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SONY MDR-XB500
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SAMSUNG Galaxy S...
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Headphone Review

View All | **Pictures** | Measurements

Total Articles **149**

12
2012-Nov

Pictures **AKG K550**

Nick Name: Golden Ears Registered Date: Nov 12, 2012, 22:18:36 IP ADRESS: *.56.123.5 Views: 1629

1. Features

- High -performance headphones for use at home and on the go
- Closed-back design with open sound
- 50mm driver for outstanding sound from any source
- Real Image Engineering for accurate sensation of width, distance and depth
- Lightweight, comfortable fit for hours of continuous listening
- Outstanding passive noise reduction
- Very low sound leakage levels
- 2D-Axis fold -flat mechanism for easy storage and transportation
- 3.5 to 6.3MM adapter (screw-on)

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

2. Specifications

System:	Dynamic
Design:	Closed-back headphones
Color:	Matte black with black metal accents
Frequency range:	12Hz to 28kHz
Sensitivity:	114dB SPL/V
Input impedance:	32 ohms
Maximum input power:	200mW
Net weight (without cable):	305g
Cable:	99.99% oxygen-free cable, 3m
Main connection:	Hard gold-plated 3.5/6.3mm jack

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

3. Pictures

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Truthful Review Based on Measured Data

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4. Price

$ 300.00(USD) / November 13, 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**

How to read G.E. Graph
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TAG AKG K550 Headphone Reivew

FILE Attachment (17)

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Total Articles **147**

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Measurements **AKG K550**

Nick Name: Golden Ears Registered Date: Nov 12, 2012, 22:21:17 IP ADRESS: *.56.123.5 Views: 2576

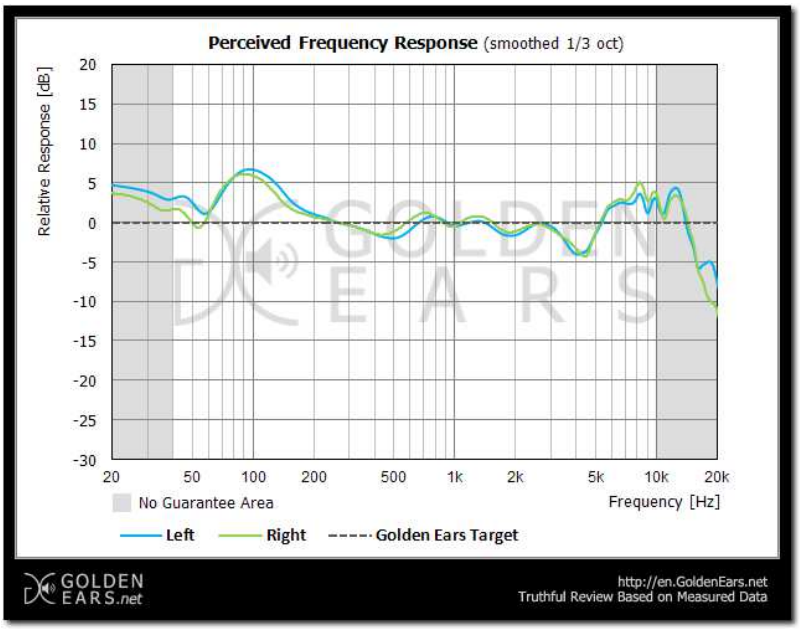
Related Articles

* 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



Blue:Left, Green:Right

<Subjectively Percieved Tonal Balance>

Diffuse Sound Field Equalization + The small room X-Curve Compensation + Bass Compensation

for more information : How we measure (Earphones, Headphones)

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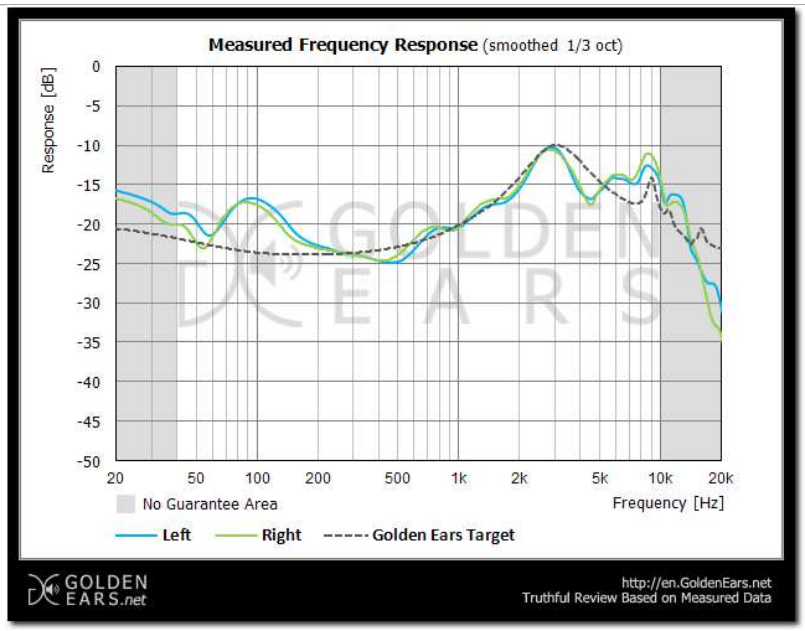
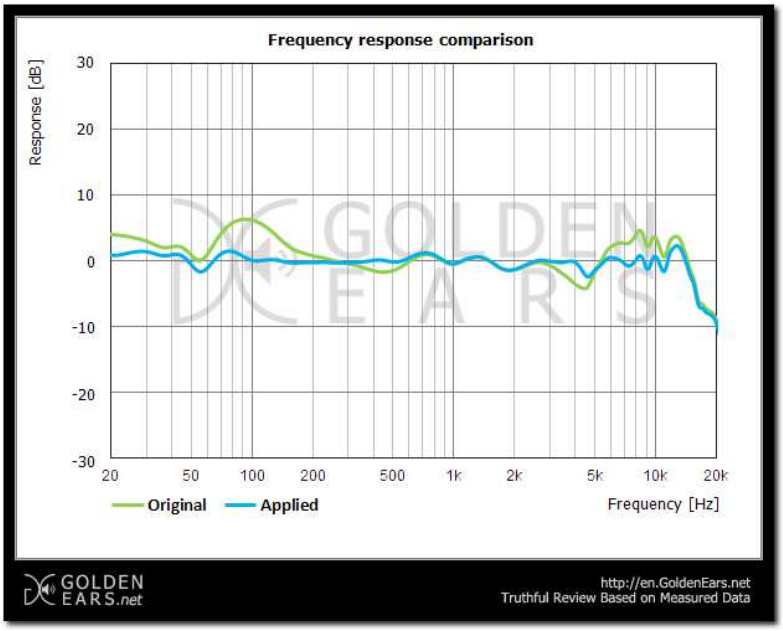


Eartip: Silicone /**Blue:Left, Green:Right**

<Raw Data from B&K HATS Type 4128C>

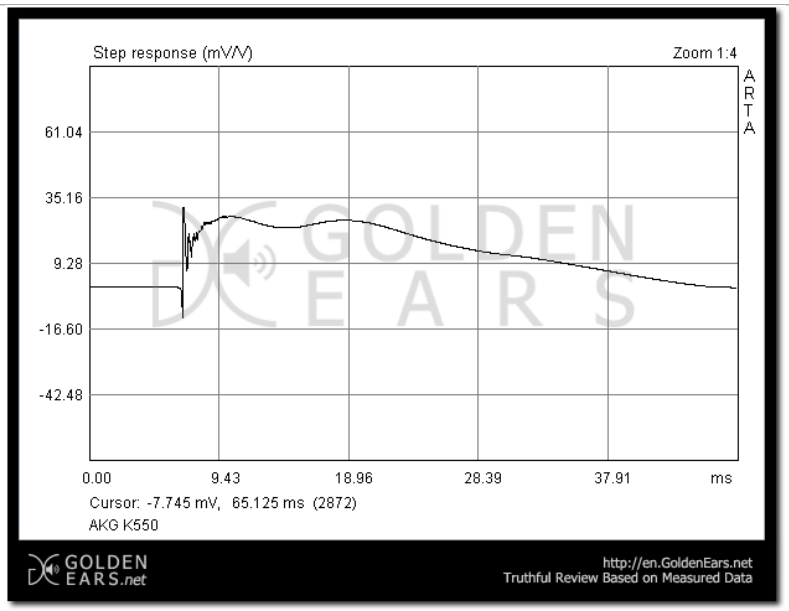


Blue: After modification by Accudio™ / **Green: Before modification**

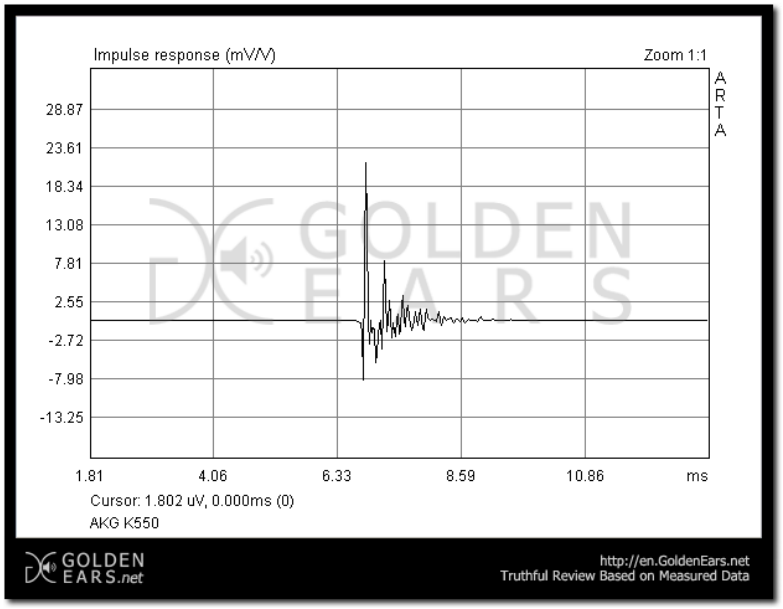
<Power-Average of Left and Right>

more infomation on Accudio™

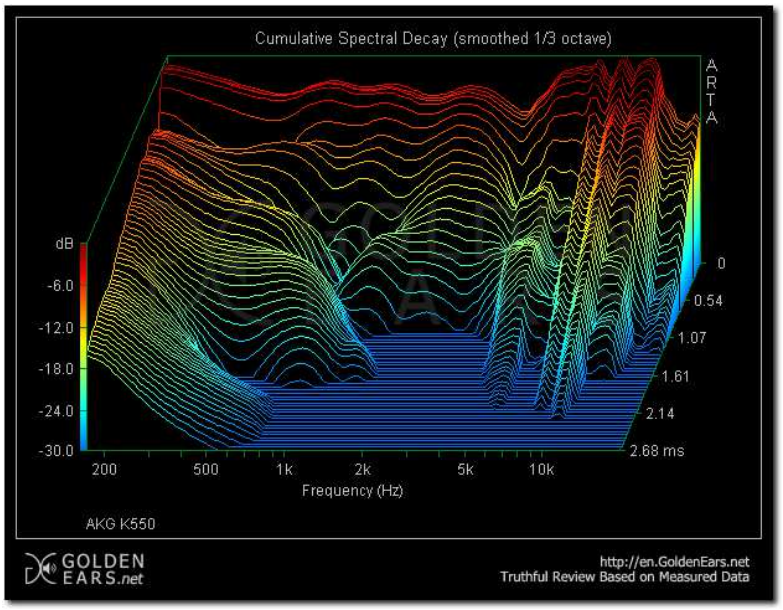
02. Step Response



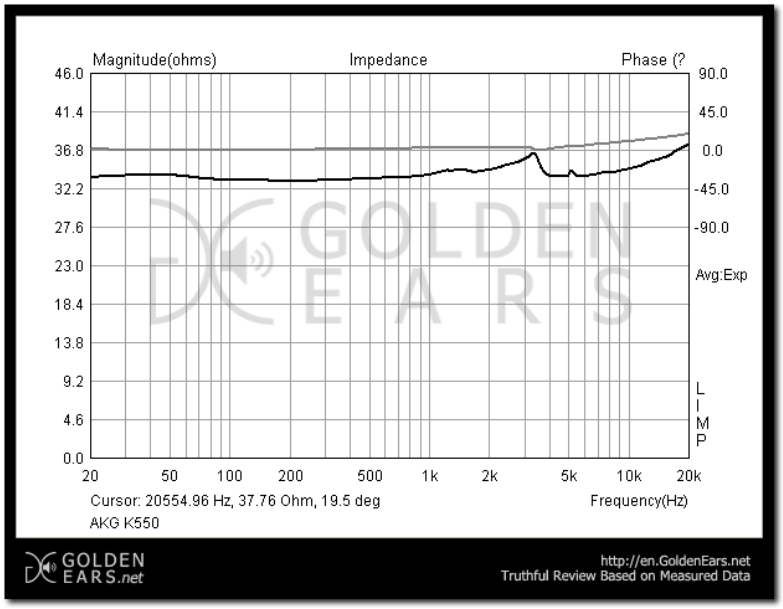
03. Impulse Response



04. Cumulative Spectral Decay



05. Impedance & Phase



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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FILE Attachment (9)

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