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Product Specification Sheet

6.5-inch Rear Door Woofer

RoHS Compliance & Halogen Free

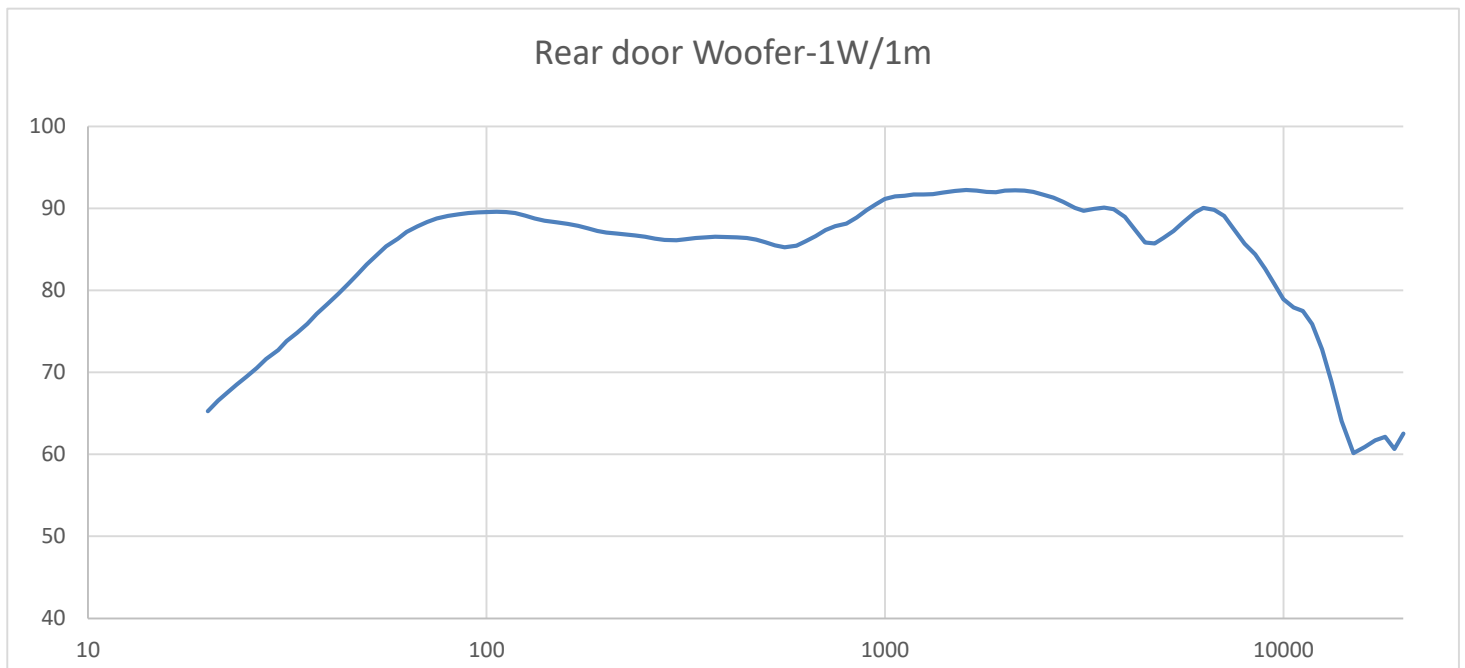
Product : 6.5-inch Rear Door Woofer
Gettop model : XXX
Customer code : XXX
Version : P/0

Designer	Reviewer	Release date
Jiayong Xu		

REVISED RECORD		
REVISED NO	REVISED DATE	CONTENTS
1	2025.02.14	REVISED

Technical Specifications	SPK	Nominal Impedance(ACR)	$4\Omega \pm 20\%$, @200Hz
		Direct Current Resistance (RE)	$3.6 \Omega \pm 15\%$
		Resonance Frequency (F0)	65 Hz $\pm 20\%$
		Sensitivity (SPL)	86dB ± 3 dB, 1W/1m @300Hz、400Hz、500Hz、600Hz AVE
		Frequency Response (FR)	F0~ 10 kHz
		Rated Power (Po)	25 W
		Transient Maximum Power (Pmax)	50 W
		Total Harmonics Distortion	$\leq 2\%$, 1W/1m @1.5F0~20kHz
		Weight	300 $\pm 10\%$ g
	Pure tone audiometry	Loudspeaker Pure Tone	5 V, 40Hz~20kHz,3 cycles, single frequency-sweeping time:2s, 30 cm from the human ear.

