

# Instructions for the Listening Experiment

## Please print out this page and have a pencil ready!

You are participating in a listening experiment investigating the subjective evaluation of electric guitars. A reasonably quiet environment and suitable acoustic transducers (e.g. high quality headphones or a good stereo system) are conducive. The miniature speakers built into a computer are unsuitable.

Please first listen to the demo file with moderate volume. You may listen to it as often as you like.

You are supposed to judge the sounds in a sound pair (A-B) presented to you twice (i.e. A-B-A-B). "A" and "B" designate a short riff played on an electric guitar while "A-B" designates the sound pair. Each riff was played by an experienced guitar player using one of 4 different electric guitars. These 4 guitars differed in the wood of the body (ash and alder) as well as in the construction of the neck (one-piece maple neck and maple neck with rosewood fretboard). The hardware and the pickups were identical for all combinations.

**Please ONLY rate the difference in sound you perceive between the guitar but NOT the small differences in phrasing in the playing of the guitarist.** If you think both riffs were played on one and the same guitar, please rate the difference at "0". If you think that two different guitars were used within one comparison, please rate the corresponding sound difference you perceive on a scale from 1 (almost indistinguishable) to 10 (very big difference). If necessary, you can also use values larger than 10, and in-between values such as 3,5. Please do not stop the experiment if you hear no or only very small differences for longer periods of time!

You should run every one of the three experiments (HV-1, HV-2 and HV-3) only once and do a spontaneous rating. Therefore please print out this page and have a pencil ready. Every double-pair (A-B-A-B) has a duration of 12 sec; double-pairs are separated by a pause of 3 sec. Each run takes 1,5 min. You should not do trial runs with the actual test files - to check out the approach and practice you can (and should) listen to the demo file since the actual test files sound very similar. Please do not correct your spontaneous ratings.

If desired, you may repeat the whole test in this case please cross the box "repetition".

Please rate below using a number (on a scale of 0 - 10) how different the two guitars in a sound pair sound:

Pair No.:	1	2	3	4	5	6
=====	=====	=====	=====	=====	=====	=====
HV -1:						
=====	=====	=====	=====	=====	=====	=====
HV -2:						
=====	=====	=====	=====	=====	=====	=====
HV -3:						

Initial run..... Repetition.....