

[Manuals.plus](#) /

› [KZ](#) /

› KZ AS24 Pro 24BA In-Ear Monitor Headphone User Manual

KZ AS24 Pro

KZ AS24 Pro 24BA In-Ear Monitor Headphone User Manual

Model: AS24 Pro

INTRODUCTION

The KZ AS24 Pro is a high-performance in-ear monitor (IEM) designed for professional audio applications, including studio recording, mixing, and critical listening. It features a 24-balanced armature (BA) driver configuration, advanced DLP 3D printing technology for precise acoustic structures, and an 8-level tuning switch for customized sound adjustments. This manual provides essential information for the proper setup, operation, and maintenance of your AS24 Pro IEMs.

KZ-AS24 Pro

Never Ceasing to Explore the Pinnacle of Sound Quality

- 4x 31736 high-frequency/ultra-high-frequency BA array
- 2x 29689 mid-frequency BA
- 1x 22955 low-frequency BA
- 1x 30019 high-frequency BA
- Four-stage toggle switch filter tuning
- High-precision sound channel structure
- DLP 3D Printing Technology



Figure 1: KZ AS24 Pro In-Ear Monitor Headphone. This image displays the exterior design of the AS24 Pro IEM, highlighting its ergonomic shape and aesthetic details.

PACKAGE CONTENTS

Verify that all items are present in the package:

- KZ AS24 Pro In-Ear Monitor Headphone units
- Detachable Silver-plated Cable (3.5 mm jack)
- Silicone Ear Tips (various sizes)
- User Manual (this document)

Simple, practical and environment-friendly packaging

We believe that products do not need to be packaged in luxury, because the actual performance of products can not be presented in packaging. We advocate environmental protection, but we will not make high profits in the name of environmentalism, which has been one of the beliefs of KZ since its founding.



Figure 2: KZ AS24 Pro Package Contents. This image shows the AS24 Pro IEMs, detachable cable, various ear tips, and user manual as they appear in the product packaging.

SETUP

1. **Select Ear Tips:** Choose the silicone ear tips that provide the best seal and comfort for your ears. A proper seal is crucial for optimal sound quality and bass response. Experiment with different sizes.
2. **Connect the Cable:**
 - Identify the left (L) and right (R) earpieces and cable connectors.
 - Align the cable connectors with the sockets on the IEMs. The connectors are typically 0.75mm gold-plated.
 - Gently push the cable connectors into the IEM sockets until they are secure. Do not force them.
3. **Insert IEMs:**
 - Insert the IEMs into your ear canals. The ergonomic design is intended to sit snugly and securely.
 - Route the cable over your ear for a secure fit and to minimize microphonics (cable noise).

4. **Connect to Audio Source:** Plug the 3.5mm jack of the cable into your audio device (e.g., smartphone, digital audio player, audio interface).

We've redesigned the acoustic structure of the AS24 PRO, housing a total of 24 balanced armature drivers within its compact enclosure. Each driver is meticulously tuned for a HiFi sound signature.

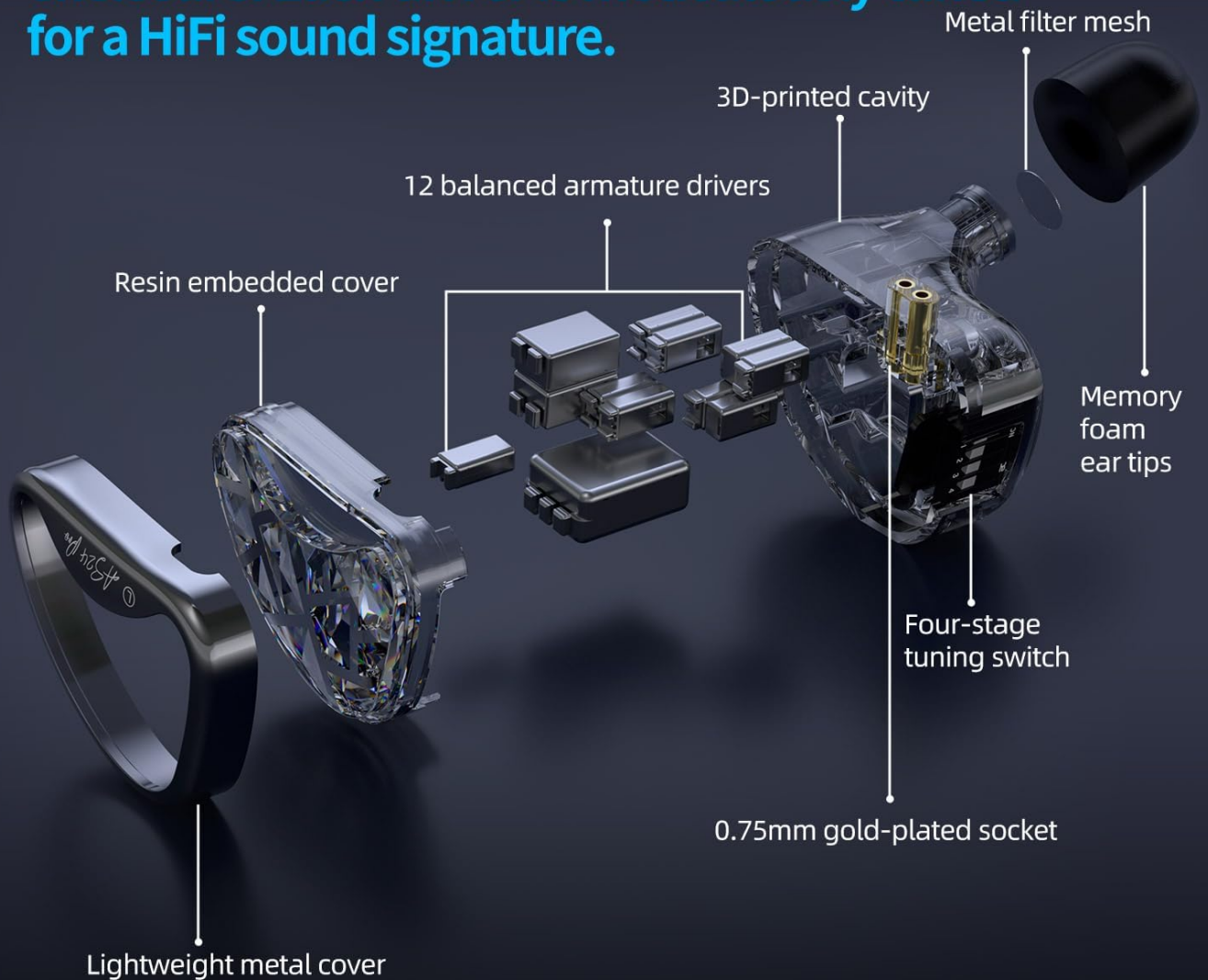


Figure 3: Exploded view of the KZ AS24 Pro. This diagram illustrates the internal components, including the 12 balanced armature drivers, 3D-printed cavity, resin embedded cover, lightweight metal cover, four-stage tuning switch, 0.75mm gold-plated socket, metal filter mesh, and memory foam ear tips.

OPERATING INSTRUCTIONS

Once properly set up, the KZ AS24 Pro IEMs are ready for use. Ensure your audio source is at a low volume before playing any audio to prevent hearing damage.

Volume Control

Adjust the volume directly from your connected audio source. The AS24 Pro does not feature inline volume controls.

Tuning Switch Adjustment

The AS24 Pro features an 8-level tuning switch, allowing for customized sound adjustments. This electronic filter system provides precise control over different frequency bands. Use a small tool (e.g., a SIM ejector tool or a toothpick) to carefully adjust the switches located on the IEM body.

- **Switch 1:** Adjusts low frequency (1 level).
- **Switch 1+2:** Adjusts low frequency (2 levels).
- **Switch 3:** Reduces ultra-high frequency (1 level).
- **Switch 3+4:** Reduces ultra-high frequency (2 levels).

Experiment with different switch combinations to find your preferred sound signature. Refer to the frequency response graph for visual guidance on the effects of each switch setting.

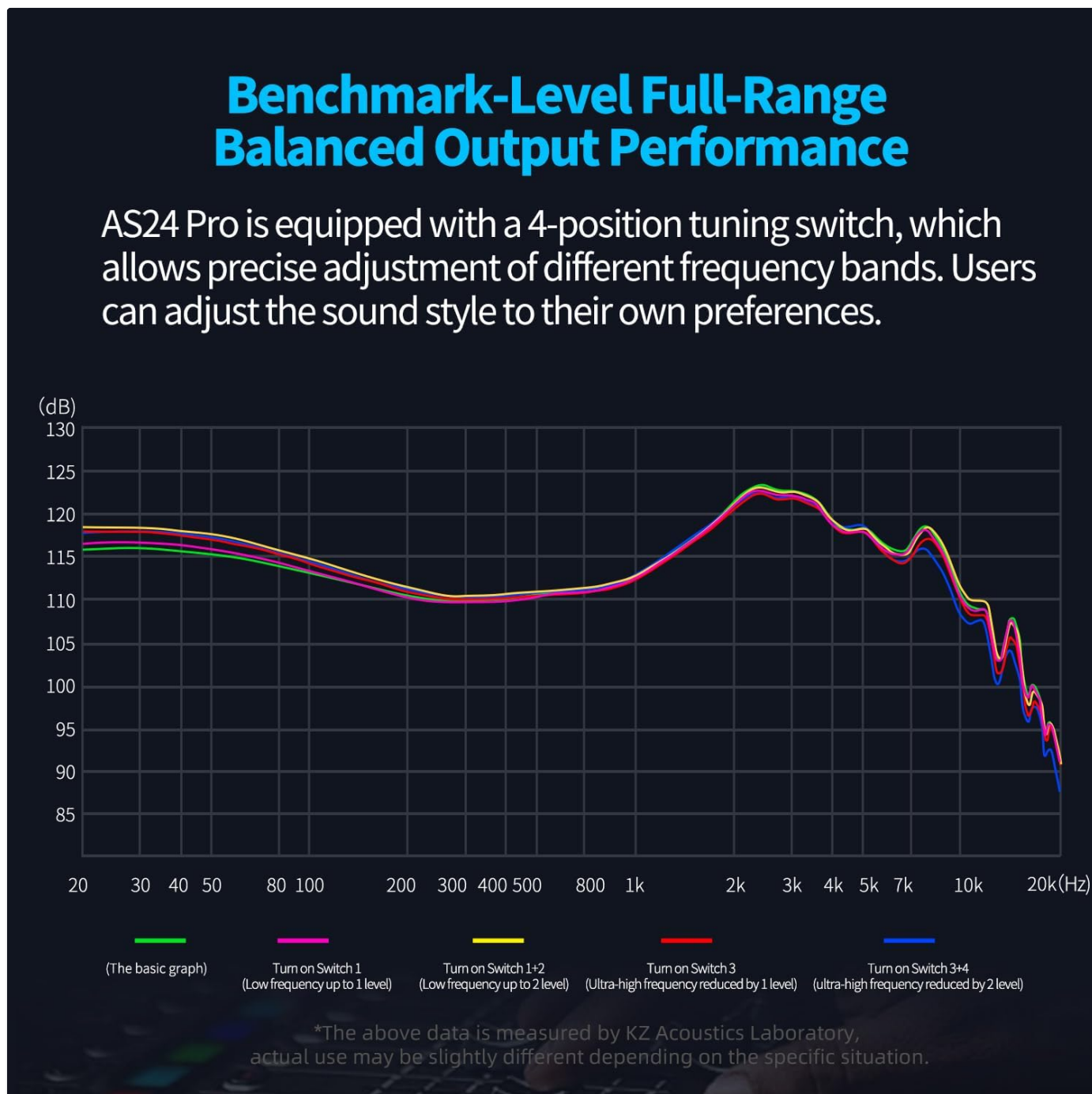


Figure 4: Frequency response graph of the KZ AS24 Pro. This graph illustrates the impact of the 4-position tuning switch on the sound profile, showing how different switch combinations affect low and ultra-high frequencies. The basic graph (green line) represents the default tuning.

Your browser does not support the video tag.

Video 1: KZ AS24 Pro In-Ear Monitors Overview. This video, provided by KZ Official shop, demonstrates the physical aspects and features

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your KZ AS24 Pro IEMs.

- **Cleaning Ear Tips:** Regularly remove and clean the silicone ear tips with a soft, damp cloth. Ensure they are completely dry before reattaching them to the IEMs.
- **Cleaning IEM Body:** Wipe the IEM body with a dry, soft cloth to remove any dust or earwax. Avoid using harsh chemicals or abrasive materials.
- **Cable Care:** The high-purity silver-plated cable is designed for durability. Avoid sharp bends, excessive pulling, or tangling. When storing, coil the cable loosely.
- **Storage:** Store your IEMs in a clean, dry place, preferably in a protective case, when not in use. This prevents dust accumulation and physical damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound or low volume	◦ Cable not fully connected ◦ Audio source volume too low ◦ Incorrect audio output selected on device ◦ Damaged cable or earpiece	◦ Ensure cable connectors are securely seated in both IEMs and the audio source. ◦ Increase volume on your audio device. ◦ Check your device's audio settings to ensure the correct output is selected. ◦ Test with another cable or audio source. If problem persists, contact support.
Sound imbalance (one side louder/softer)	◦ Ear tip not properly sealed ◦ Earwax buildup in nozzle ◦ Loose cable connection ◦ Damaged earpiece or cable	◦ Adjust ear tip for a secure fit. ◦ Gently clean the nozzle of the affected earpiece. ◦ Reseat the cable connection on both ends. ◦ Test with another cable. If problem persists, contact support.
Poor bass response	◦ Poor ear tip seal ◦ Incorrect tuning switch setting	◦ Ensure a tight seal with the ear tips. Try different sizes. ◦ Adjust the low-frequency tuning switches (Switch 1 and 2) to increase bass.

SPECIFICATIONS

Model Name	AS24 Pro
Driver Type	Balanced Armature (24BA per side)
Impedance	19 ohm

Sensitivity	116 dB
Frequency Range	20 Hz - 20,000 Hz
Headphone Jack	3.5 mm Jack
Connectivity Technology	Wired
Cable Features	Detachable, High-purity Silver-plated
Noise Control	Sound Isolation
Weight	2.4 ounces (approx.)
Additional Features	DLP 3D Printing Technology, 8-Level Tuning Switch

WARRANTY INFORMATION

The KZ AS24 Pro comes with a 1-year limited warranty from the date of purchase. This warranty covers manufacturing defects. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear. Please retain your proof of purchase for warranty claims.

For detailed warranty terms and conditions, please refer to the official KZ website or contact customer support.

SUPPORT

For further assistance, technical support, or warranty inquiries, please contact KZ customer service through their official channels.

- **Brand:** KZ
- **Official Store:** [KZ Official shop on Amazon](#)
- **Manufacturer:** KZ