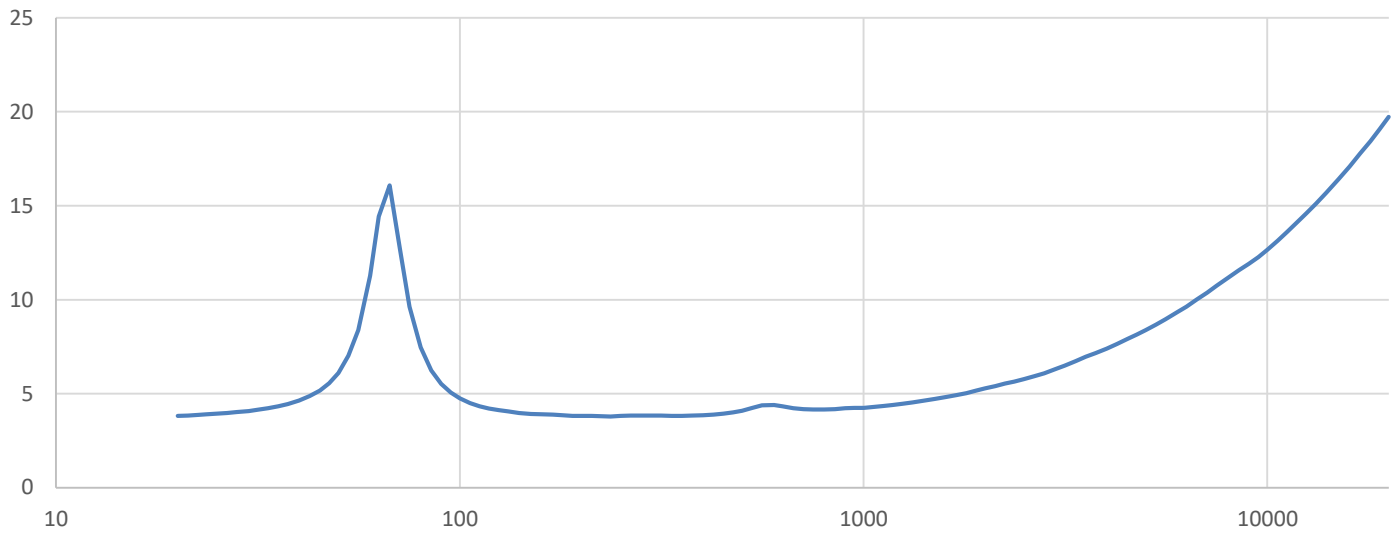
Frequency Response Curve



Testing instrument: Soundcheck

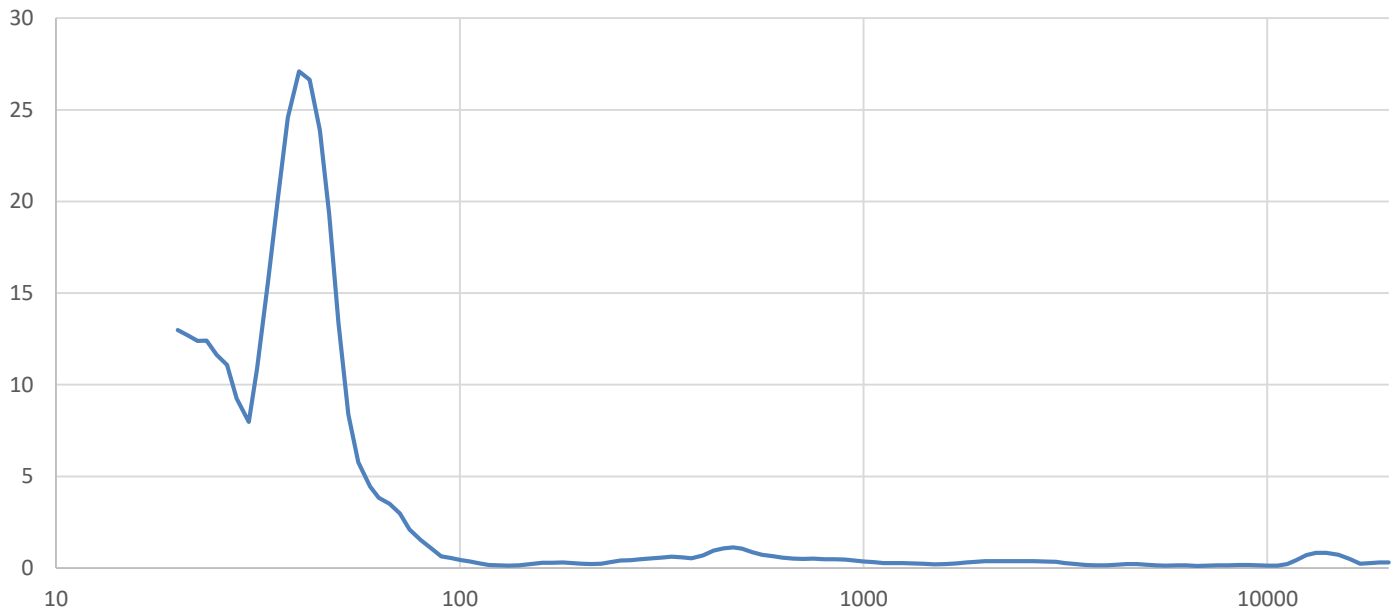
Impedance Curve

Rear door Woofer-1W/1m



Total Harmonics Distortion Curve

Rear door Woofer-1W/1m



