

MODEL: CDSM-6631-48 | **DESCRIPTION:** SPEAKER**FEATURES**

- compatible with IEC 60601 applications
- cloth & paper cone
- 110 dB @ 4 W/0.1 m

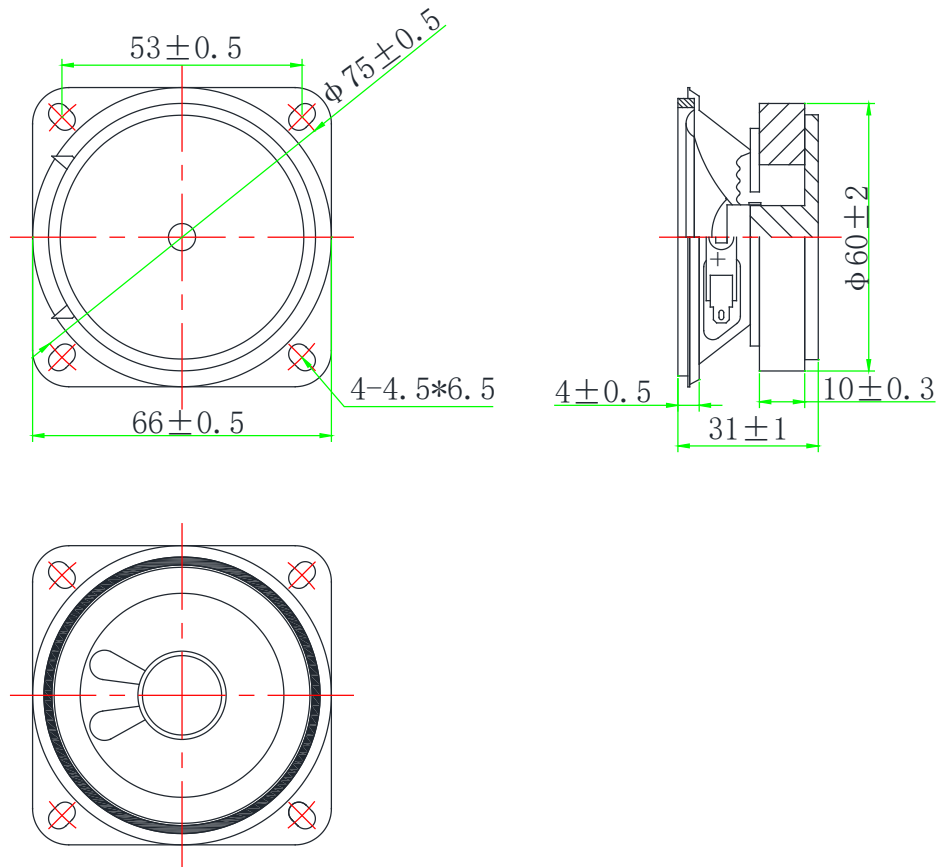
**SPECIFICATIONS**

| parameter | conditions/description | min | typ | max | units |
|-------------------------|--|-----|-----|--------|----------|
| input power | max power: IEC-60268-5, filter 60 s on/120 s off, 10 cycles at room temp | | 4.0 | 5.0 | W |
| impedance | at 2.0 kHz, 1.0 V | 6.8 | 8 | 9.2 | Ω |
| resonant frequency (Fo) | at 1.0 V | 160 | 200 | 240 | Hz |
| frequency response | | Fo | | 20,000 | Hz |
| sound pressure level | at 4.0 W, 0.1 m, avg at 0.8, 1.0, 1.2, 1.5 kHz | 107 | 110 | 113 | dB |
| distortion | at 1.0 kHz, rated power | | | 5 | % |
| buzz, rattle, etc. | must be normal at sine wave, frequency range Fo~5 kHz | | | 5.76 | V |
| polarity | cone moves forward w/ positive dc current to "+" terminal | | | | |
| dimensions | 66 x 66 x 31 | | | | mm |
| magnet | Nd-Fe-B | | | | |
| frame material | SPCC | | | | |
| cone material | cloth+paper | | | | |
| terminal | solder eyelets | | | | |
| weight | | | 204 | | g |
| operating temperature | | -20 | | 60 | °C |
| storage temperature | | -30 | | 70 | °C |
| hand soldering | for maximum 3 seconds | 370 | 380 | 390 | °C |
| RoHS | yes | | | | |

Notes: 1. All specifications measured at 15~35°C, humidity at 45~85%, under 86~106 kPa pressure, unless otherwise noted.

MECHANICAL DRAWING

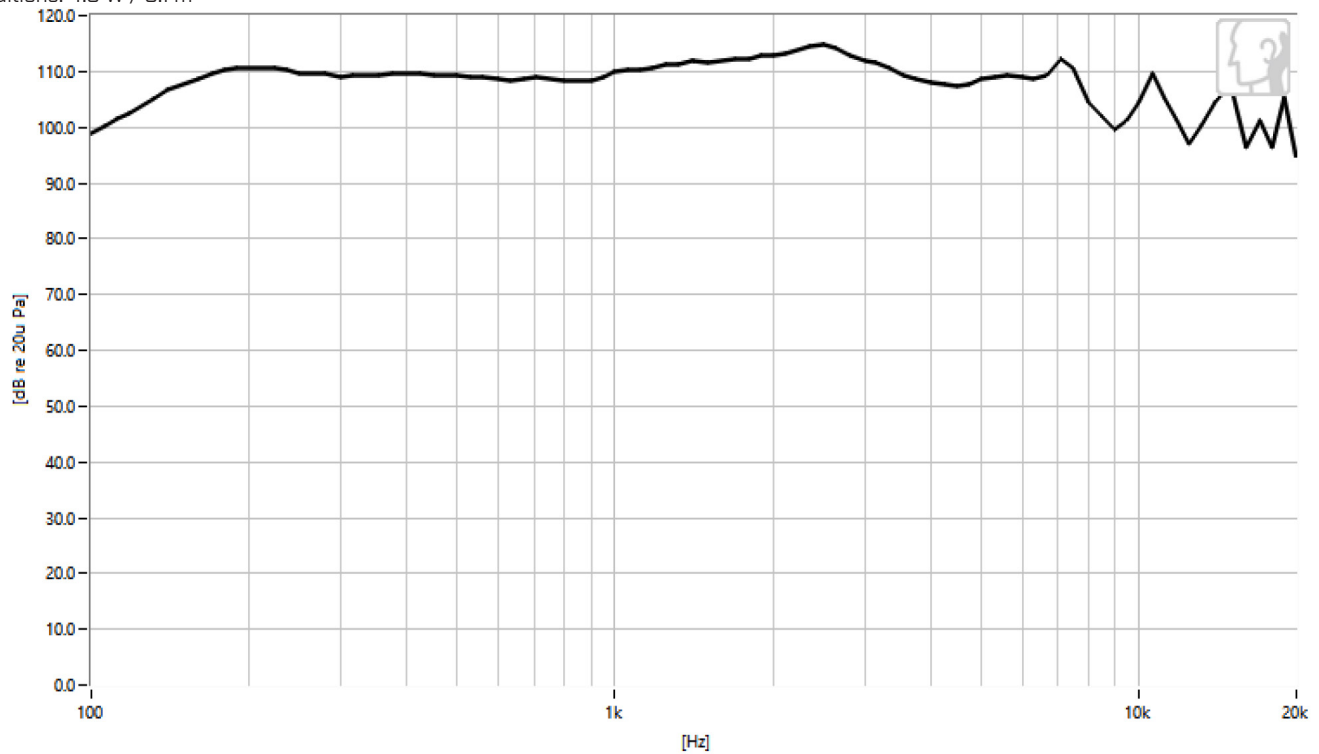
units: mm
tolerance: ± 0.5 mm



RESPONSE CURVES

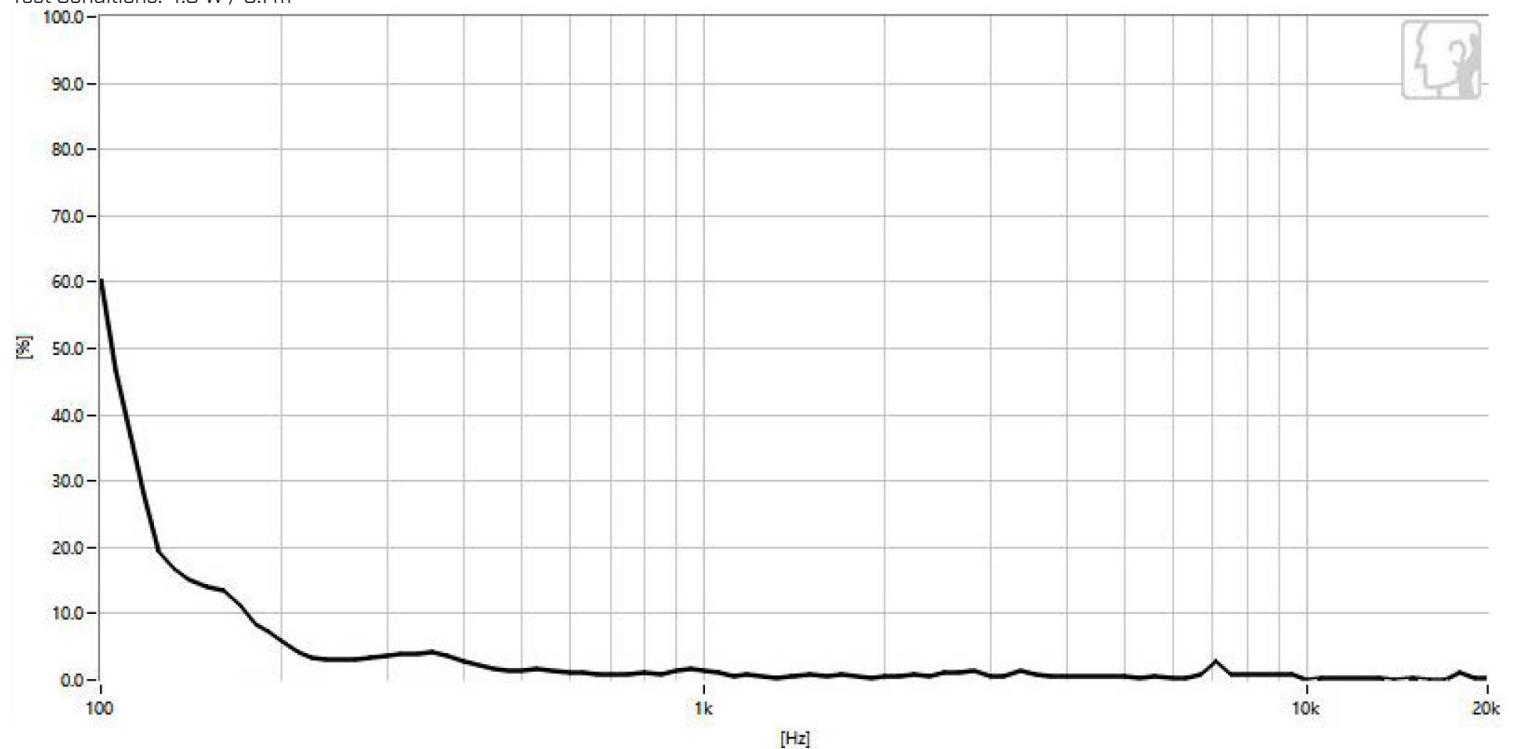
Frequency Response Curve

Test Conditions: 4.0 W / 0.1 m



Total Harmonic Distortion Curve

Test Conditions: 4.0 W / 0.1 m



REVISION HISTORY

| rev. | description | date |
|------|-----------------|------------|
| 1.0 | initial release | 01/03/2024 |

The revision history provided is for informational purposes only and is believed to be accurate.



CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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