accuton®

Carefully selected loudspeaker drivers.
Manufactured in Germany.

Accuton measurement conditions

At Accuton, all driver data are taken with the following definition:

1) The reference driver is burned in for 100 hours with an appropriate signal:

Tweeters are charged with a 100Hz sinewave of 1.1 Vrms.
For midranges, bass-midranges and basses, a 16Hz sinewave of 6Vrms is used.

2) A rest of one hour is kept for the unit.

3) The driver has the same temperature as the measurement room of 22.5 degrees.

4) Measurement is made with the driver mounted to an open baffle at a distance of 300mm to the microphone under anechoic condition.

5) Impedance is measured with 1V, distortion at 1Watt, and the frequency response curve is taken at 2.83V.

6) Sensitivity corresponds to 2.83V at 500Hz for midrange drivers, bass-midrange drivers and bass drivers. For tweeters, sensitivity is defined at 3000Hz and 2.83V.

7) For all measurements, the following equipment is used:

Brüel & Kjaer Type 4135 Microphone
Brüel & Kjaer Type 2807 Microphone power supply
Klippel Analyzer
Klein & Hummel MB 140 Power Amp

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