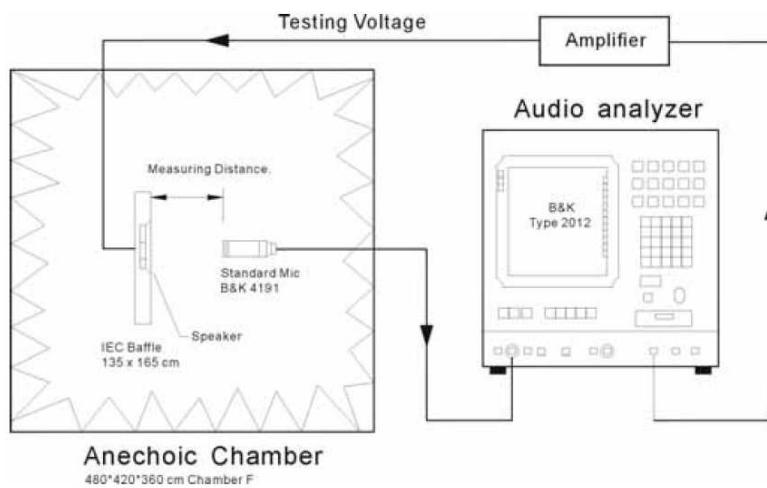


Output Sound Pressure Level (S.P.L.) and distortion testing setup



Measuring & standard referenced

Abstract from GB/T 9396-1996 and IEC 268-5:1989 methods of measurement for main characteristics of loud speakers.

Rated sine voltage.

It is stipulated by manufacturer, sine signal voltage that make speaker work continuously in rated frequency range, but the speaker wouldn't be damaged heartily or mechanically. The persist time of the voltage is 1 hour.

The rated sine power.

The rated sine power is corresponding with the rated sine voltage, its definition is U_s^2/R , U_s indicates the maximum sin voltage, R indicates the rated impedance.

The rated noise power.

The rated noise power is corresponding with the rated noise voltage, its definition is U_n^2/R , U_n indicates the rated noise voltage, R indicates the rated impedance.

