

Product Specification Sheet

5.25-inch Woofer

RoHS Compliance & Halogen Free

Product : 5.25-inch Woofer  
Gettop model : XXX  
Customer Code : XXX  
Version : P/0

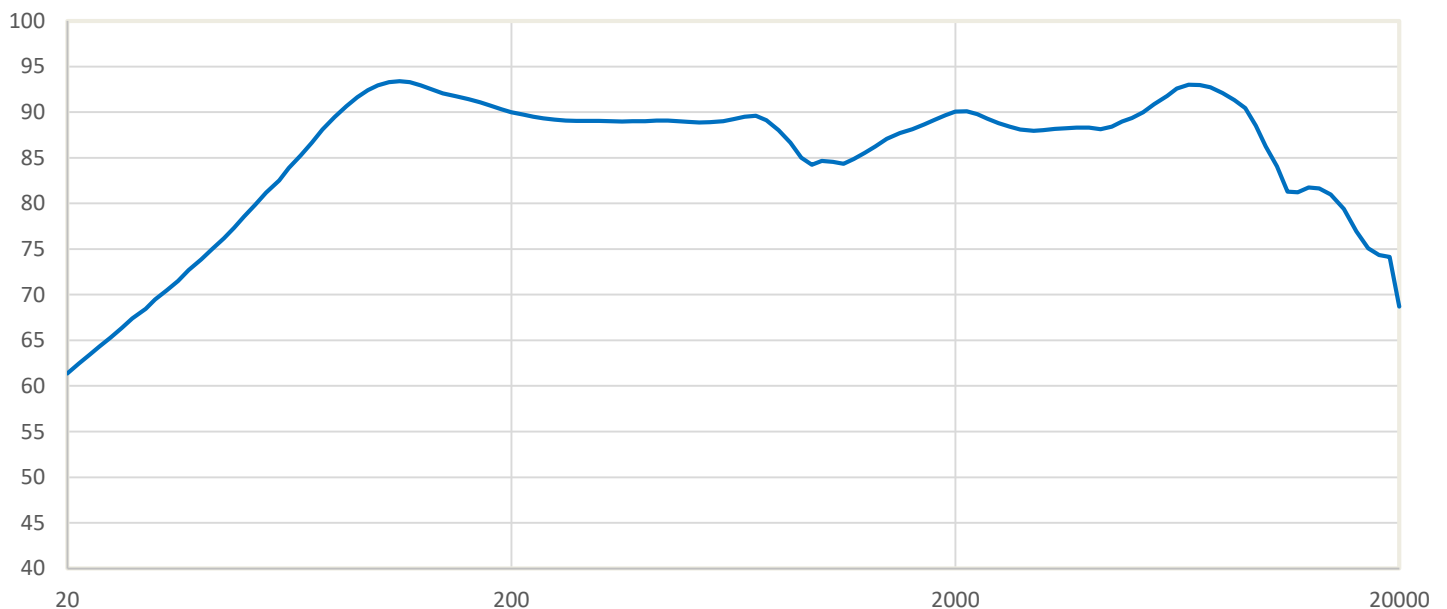
|            |          |              |
|------------|----------|--------------|
| Designer   | Reviewer | Release date |
| Jiayong Xu |          |              |

| REVISED RECORD |              |          |
|----------------|--------------|----------|
| REVISED NO     | REVISED DATE | CONTENTS |
| 1              | 2025.02.14   | REVISED  |
|                |              |          |
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|                          |                      |                                |                                                                                             |
|--------------------------|----------------------|--------------------------------|---------------------------------------------------------------------------------------------|
| Technical Specifications | SPK                  | Nominal Impedance(ACR)         | $4\Omega \pm 20\%$ , @ 300Hz                                                                |
|                          |                      | Direct Current Resistance (RE) | $3.6\Omega \pm 15\%$                                                                        |
|                          |                      | Resonance Frequency (F0)       | $95\text{Hz} \pm 15\%$                                                                      |
|                          |                      | Sensitivity (SPL)              | $88\text{dB} \pm 3\text{dB}$ , 1W/1m @300Hz、400Hz、500Hz、600Hz AVE                           |
|                          |                      | Frequency Response (FR)        | F0~15kHz                                                                                    |
|                          |                      | Rated Power (Po)               | 15W                                                                                         |
|                          |                      | Transient Maximum Power (Pmax) | 30W                                                                                         |
|                          |                      | Total Harmonics Distortion     | $\leq 5\%$ , 1W/1m @1.5F0~20kHz                                                             |
|                          |                      | Weight                         | $315\text{g} \pm 10\%$                                                                      |
|                          | Pure tone audiometry | Loudspeaker Pure Tone          | 7.75V 95Hz ~20kHz,3 cycles, single frequency-sweeping<br>time:2s, 30 cm from the human ear. |

### Frequency Response Curve

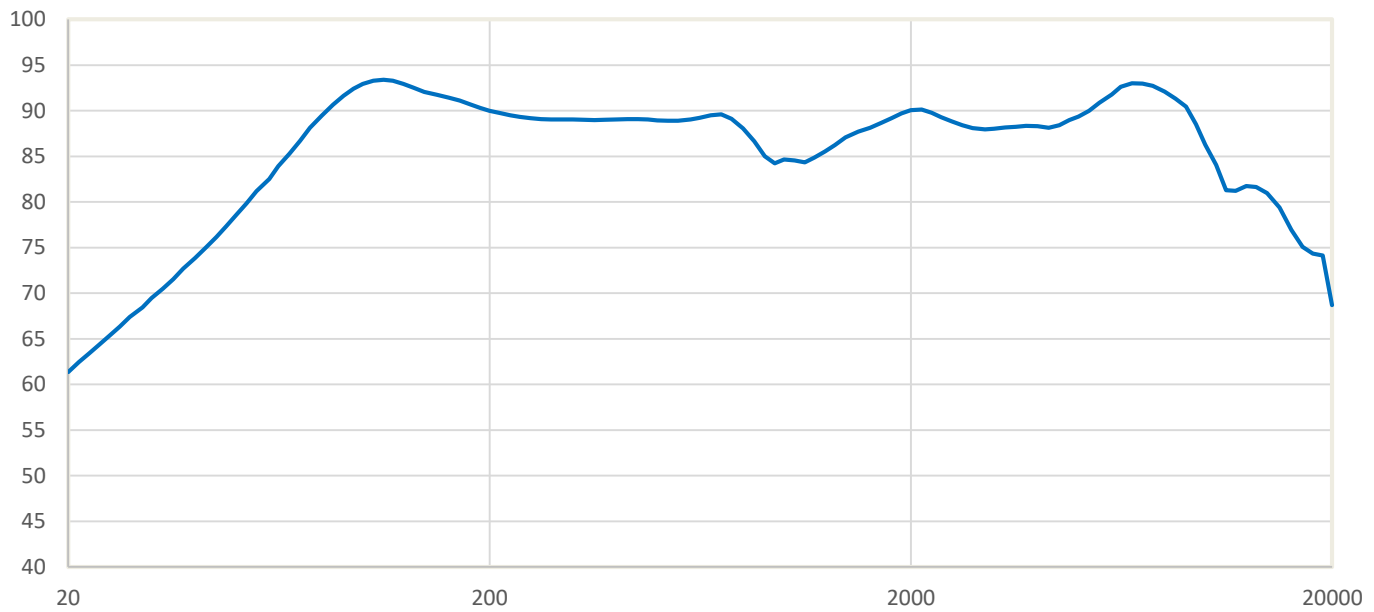
5.25-inch Woofer-1W/1m



Testing instrument: Soundcheck

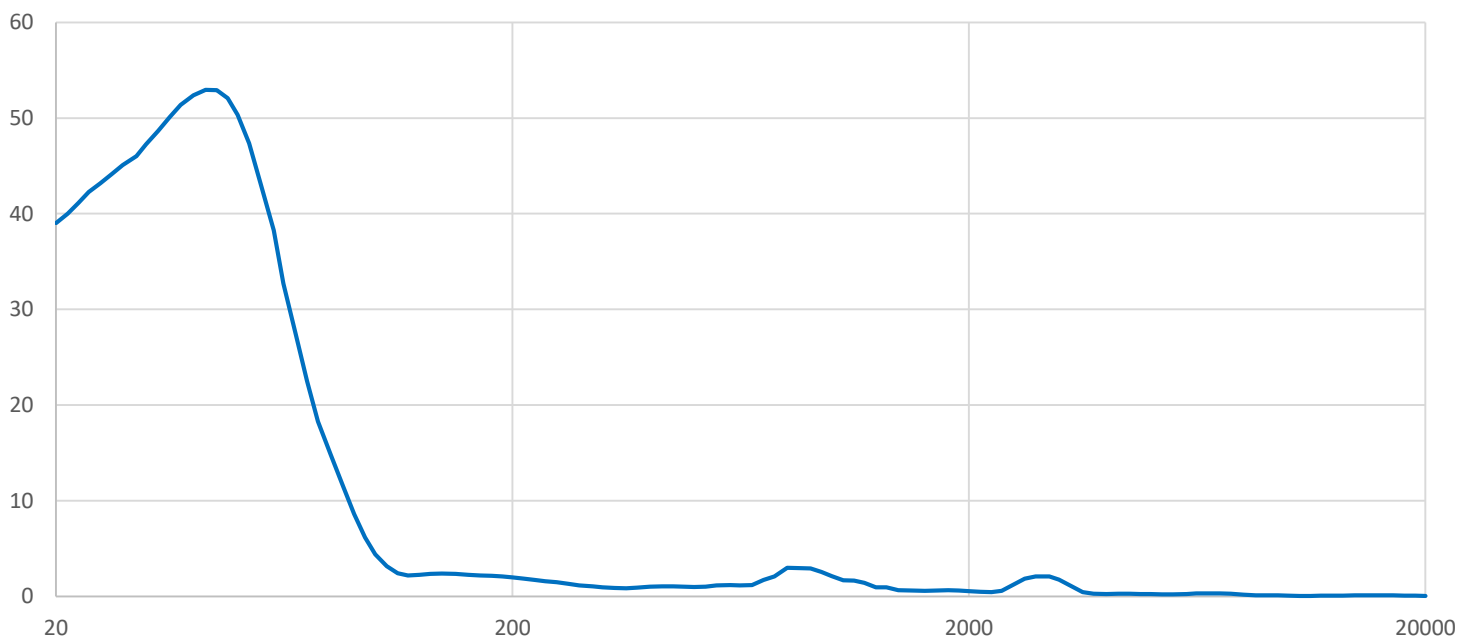
## Impedance Curve

5.25-inch Woofer-1W/1m



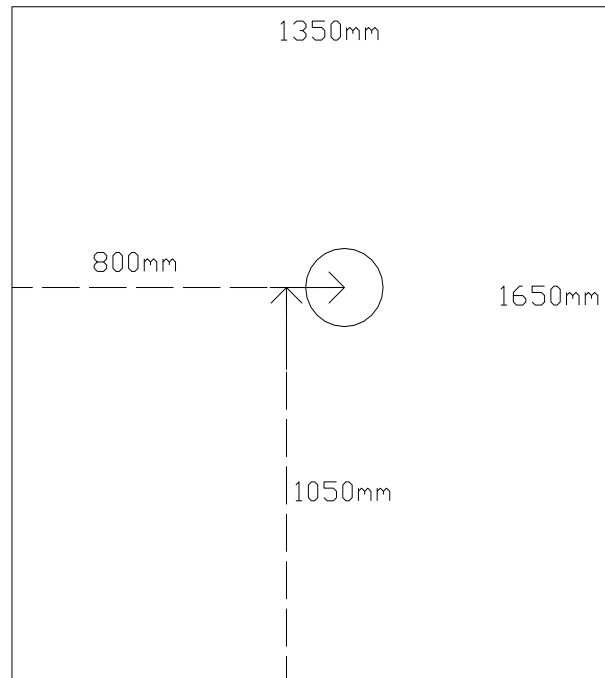
## Total Harmonics Distortion Curve

5.25-inch Woofer-1W/1m



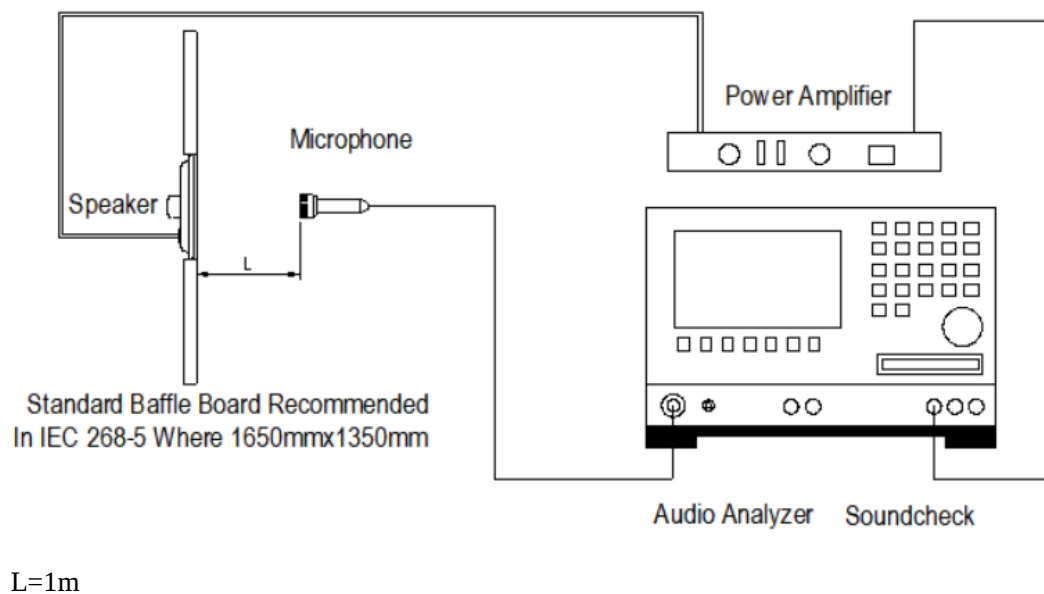
Testing instrument : Soundcheck

## Measuring Method



**Fig.1 Block Diagram for Measurement Method**

### Standard test condition of speaker



**Fig.2 Speaker Test Condition**

