

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [Linsoul](#) /
- › [Linsoul KZ AS16 Pro Wired Earbuds Instruction Manual](#)

Linsoul KZ AS16 Pro 16

Linsoul KZ AS16 Pro Wired Earbuds Instruction Manual

Model: KZ AS16 Pro 16

INTRODUCTION

The Linsoul KZ AS16 Pro Wired Earbuds represent an advanced in-ear monitor technology. Designed for high-fidelity audio, these earbuds feature a sophisticated 16-balanced armature driver configuration (8 per side) to deliver a wide frequency response and detailed sound. The ergonomic design ensures a comfortable fit and effective passive noise cancellation.



x



KZ AS16 Pro

16 Balanced Armature Drivers IEM



8 BA Per Side Driver



PCB Electronic Crossover Tech



3-Channel Conduit Structure



Metal-inlaid Resin Shell



High Purity Silver Plated Cable



Ergonomic Wearing Design

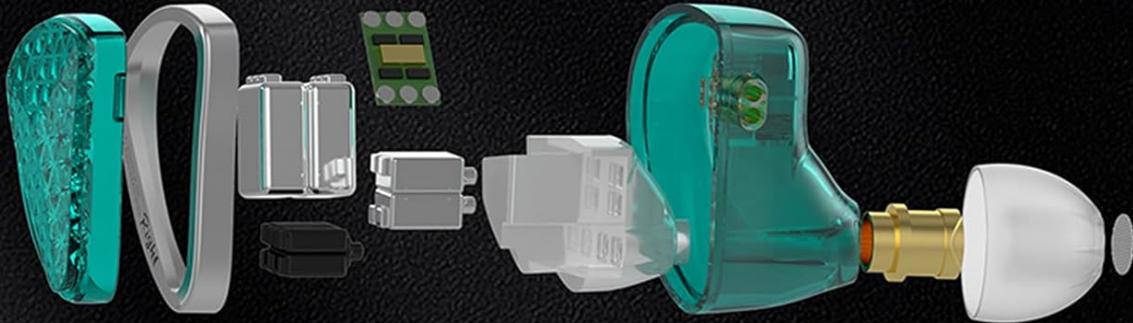
Image: Overview of Linsoul KZ AS16 Pro Earbuds highlighting 8 BA drivers per side, PCB electronic crossover, 3-channel conduit structure, metal-inlaid resin shell, high purity silver plated cable, and ergonomic wearing design.

KEY FEATURES

- **16 Balanced Armature Drivers:** Each earbud is equipped with 8 balanced armature drivers, covering low, medium, and high frequencies for a comprehensive sound experience. This includes 4 high-frequency (31736 BA), 2 medium-frequency (29689 BA), and 2 low-frequency (22955 BA) units.
- **Three-Channel Professional Conduit Structure:** Utilizes advanced 3D printing technology to precisely control air flow and rate in each channel, ensuring accurate and consistent sound delivery.
- **Sophisticated Electronic Frequency Division:** A PCB electronic crossover system accurately manages the frequency distribution to each balanced armature, resulting in smooth tri-band connectivity.
- **Ergonomic Design & Noise Isolation:** The earbuds are designed based on extensive auricle sampling, providing a comfortable and secure fit that achieves over 26dB of passive noise cancellation.
- **Advanced Metal-Inlaid Resin Process:** Features a durable and aesthetically pleasing metal-inlaid resin shell.
- **Detachable 0.75mm 2-Pin Cable:** Comes with a high-purity silver-plated detachable cable for easy replacement

and upgrades.

Total Sonic Mastery with 8 Drivers per Side



 **31736 high-frequency BA* 4**
With strong resolution and good extension

 **29689 medium-frequeⁿc BA*2**
Makes vocals and instruments sound more clear

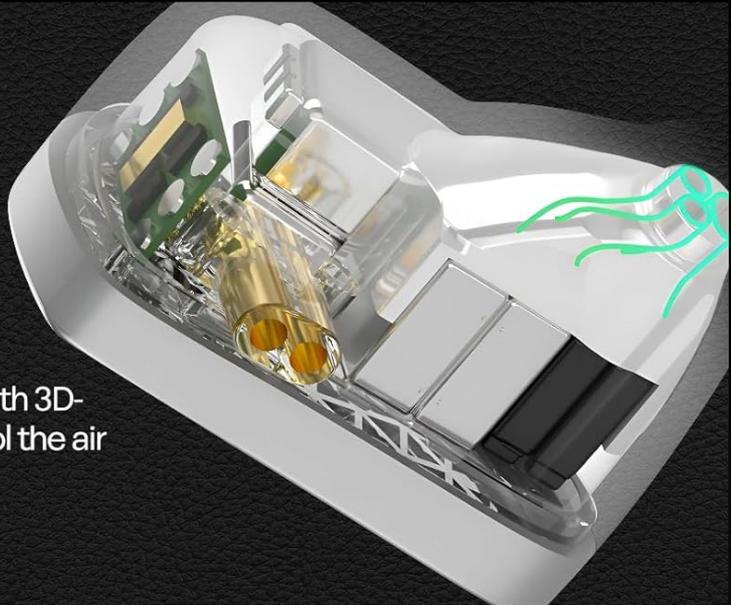
 **22955 low-frequency BA * 2**
Brings mellow low frequency, with good dynamic performance

Image: An exploded view of the KZ AS16 Pro earbud, illustrating the arrangement of its multiple balanced armature drivers for different frequency ranges.



Precision 3-Channel Structure

Advanced 3-channel structure with 3D-printed ducts, we precisely control the air flow and rate in each channel.



PCB Electronic Crossover Tech

Advanced electronic crossover acts as a master conductor, delivering each beat with accuracy and cohesion



Image: Detailed diagrams showcasing the precision 3-channel conduit structure for optimized sound path and the PCB electronic crossover technology for accurate frequency division.

SETUP

- 1. Unpacking:** Carefully remove all components from the packaging. Verify that all items listed in the "What's in the Box" section are present.
- 2. Attaching the Cable:**
 - Identify the left (L) and right (R) earbuds and the corresponding connectors on the detachable 2-pin cable.
 - Align the 2-pin connector on the cable with the receptacle on the earbud. Ensure correct orientation to avoid damage.
 - Gently push the connector firmly into the earbud until it is securely seated. Do not force it.
- 3. Selecting Ear Tips:**
 - The earbuds come with various sizes of silicone ear tips. Experiment with different sizes to find the best fit for

your ears.

- A proper seal is crucial for optimal sound quality and noise isolation. The ear tip should feel snug and comfortable without causing pressure.

4. Wearing the Earbuds:

- The KZ AS16 Pro features an over-ear wearing design. Loop the cable over the top of your ear, then insert the earbud into your ear canal.
- Adjust the cable and earbud position until you achieve a secure and comfortable fit.

5. Connecting to an Audio Source:

- Plug the 3.5mm jack of the cable into your audio device (e.g., smartphone, digital audio player, computer).



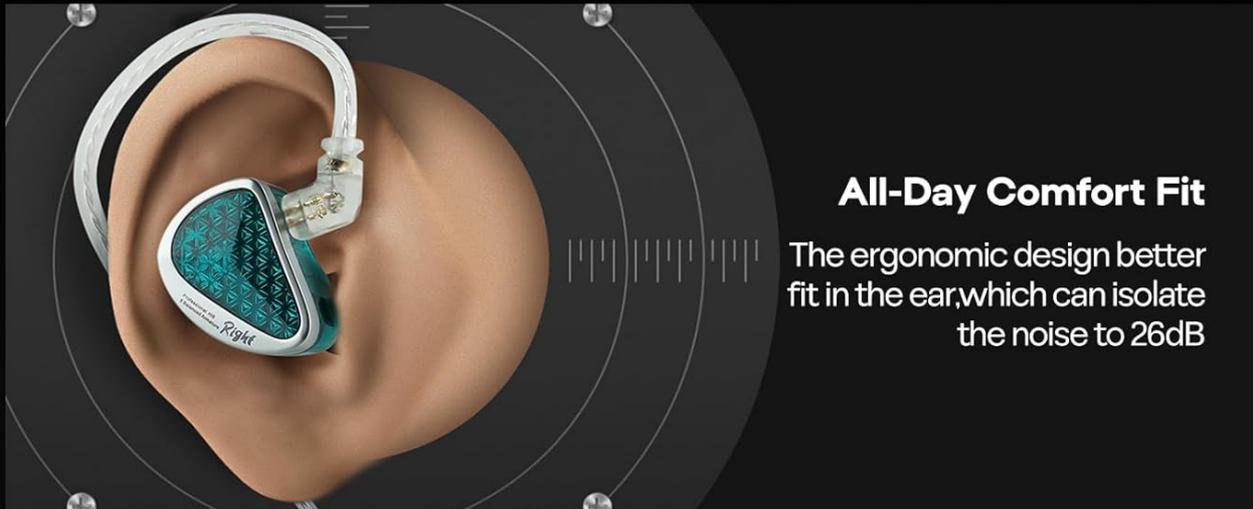
Image: Close-up of the customizable detachable 2-pin cable and connector, illustrating how to attach it to the earbud for a secure fit.

OPERATING

Once properly set up, your Linsoul KZ AS16 Pro earbuds are ready for use. Ensure your audio source volume is set to a low level before playing audio to prevent sudden loud sounds.

- **Audio Playback:** Begin playing audio from your connected device. Adjust the volume to a comfortable listening level.
- **Noise Isolation:** The ergonomic design and proper ear tip seal provide significant passive noise isolation, reducing external distractions for an immersive listening experience.
- **Cable Management:** The over-ear design helps keep the cable secure and minimizes microphonics (cable noise).

Exquisite Details Display



All-Day Comfort Fit

The ergonomic design better fit in the ear, which can isolate the noise to 26dB



Metal-inlaid Resin Shell
Smooth Feel That Is Both Sturdy
And Durable



Ergonomic Design
Pressure-Free Ear Contour Fit

Image: A visual representation of the ergonomic design of the KZ AS16 Pro earbuds, showing how they fit comfortably and securely in the ear for all-day comfort and noise isolation.

MAINTENANCE

Proper maintenance will extend the lifespan and ensure optimal performance of your earbuds.

- **Cleaning Ear Tips:** Regularly remove the ear tips and clean them with a soft, damp cloth. Allow them to dry

completely before reattaching.

- **Cleaning Earbuds:** Gently wipe the earbud shells with a dry, soft cloth to remove any dust or debris. Avoid using harsh chemicals or abrasive materials.
- **Cable Care:** Handle the detachable cable with care. Avoid sharp bends or excessive pulling. When not in use, coil the cable loosely.
- **Storage:** Store your earbuds in a protective case when not in use to prevent tangling, damage, and dust accumulation.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound or intermittent sound	Loose cable connection, incorrect audio source settings, damaged cable.	Ensure the 2-pin connectors are fully inserted into the earbuds. Check if the 3.5mm jack is fully plugged into the audio source. Verify audio output settings on your device. Try with a different audio source or cable if available.
Poor sound quality (e.g., muffled, distorted)	Improper ear tip seal, dirty ear tips/nozzles, low-quality audio file.	Adjust ear tips for a better seal. Clean ear tips and earbud nozzles. Use high-quality audio files.
Earbuds feel uncomfortable or fall out easily	Incorrect ear tip size, improper wearing technique.	Experiment with different ear tip sizes to find a more secure and comfortable fit. Ensure the cable is looped over your ear correctly.

