

Product Specification Sheet

2-inch E-call Speaker

RoHS Compliance & Halogen Free

Product : 2-inch E-call Speaker
Gettop model : 10610674
Customer Code : XXX
Version : P/0

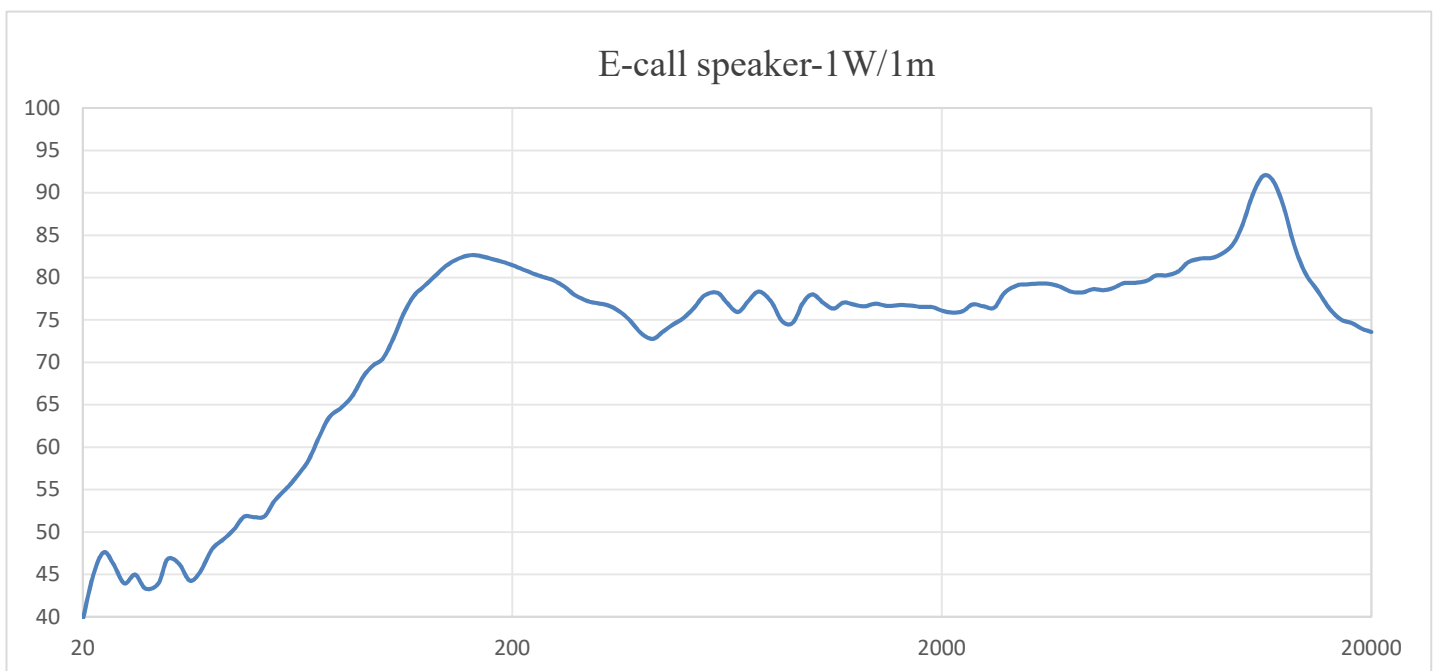
Designer	Reviewer	Release date
Chaolong Ma		

REVISED RECORD		
REVISED NO	REVISED DATE	CONTENTS
1	2024.09.13	REVISED

Technical Specifications	SPK	Nominal Impedance(ACR)	$4\Omega \pm 20\%$, @1000Hz
		Direct Current Resistance (RE)	$3.4\Omega \pm 15\%$
		Resonance Frequency (F0)	$163\text{Hz} \pm 20\%$, @ 1.0V for meter
		Sensitivity (SPL)	78dB $\pm$ 3dB, 1W/1m @600Hz、800Hz、1kHz、1.2kHz AVE
		Frequency Response (FR)	F0~ 12kHz
		Rated Power (Po)	5W
		Transient Maximum Power (Pmax)	10W
		Total Harmonics Distortion	$\leq 5\%$, @1W/1m, 1.5F0~20kHz
		Weight	30g $\pm$ 10%
	Pure tone audiometry	Loudspeaker Pure Tone	4.47V, 100Hz~20kHz, 3 cycles, single frequency-sweeping time:2s, 30 cm from the human ear.

