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Product Specification Sheet

4-inch AVAS Speaker without Box

RoHS Compliance & Halogen Free

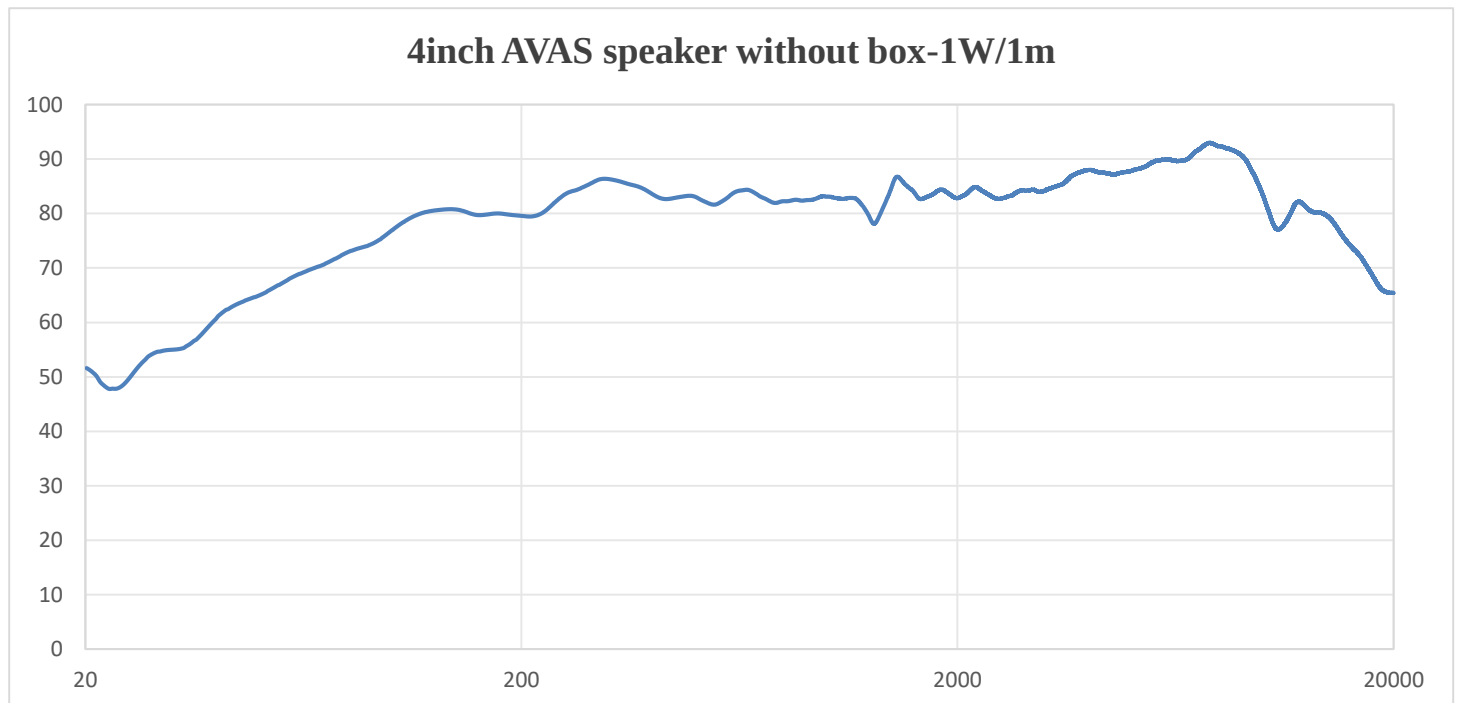
Product : 4-inch AVAS Speaker without Box
Gettop model : XXX
Customer Code : XXX
Version : P/0

Designer	Reviewer	Release date
Hua Huang		

REVISED RECORD		
REVISED NO	REVISED DATE	CONTENTS
1	2025.03.28	REVISED

Technical Specifications	SPK	Nominal Impedance(ACR)	$4\Omega \pm 20\%$, @1000 Hz
		Direct Current Resistance (RE)	$3.7\Omega \pm 15\%$
		Resonance Frequency (F0)	100Hz $\pm 20\%$, @ 1.0V for meter
		Sensitivity (SPL)	86dB ± 2 dB, @1W/1m, 600Hz、800Hz、1kHz、1.2kHz AVE
		Frequency Response (FR)	F0~10kHz
		Rated Power (Po)	15W
		Transient Maximum Power (Pmax)	30W
		Total Harmonics Distortion	$\leq 3\%$, @1W/1m, 1.5F0~20kHz
		Weight	240g $\pm 10\%$
	Pure tone audiometry	Loudspeaker Pure Tone	8.94V, 100Hz~2kHz, 3 cycles, single frequency-sweeping time: 2s, 30 cm from the human ear.

