

Product Specification Sheet

6.5-inch Front door woofer

RoHS Compliance & Halogen Free

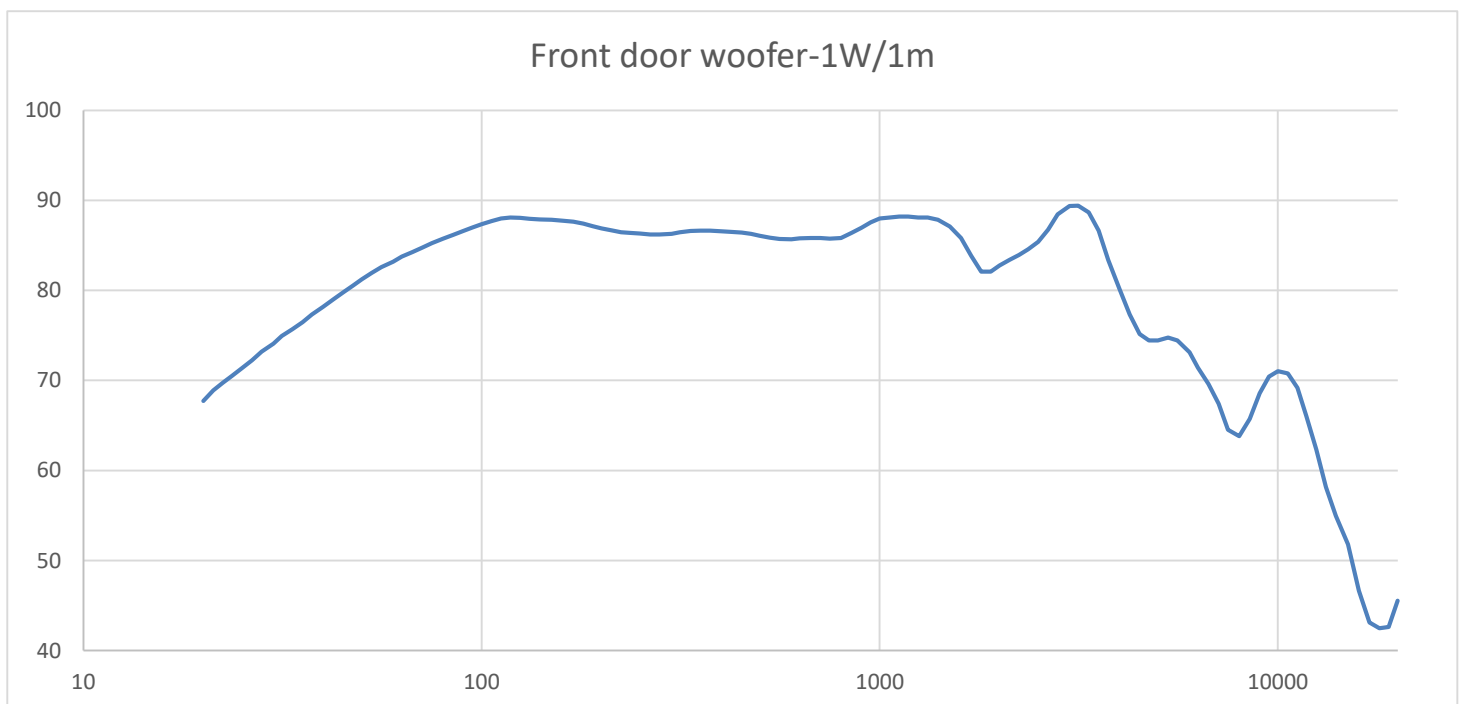
Product : 6.5-inch Front door woofer
Gettop model : XXX
Customer Code : XXX
Version : P/0

Designer	Reviewer	Release date
Jiayong Xu		

REVISED RECORD		
REVISED NO	REVISED DATE	CONTENTS
1	2025.02.14	REVISED

Technical Specifications	SPK	Nominal Impedance(ACR)	$4\Omega \pm 20\%$, @ 150Hz
		Direct Current Resistance (RE)	$3.6\Omega \pm 15\%$
		Resonance Frequency (F0)	$55\text{Hz} \pm 20\%$
		Sensitivity (SPL)	$87\text{dB} \pm 3\text{dB}$, 1W/1m @150Hz、200Hz、250Hz、300Hz AVE
		Frequency Response (FR)	F0~5kHz
		Rated Power (Po)	30W
		Transient Maximum Power (Pmax)	60W
		Total Harmonics Distortion	$\leq 4\%$, 1W/1m @1.5F0~20kHz
		Weight	$400\text{g} \pm 10\%$
	Pure tone audiometry	Loudspeaker Pure Tone	5.5V 50Hz ~20kHz,3 cycles, single frequency-sweeping time:2s, 30 cm from the human ear.