Testing instrument: Soundcheck

Measuring Method

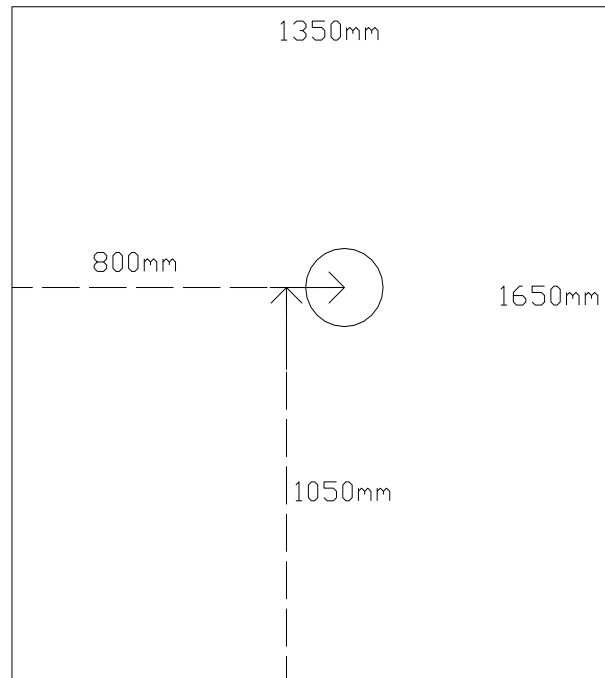


Fig.1 Block Diagram for Measurement Method

Standard test condition of speaker

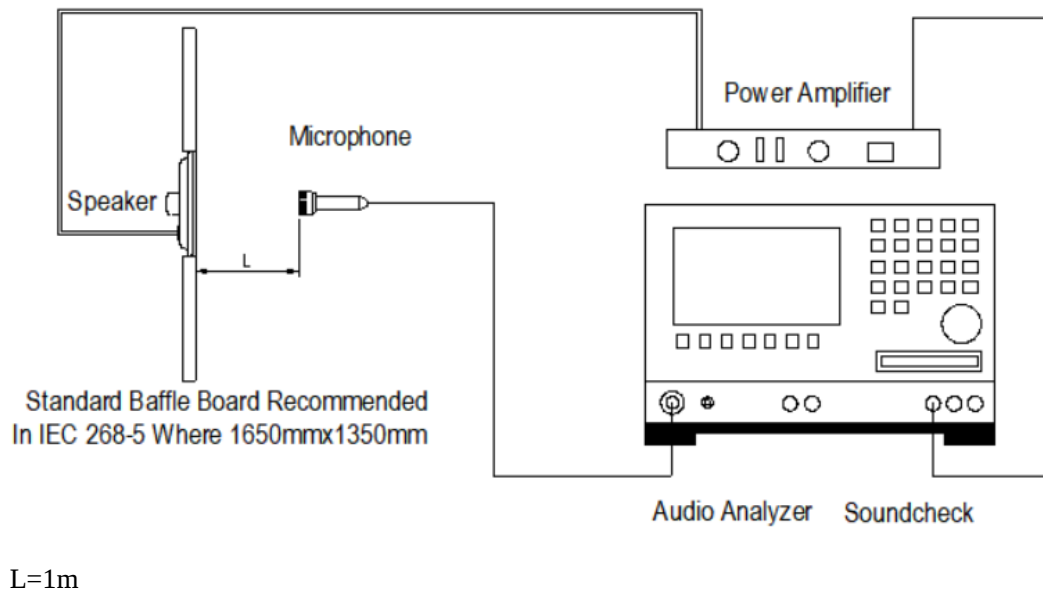


Fig.2 Speaker Test Condition

Speaker drawing:

