



HITPOINT

TEL:8862-26013311

FAX:8862-26013898

No.4, Lane 505 ,Zhongzheng Road, Linkou Shiang, Taipei,Taiwan24445

Loudspeaker

PSR-45N08A-Q

(RoHS)

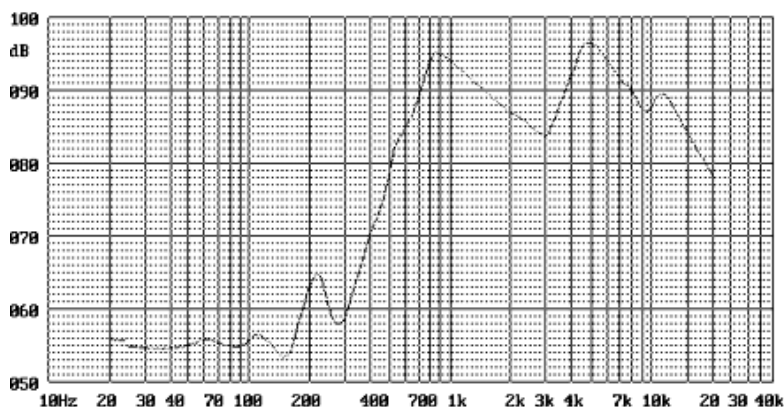
DATE:2009.08.03

1 . Electrical Characteristics

VER .:0

Voice Coil Impedance (Ω)	8 \pm 15% at 1.0V 800Hz
Rated Input (W)	0.25
Max. Input (W)	0.5
Lowest Resonance Frequency (Hz)(Fo)	900 \pm 20%
Frequency Range (Hz)	fo ~ 6000
Output S.P.L (dB)	91 \pm 3/ at 1W 1M,0.8K,1K,1.2K,1.5KHz
Magnet Size (mm)	12.5*1.5
Magnet Weight (g)	G
Core Material	Paper
Magnet Structure	Internal Magnet

2 . Typical Frequency Response Curve





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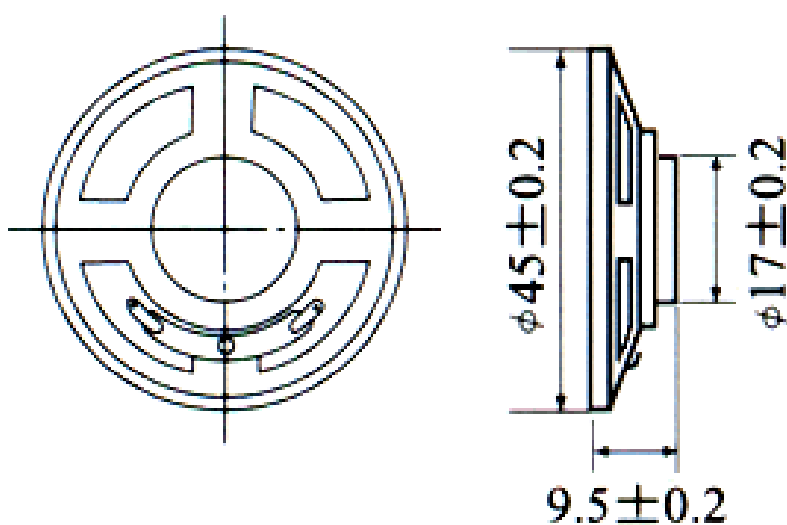
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3 . Dimensions and Material

3-1 Shape



Unit : mm

3-2 Material

Magnet	Ferrite Magnets
Weight (Gram)	9.8G



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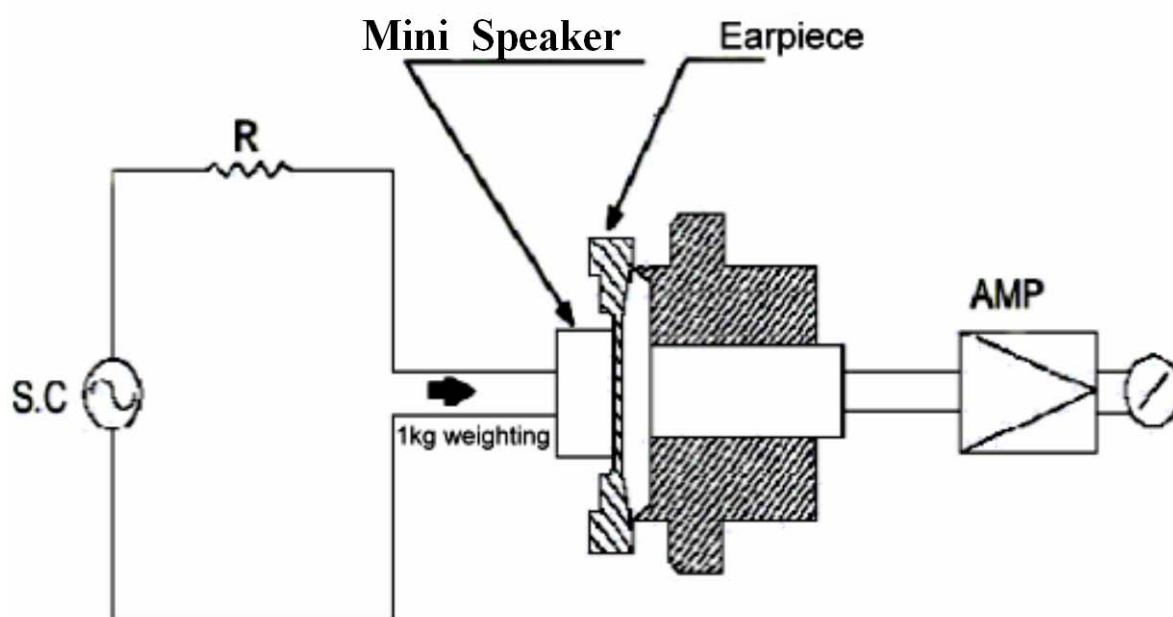
4. TESTING METHOD

• *Standard Measurement conditions*

Temperature: $25 \pm 2^\circ\text{C}$ Humidity: 45-60%

• *Acoustic Characteristics*

In the measuring test, Mini Speaker is placed as follows:





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5. RELIABILITY

ITEMS	METHOD OF TEST AND MEASUREMENTS
High Temp Test	After having been in a test chamber for 16 hours at the condition of $+55^{\circ}\text{C}$ 20%~25% RH and then let 2 hours in a room should satisfy the test described under Normal Impedance and Buzzes & Rattles.
Low Temp Test	After having been in a test chamber for 16 hours at the condition of $-20^{\circ}\text{C}\pm 3^{\circ}\text{C}$ and then let 2 hours in a room should satisfy the test described under Normal Impedance and Buzzes & Rattles.
Humidity Test	After having been in a test chamber for 96 hours at the condition of 40°C 90%~95% RH and then let 4 hours in a room should satisfy the test described under Normal Impedance and Buzzes & Rattles .
Load Test	At 0.25W white noise is applied for 24 hours and then should satisfy the test described under Normal Impedance and Buzzes & Rattles.
Drop Test	Drop the speakers contained in normal box on to the board 5mm thick 2 times from the height of 1.0m Normal Impedance and Buzzes & Rattles .
Operating Temperature	-20°C to $+55^{\circ}\text{C}$