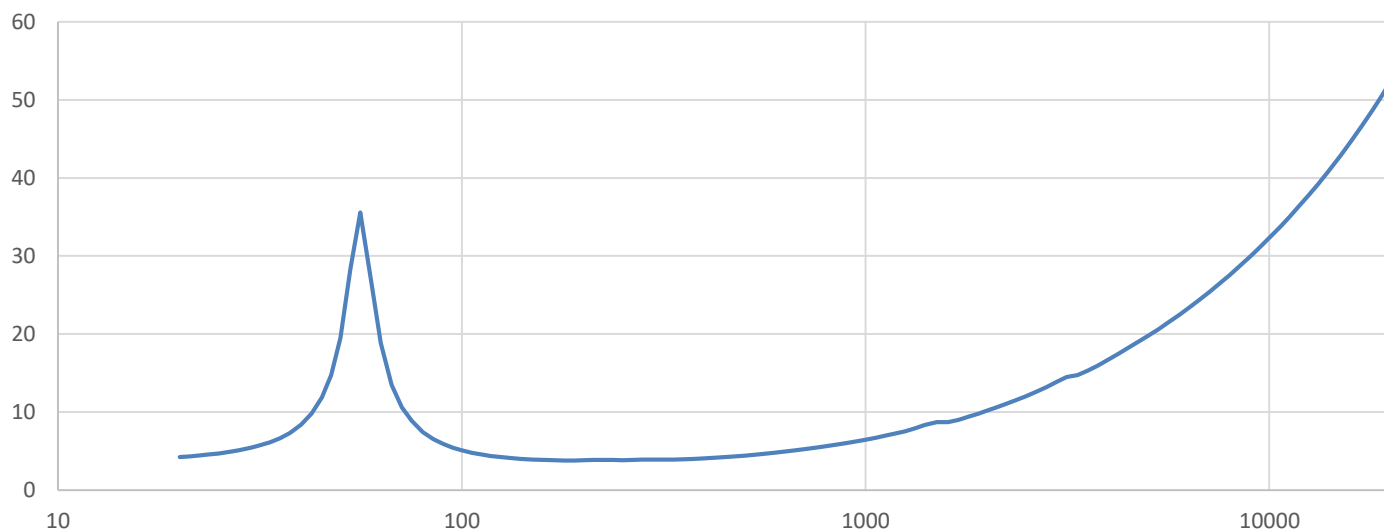
Frequency Response Curve



Testing instrument: Soundcheck

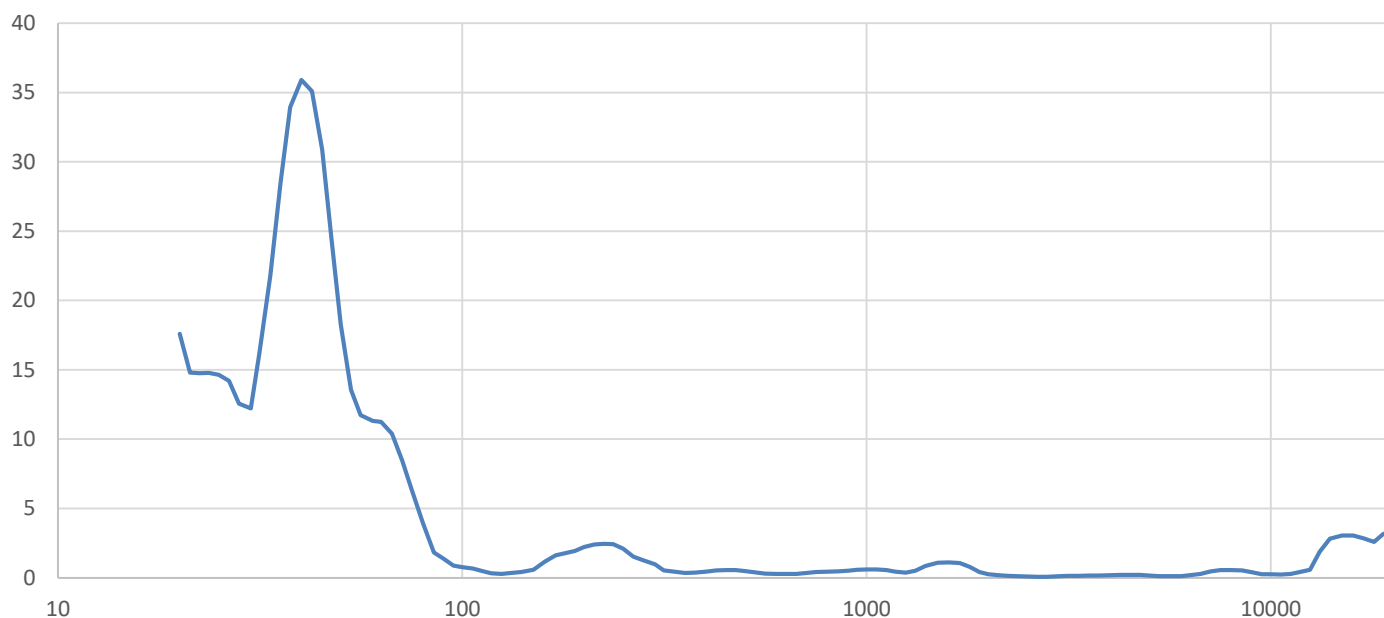
Impedance Curve

Front door woofer-1W/1m



Total Harmonics Distortion Curve

Front door woofer-1W/1m



Testing instrument : Soundcheck

Measuring Method

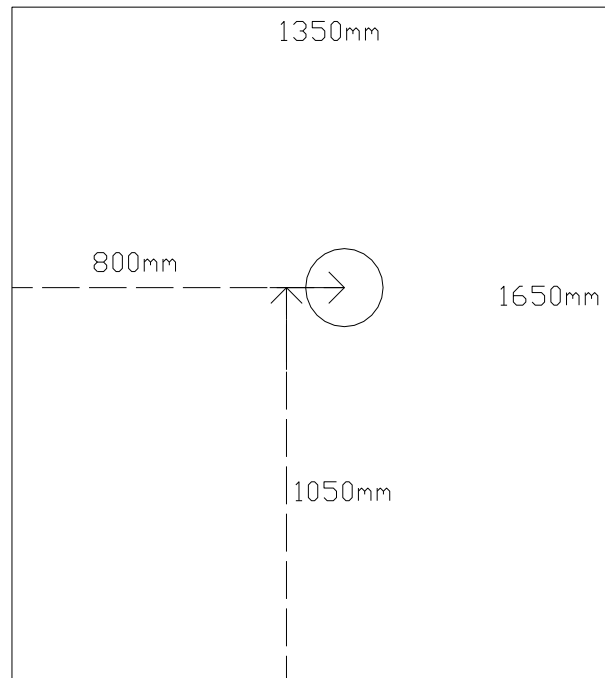


Fig.1 Block Diagram for Measurement Method

Standard test condition of speaker

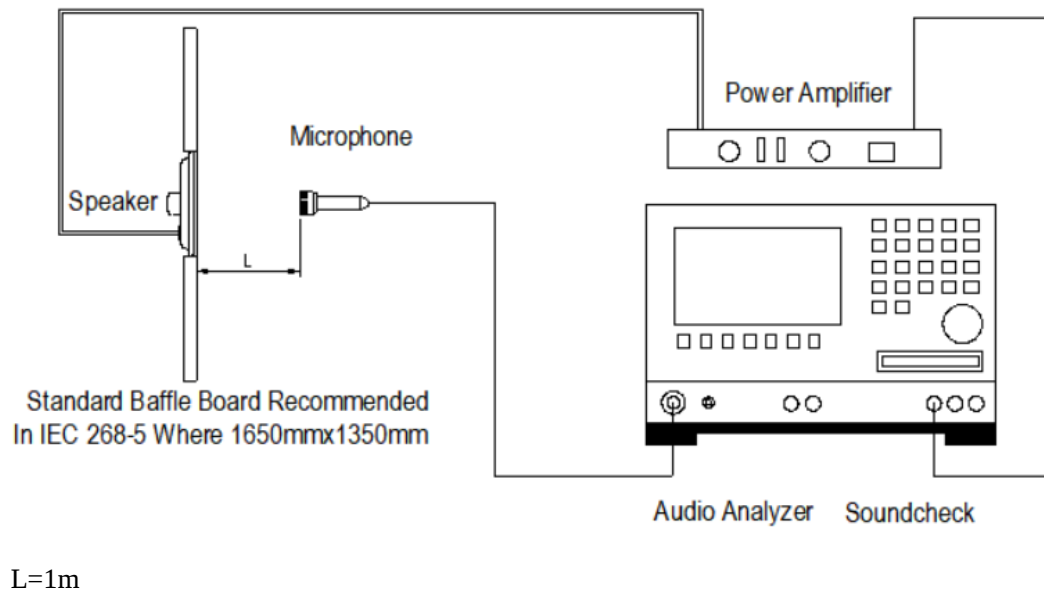


Fig.2 Speaker Test Condition

Speaker drawing :