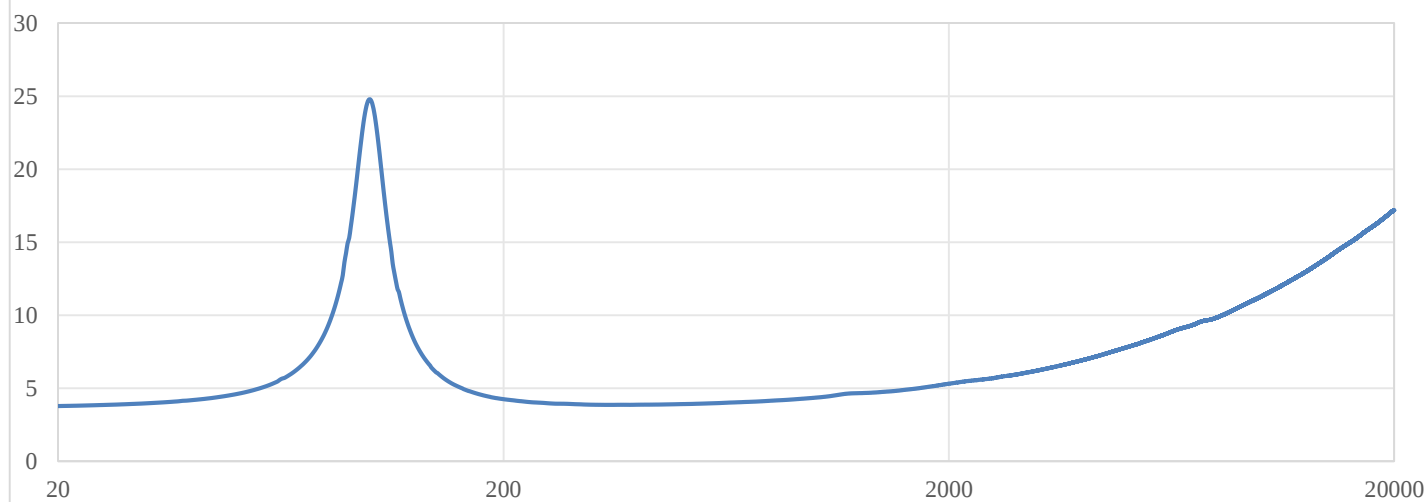
Impedance Curve



Testing instrument: Klippel

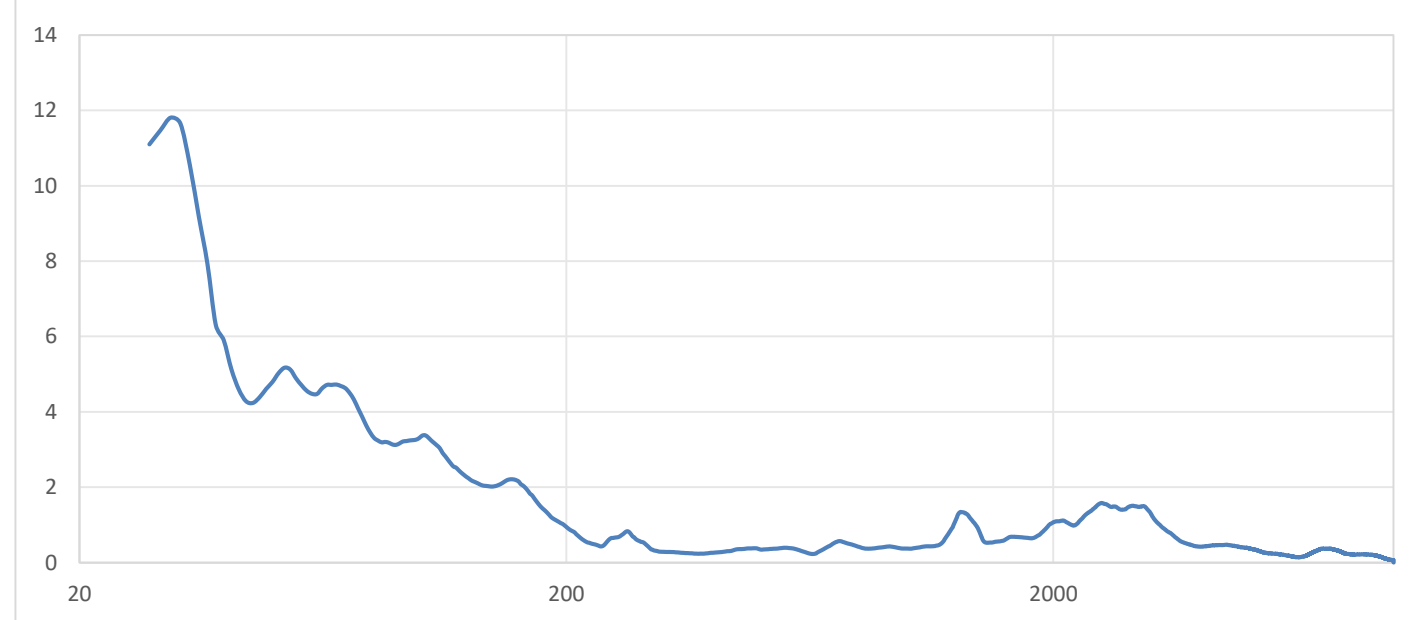
Impedance Curve

4inch speaker without box-1W/1m



Impedance Curve

4inch speaker without box-1W/1m



