantages Of Hybrid Technology

Low frequency Mid-frequency High frequency Ultra-high frequency

ZAX partial frequency band curve display



*The above data are measured by KZ Acoustics Laboratory.
Actual use may vary slightly depending on the situation.



Image: Frequency response curve illustrating the audio performance of the KZ ZAX earphones across different frequencies.

High-Definition Hybrid 8 Drivers

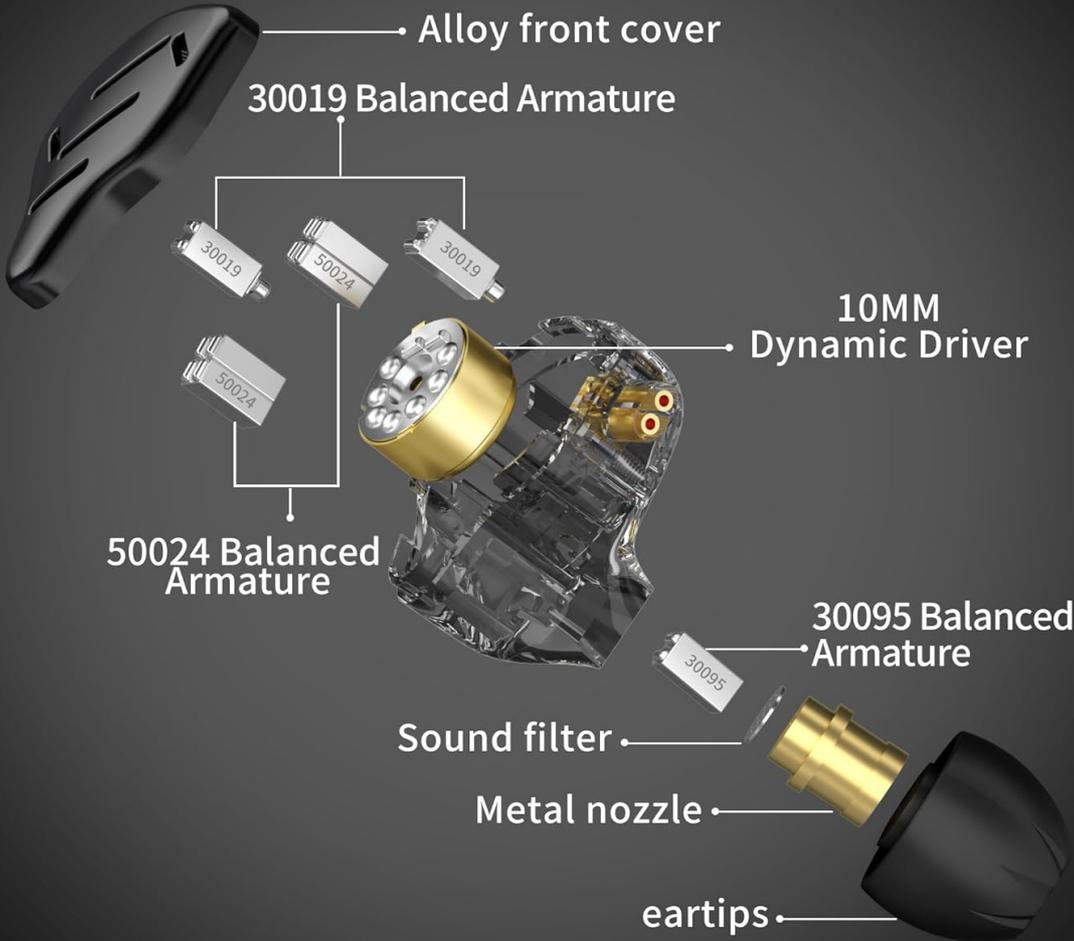


Image: Exploded view diagram detailing the 1 dynamic and 7 balanced armature drivers, sound filter, metal nozzle, and ear tips within the KZ ZAX earphone.

Reconstructed Acoust Cavity Structure

You could conceivably not notice the apocalypse
if you had it on.



Image: Detailed view of the reconstructed acoustic cavity structure of the KZ ZAX earphones, highlighting their internal design.

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or contact the retailer/manufacturer directly. Keep your proof of purchase for any warranty claims.