

A Comparison Between AIVA and P-II



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1. Differences in the Headbands

The Steel on AIVA's headband is fully integrated, with complex and delicate processing technic.

For P-II, it's two separated steel sheets.

2. Differences in the Cushions

AIVA uses upscale nerbris leather that is soft, comfortable and perfectly suitable for any headsizes.

P-II uses artificial protein leather with a different shape and adjusting system.



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3. Differences in the Connecting Metal Parts

Both the shape and the construction are different here.

If we take off the other parts, the differences would be very obvious, indicating that these are two completely different frameworks.

It is just like the following picture:



A Comparison Between the Frameworks of AIVA and P-II



**Taking off the other parts,
there will be two
completely different
frameworks.**

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4. Differences on the Back Covers of the Earcups

AIVA uses an elaborately designed scale-like pattern.

P-II uses a window-flower shape.

In addition, the earpads of Aiva is perforated, providing a wider soundstage.



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5. Difference in the Wooden Earcups

The shapes and sizes of these two are the same, but AIVA uses high-quality zebra wood while P-II uses black walnut wood.



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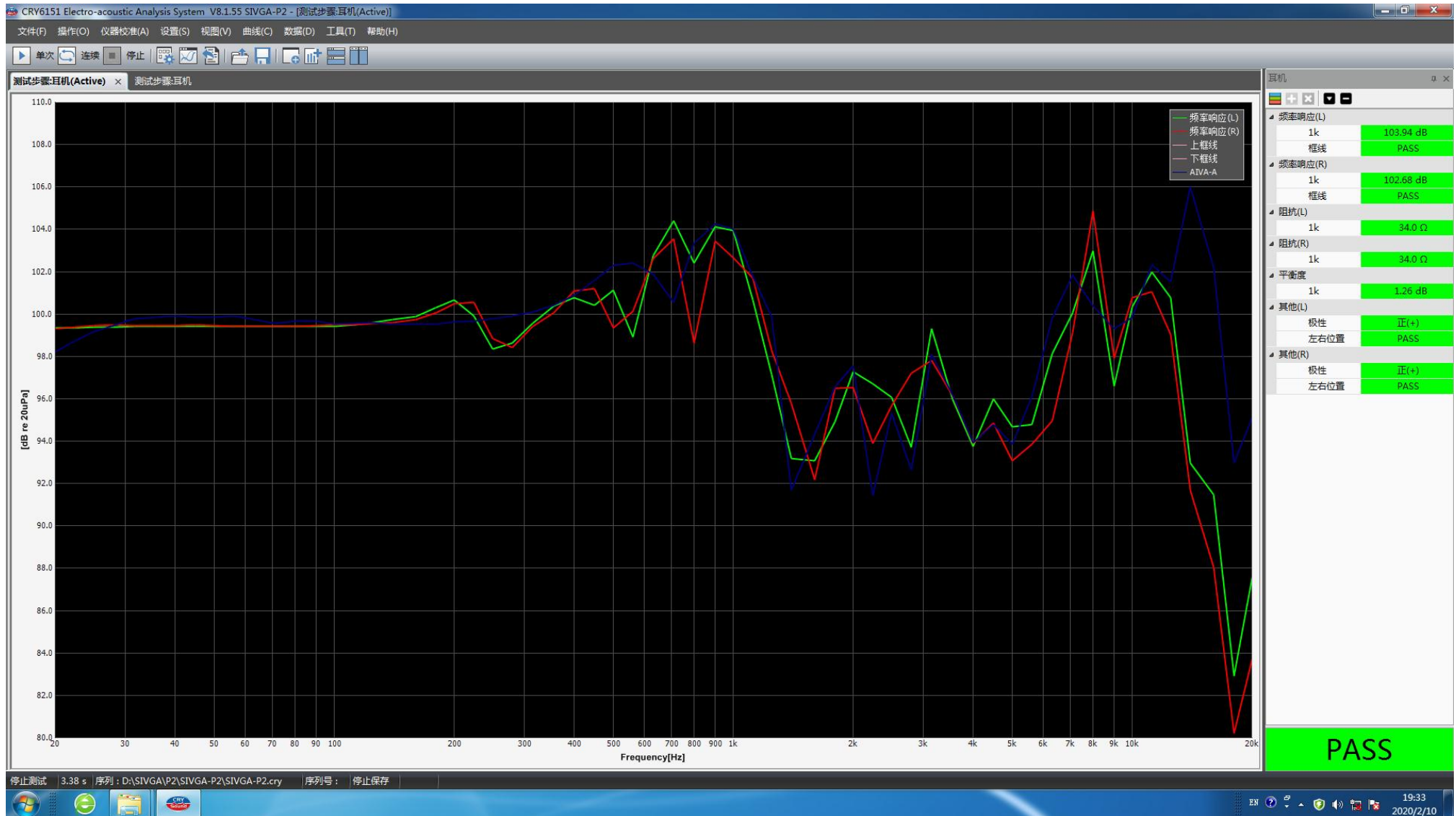
6. Differences in the Metal Material

AIVA uses high-level aero aluminum for every metal component adopting a special hrd-oxidation process with high requirements which makes it not possible to be damaged by tough scrapings.

P-II uses common aluminum with a conventional oxidation.



A Comparison Between the Frequency Response Curves of AIVA and P-II



In the graph, the blue line is the Frequency Response Curve of AIVA; the red and green ones are from different pairs of P-II.

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AIVA's speaker diaphragm is made of a thin film with high strength and rigidity, with a thickness of only **3 microns**. This ultra-thin material has a very clear medium and high frequency performance, strong penetration and expressive force with great transient characteristics. Thus, it has a distinctive and outstanding sound quality. Its resolution, ability to reveal details and information in the music, acoustic comfortability and sound stage are among the best of its price level.

Comparing AIVA with P-II, because AIVA's diaphragm is much thinner and more stiff, it has a more transparent and vivid sound stage with a more meticulous sound.

Because of the softness of P-II's diaphragm, which has a thickness of **15 microns**, it has a little heavier approach on the low-end, with a warmer type of sound.

A Comparison Between the Cables of AIVA and P-II



The left ones on these two pictures are from AIVA, and the right ones are from P-II.

When making cables, AIVA combines high quality stainless steel and wood with stylistic decorations matching its back cover of the earcups and treats every component by a complex process.

P-II uses normal aluminum without decoration and regular material on its cable with an ordinary surface treatment.

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Conclusion - Through out this comparison, it is summarized that:

- 1. In the aspect of appearance, except some similarities on the shape of the earcups, these two headphones are completely different from each other.**
- 2. AIVA is for those who have the pursuit of the ultimate sound quality with absolute craftsmanship in both the material, the build and the design.**
- 3. P-II is geared mainly towards mass consumers.**
- 4. If one put these two headphones together, it is really easy to find out all of the differences between them.**