SPECIFICATIONS

Feature	Detail
Model Name	KZ AS16 PRO
Brand	Linsoul
Audio Driver Type	Balanced Armature Driver (8 per side)
Frequency Response	20Hz-40000Hz
Sensitivity	111 dB
Impedance	23.5 Ohms
Noise Control	Sound Isolation (>26dB passive)
Connectivity Technology	Wired
Headphones Jack	3.5 mm Jack
Cable Feature	Detachable 0.75mm 2-pin
Material	Plastic (Metal-inlaid Resin Shell)
Item Weight	2.89 ounces

Feature	Detail
Product Dimensions	5.91 x 2.76 x 1.18 inches

WHAT'S IN THE BOX

- Linsoul KZ AS16 Pro Wired Earbuds
- Detachable 0.75mm 2-pin Cable
- Multiple sizes of Silicone Ear Tips
- Product Protection Guide (Documentation)

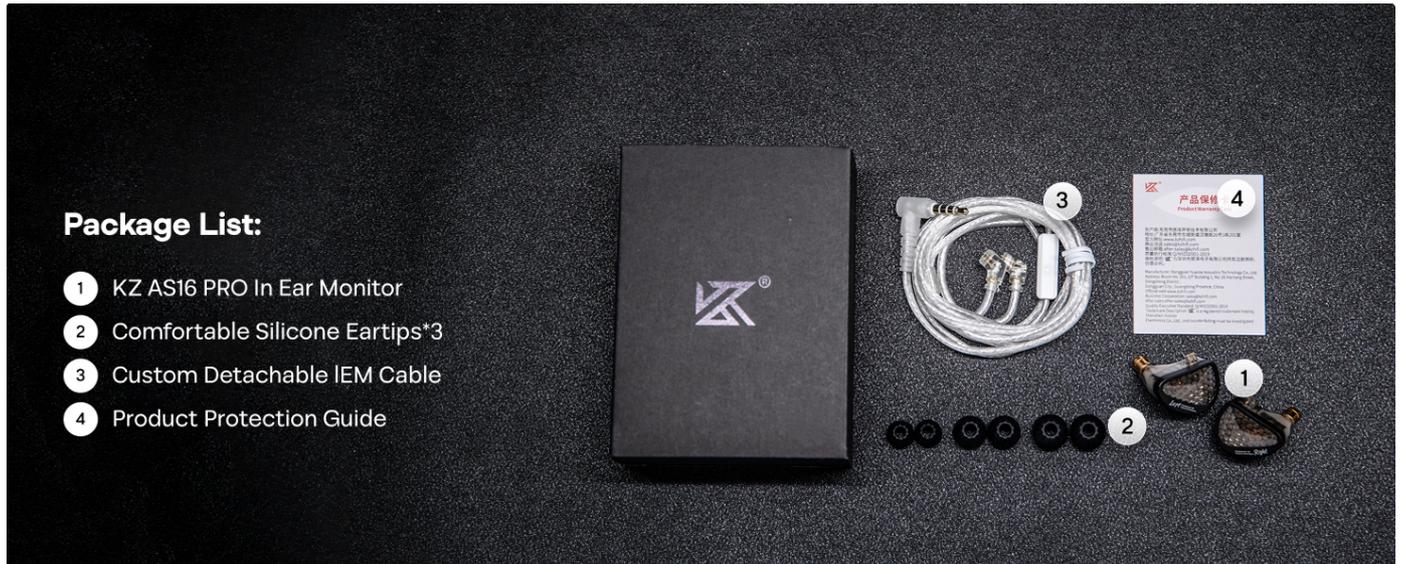


Image: A visual representation of the package contents, including the KZ AS16 Pro In-Ear Monitors, comfortable silicone eartips, custom detachable IEM cable, and product protection guide.

PRODUCT VIDEOS

CCA KZ AS16 PRO In-Ear Monitors Overview

Your browser does not support the video tag.

Video: An official overview of the CCA KZ AS16 PRO In-Ear Monitors, detailing their features and design. This video provides a visual guide to the product's capabilities and aesthetics.

In-Ear Monitor Features

Your browser does not support the video tag.

Video: A short video from KZ Official shop demonstrating various features of their in-ear monitors, including design elements and sound characteristics. While not specific to AS16 Pro, it showcases general product quality and design principles.

WARRANTY AND SUPPORT

For warranty information, technical support, or any product-related inquiries, please refer to the "Product Protection Guide" included in your package or contact Linsoul customer support directly. Contact details can typically be found on the official Linsoul website or through your point of purchase.