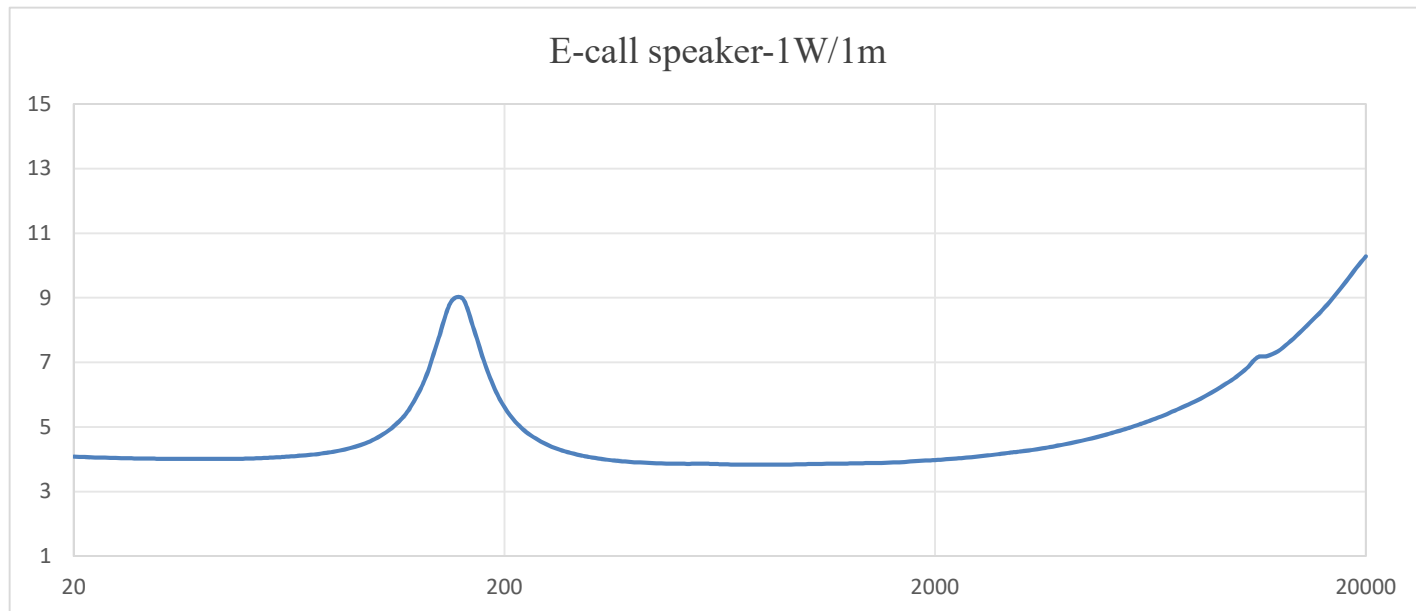
Frequency Response Curve

E-call speaker-1W/1m

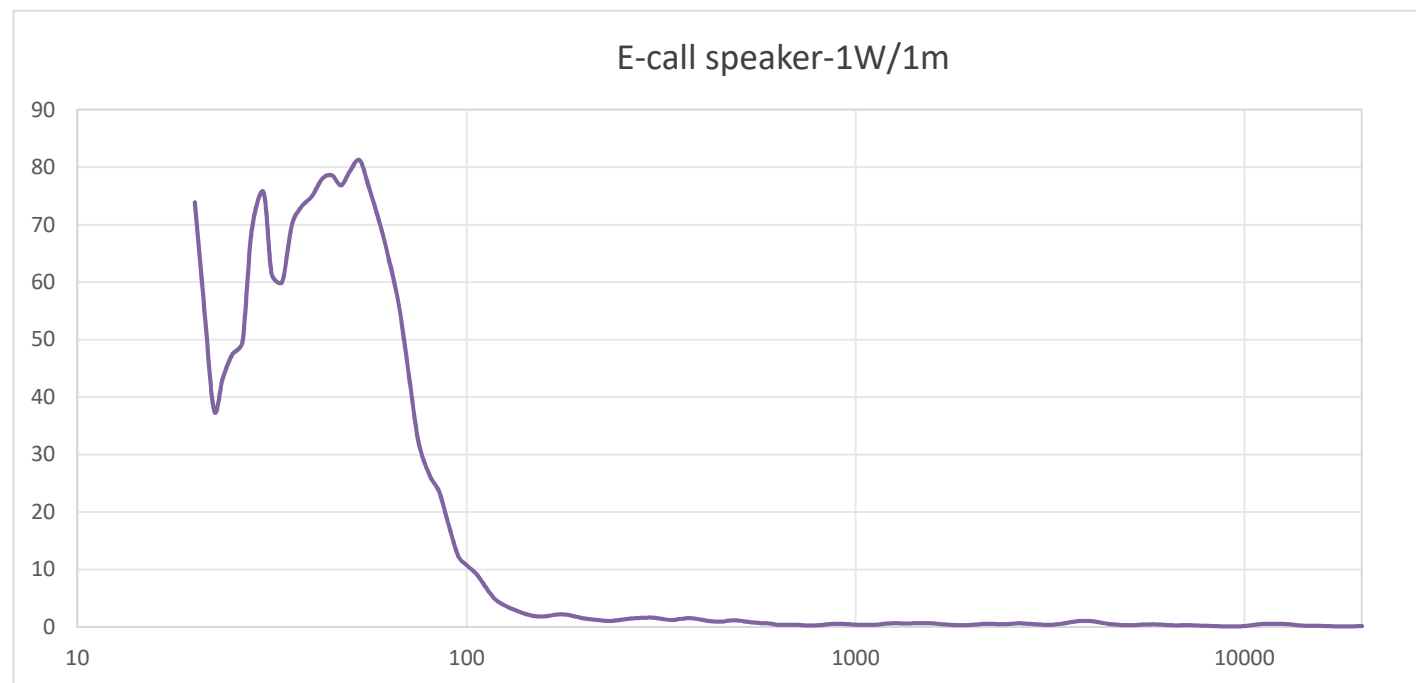


Testing instrument : Soundcheck

Impedance Curve



Total Harmonics Distortion Curve



Testing instrument : Soundcheck

