Subject: Audibility Of Loudspeaker Distortion
Posted by real_one on Sun, 20 Apr 2008 05:05:42 GMT
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Klippel is making a statistical analysis of people's threshold of audibility of distortion. You can take the test right now on your computer, as long as it is connected to a good sound system.The test is an "enforce blind A/B comparison" meaning: 1. You compare two samples A and B, and has to tell which one is "worse" (is distorted) 2. It is blind - you don't know which sample is the original signal, and which one the distorted 3. It is enforced - There is no "I don't know" option: even if you are unsure, you are asked to tell your opinion. This helps digging into subconscious, intuitive decisions, and avoids a "rather than saying something wrong, I say nothing" position. It is amazing how sensitive the ear can be to distortion, even though you cannot say definitely what makes the difference.When taking this test, you get a subjective impression how different kinds of loudspeaker distortion sound. If you know this, you are able to detect them much more easily. Immediately after the test, you see your results - and you may compare your hearing capabilities with other listeners. You also get a feeling what kind of music or test signal is critical, or what kind of stimulus can be played on every speaker without hearing a difference. Finally, when you take the test again, you will most likely notice you find lower thresholds - your ear has been trained.Klippel collects the data - anonymously of course - and aggregates statistics that explain the mechanisms of hearing distortion. The basic statistics are immediately available on the Klippel web site. Take the test! Find out your sensitivity to distortion.
Klippel Distortion Audibility Test