Testing instrument: Klippel

Measuring Method

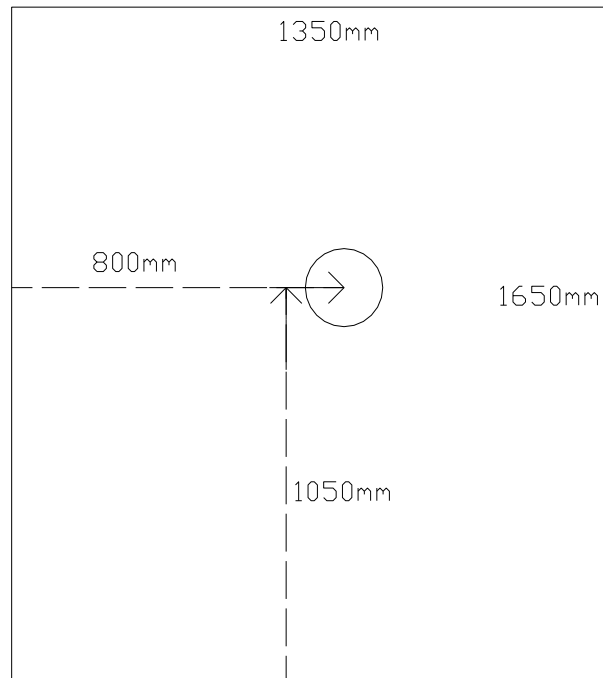


Fig.1 Block Diagram for Measurement Method

Standard test condition of speaker

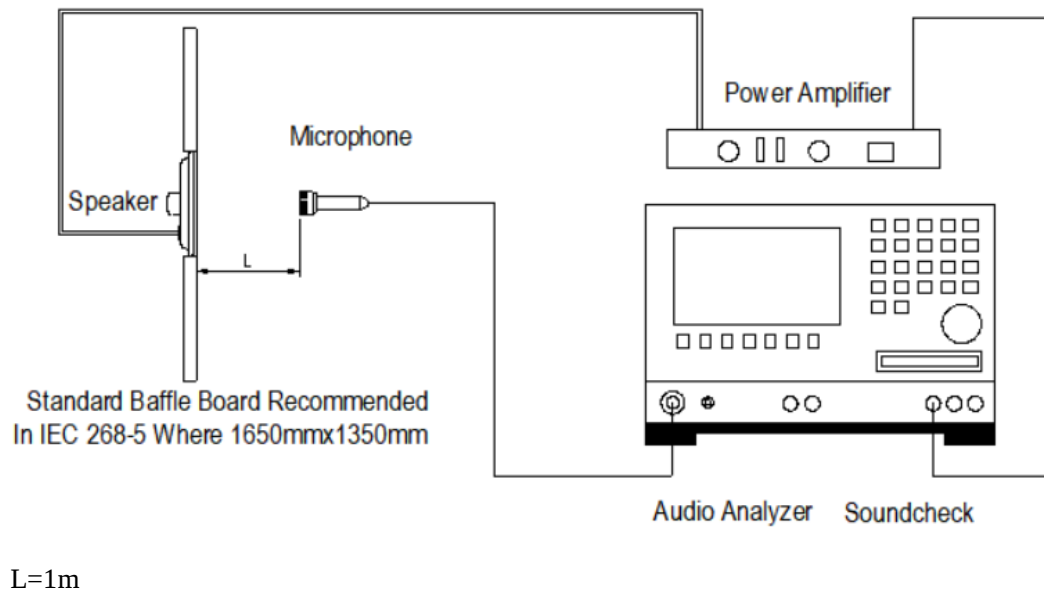


Fig.2 Speaker Test Condition

Speaker drawing:

