Recent Articles
- SONY MDR-XB500
- SONY MDR-XB500
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- Bose QC15 (Noise-...
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Golden Ears Review : Earphones

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08
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Pictures **AKG K3003**

Nick Name: Golden Ears Registered Date: Apr 08, 2012, 20:37:11 IP ADRESS: *.56.123.5 Views: 4256

1. Features

- Robust housing
- Steel-skinned remote control
- Stainless-steel jack plug
- Refined cable of the combination of fabric and silicone
- Balanced armature (BA) drivers present high audio performance and acoustic efficiency for more sound from less power.
- BA drivers, exquisitely crafted for the K3003s, are distinguished by the outstanding performance on midrange and high-frequency sounds.
- Due to the diaphragm's high excursion level, the K3003s' dynamic drivers represent good bass quality and support the balanced-armature drivers for reference-quality audio.

For more information, Please refer to the manufacturer's website

2. Specifications

Driver configuration	3-way Hybrid technology 1 dynamic driver + 2 balanced armature drivers
Design	In-ear
Color	Stainless steel & black
Frequency range	10 Hz – 30 kHz
Sensitivity	125dB SPL/V
Input impedance	8 ohms
Max. input power	15 mW
Net weight (without cable)	10 g (0.4 oz)
Cable length	1.2 m (3' 9")
Main connection	3.5 mm (1/8")

For more information, Please refer to the manufacturer's website

3. Pictures

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K3003
AKG
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Truthful Review Based on Measured Data

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4. Price

$ 1,300.00(USD) / April 9, 2012

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Golden Ears Test System - for more information (Link)
1. HATS: Bruel & Kjær - Head and Torso Simulator Type 4128C
2. Microphone Amplifier: Bruel & Kjær - NEXUS Conditioning Amplifier
3. Audio Interface: Lynx L22
4. DAC: Golden Ears D/A Converter
5. Headphone Amplifier: Golden Ears Headphone Amplifier

How we test
1. **Headphone / Earphone**
2. **Speaker**
3. **Amplifier / DAP**

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Total Articles **176**

08
2012-Apr

Measurements **AKG K3003**

Nick Name: Golden Ears Registered Date: Apr 08, 2012, 20:48:23 IP ADRESS: *.56.123.5 Views: 8385

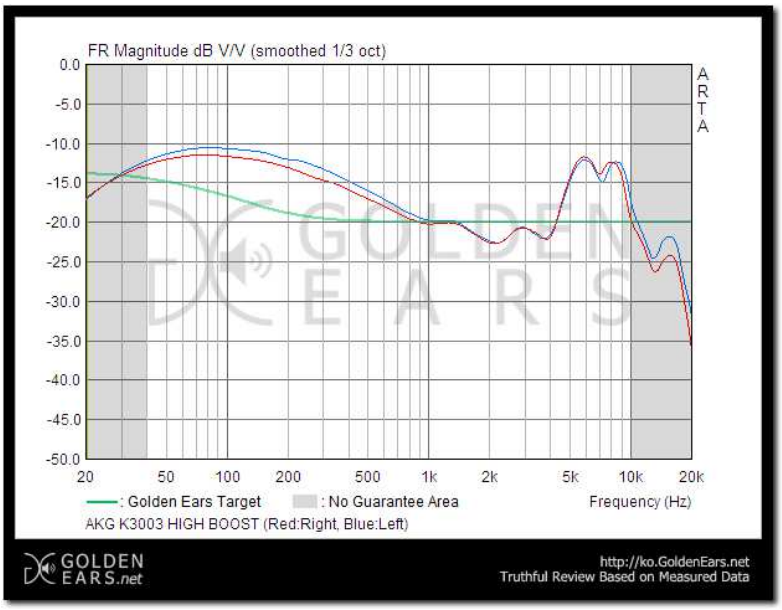
Related Articles

* Golden Ears Philosophy
* How we measure (Earphones, Headphones)
* Golden Ears Measurements F.A.Q.
* About the Golden Ears Recommendation Index (G.E.R.I.)
* How to read measurements - Earphones, Headphones
* Frequency response & perceived sound

Note.

Please keep in mind that the following data are from a test unit reviewed by Golden Ears - the test unit is not necessarily a representative sample of the model being reviewed.

01. Frequency Response



HIGH BOOST Filter / Eartip: Silicone(M) / **Red:Right**, **Blue:Left**
Diffuse Sound Field Equalization + The small room X-Curve Compensation
for more information : How we measure (Earphones, Headphones)

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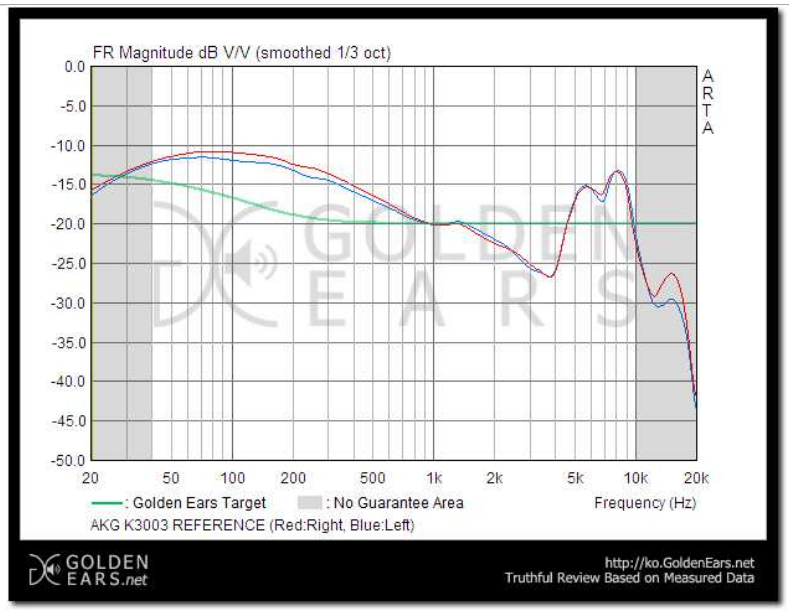
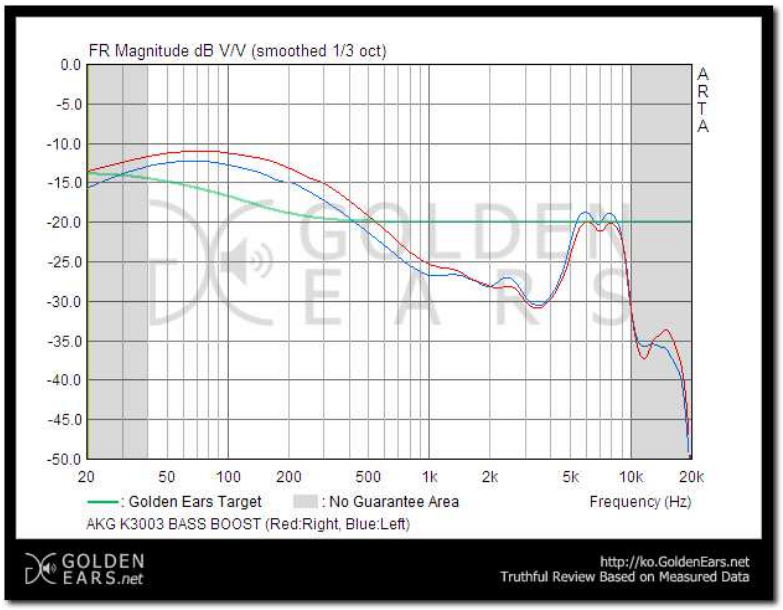
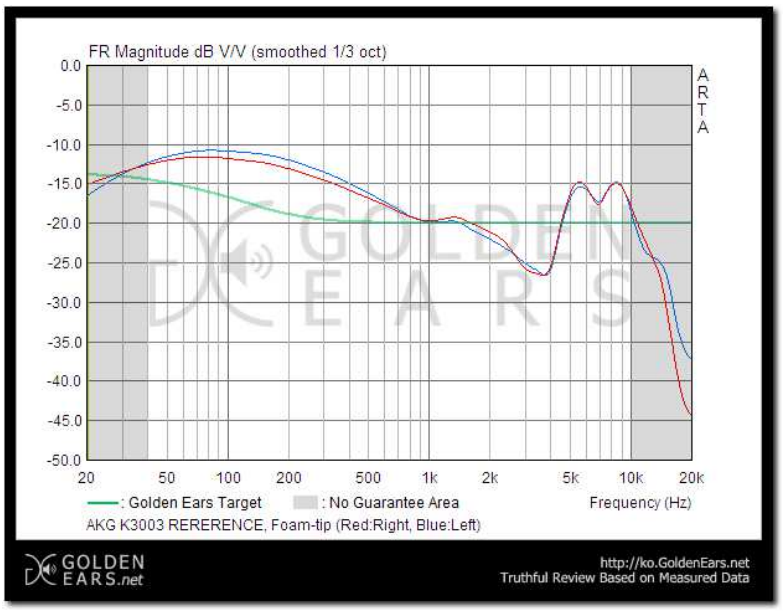


REFERENCE SOUND Filter / Eartip: Silicone(M) / **Red:Right**, **Blue:Left**

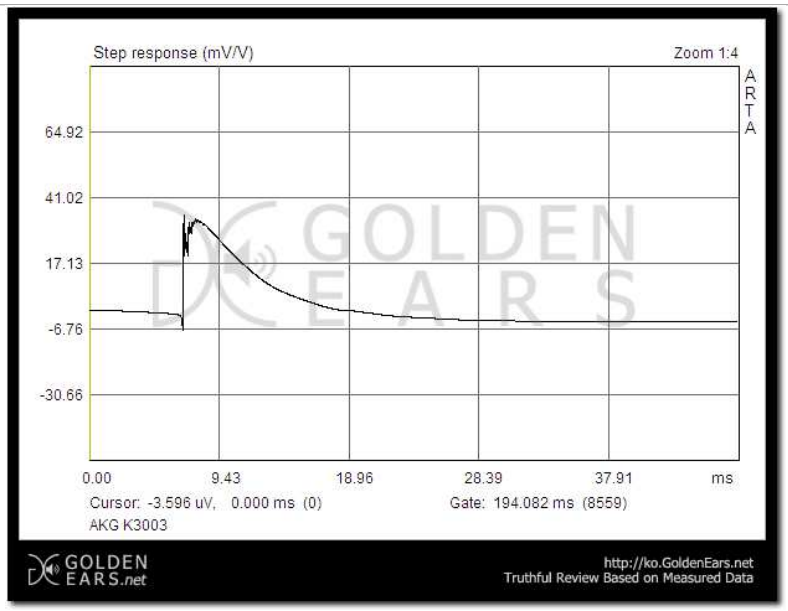


HIGH BOOST Filter / Eartip: Silicone(M) / **Red:Right**, **Blue:Left**

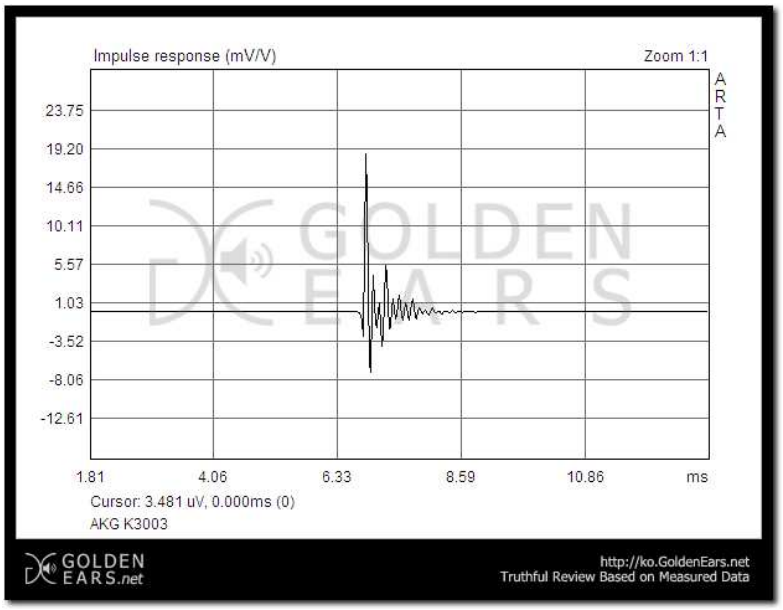


REFERENCE SOUND Filter / Eartip: comparable **Comply**™ foam tip / **Red:Right**, **Blue:Left**

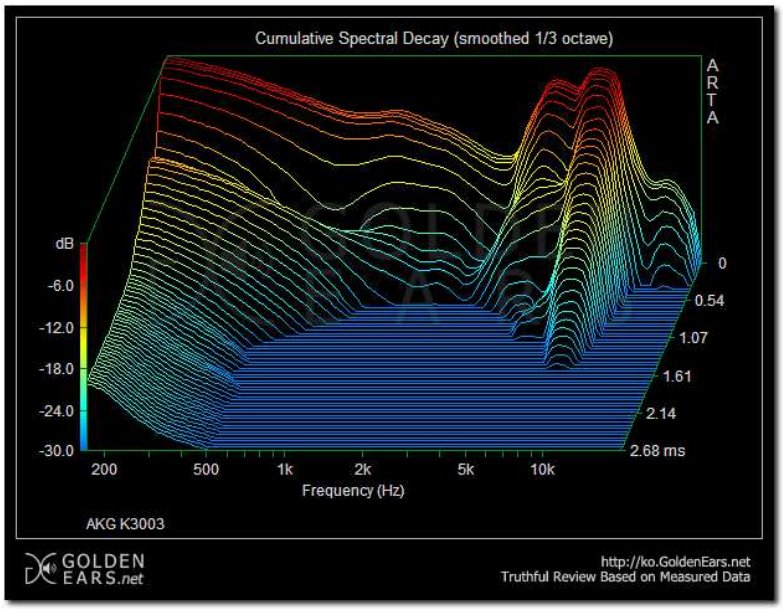
02. Step Response



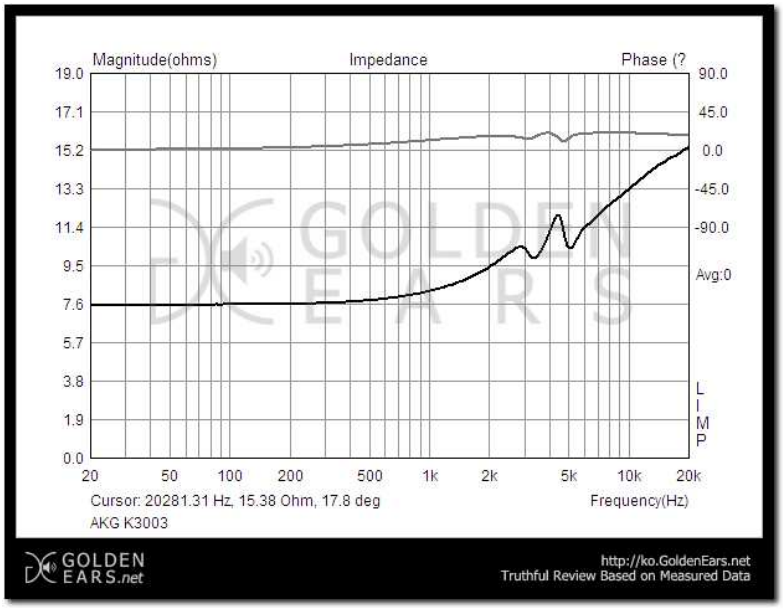
03. Impulse Response

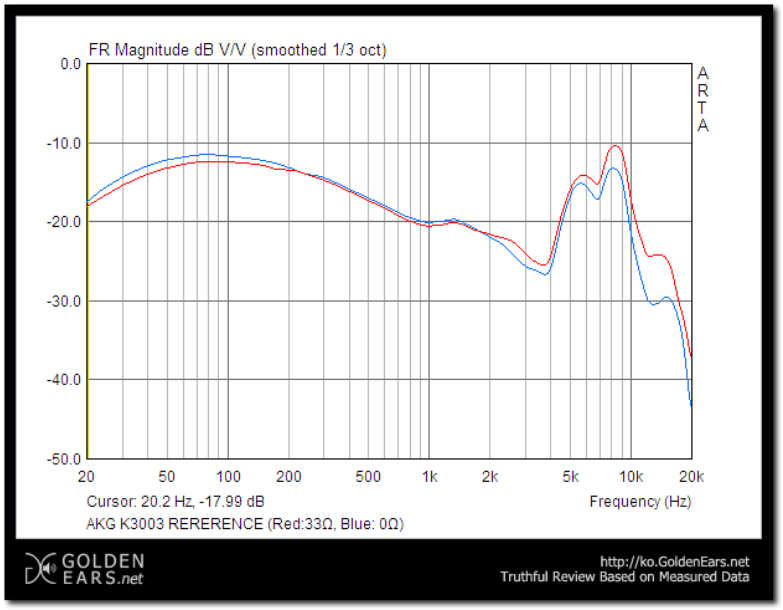


04. Cumulative Spectral Decay



05. Impedance & Phase





<Responses when additional resistances are applied to the output of the amplifier.>
(The output impedance of the amplifier used in the test is 0.05Ω.)
Related Article : Impedance Matching and Bridging

06. Reviewer's Opinion

Note.
The following chart is an expression of the reviewer's opinion on this product's measured data and perceived sound, and may include bias from using the Golden Ears reference unit as a standard.

Property	-5	Characteristic	+5
Transparency / Coloration	Veiled		Clear
Dynamics	Compressed		Natural
High Resolution	Dull		Vivid
Treble relative to midrange	Dark		Light
Treble texture	Rough		Soft
Bass relative to midrange	Thin		Boomy
Bass texture	Fluid		Solid

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Golden Ears Test System - for more information (Link)
1. HATS: Bruel & Kjær - Head and Torso Simulator Type 4128C