Measuring Method

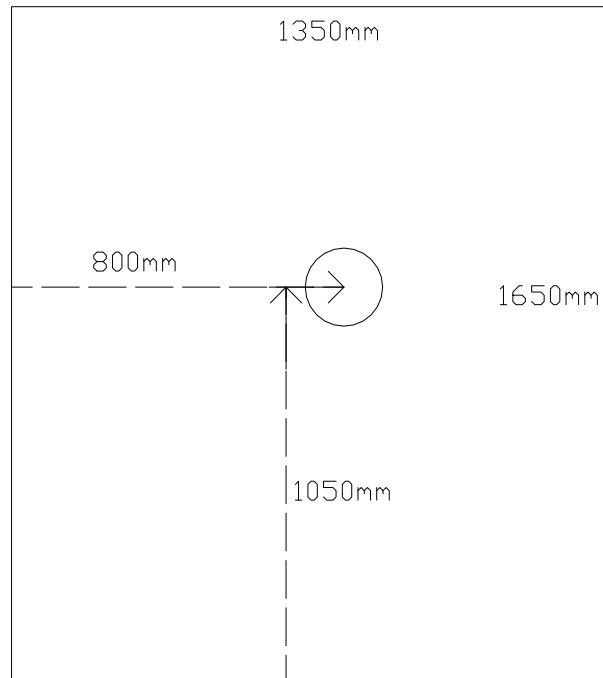


Fig.1 Block Diagram for Measurement Method

Standard test condition of speaker

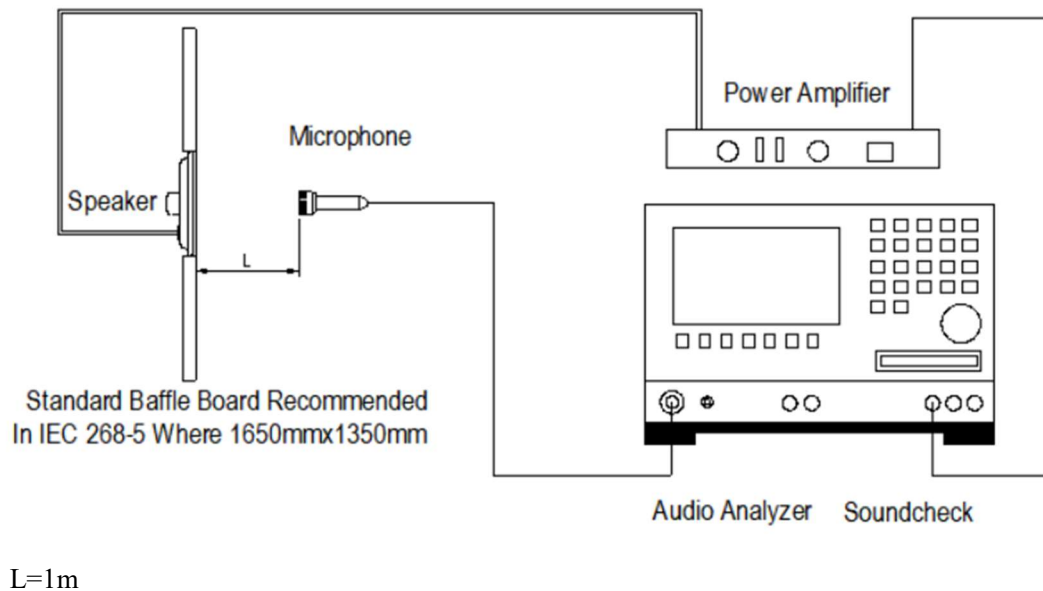


Fig.2 Speaker Test Condition

Speaker drawing:

