



MODEL: CTW-3914-108SE | DESCRIPTION: TWEETER

FEATURES

- tweeter
- Fo 1700 Hz
- polyester diaphragm



SPECIFICATIONS

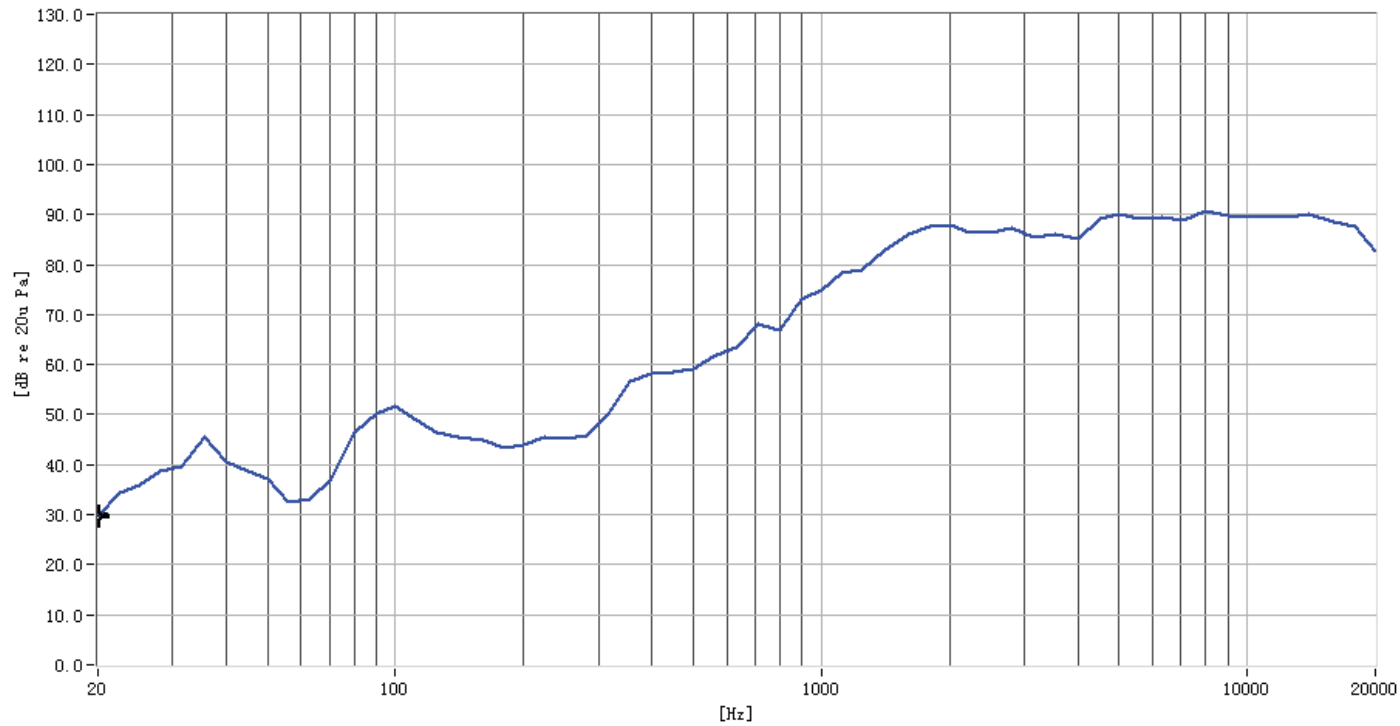
| parameter               | conditions/description                                                | min   | typ   | max    | units              |
|-------------------------|-----------------------------------------------------------------------|-------|-------|--------|--------------------|
| input power             |                                                                       |       | 10.0  | 15.0   | W                  |
| impedance               | DCR<br>at 4.5 kHz, 1.0 W                                              | 7.068 | 7.600 | 8.132  | $\Omega$           |
|                         |                                                                       | 6.8   | 8.0   | 9.2    | $\Omega$           |
| resonant frequency (Fo) | at 1.0 W                                                              | 1,360 | 1,700 | 2,040  | Hz                 |
| frequency response      |                                                                       | Fo    |       | 20,000 | Hz                 |
| sound pressure level    | at 1.0 W, 1 m, ave at 2.0, 3.0, 4.0, 6.0 kHz                          | 84    | 87    | 90     | dB                 |
| distortion              | at 2.0 kHz, 1 W                                                       |       |       | 10     | %                  |
| pure sound detection    | input signal: sine wave from 1,500 to 8,000 Hz for 3 seconds/2 cycles |       | 6.32  |        | V                  |
| polarity                | cone moves backwards w/ positive dc current to “+” terminal           |       |       |        |                    |
| dimensions              | $\varnothing 39.5 \times 14.0$                                        |       |       |        | mm                 |
| magnet                  | Nd-Fe-B                                                               |       |       |        |                    |
| frame material          | ABS                                                                   |       |       |        |                    |
| cone material           | polyester                                                             |       |       |        |                    |
| terminal                | solder terminals                                                      |       |       |        |                    |
| weight                  |                                                                       | 28.8  | 32.0  | 35.2   | g                  |
| operating temperature   |                                                                       | -25   |       | 55     | $^{\circ}\text{C}$ |
| storage temperature     |                                                                       | -25   |       | 55     | $^{\circ}\text{C}$ |
| hand soldering          | for maximum 3 seconds                                                 | 350   | 380   | 410    | $^{\circ}\text{C}$ |
| RoHS                    | yes                                                                   |       |       |        |                    |

Notes: 1. All specifications measured at 20±2°C, humidity at 63-67%, under 86-106 kPa pressure, unless otherwise noted.

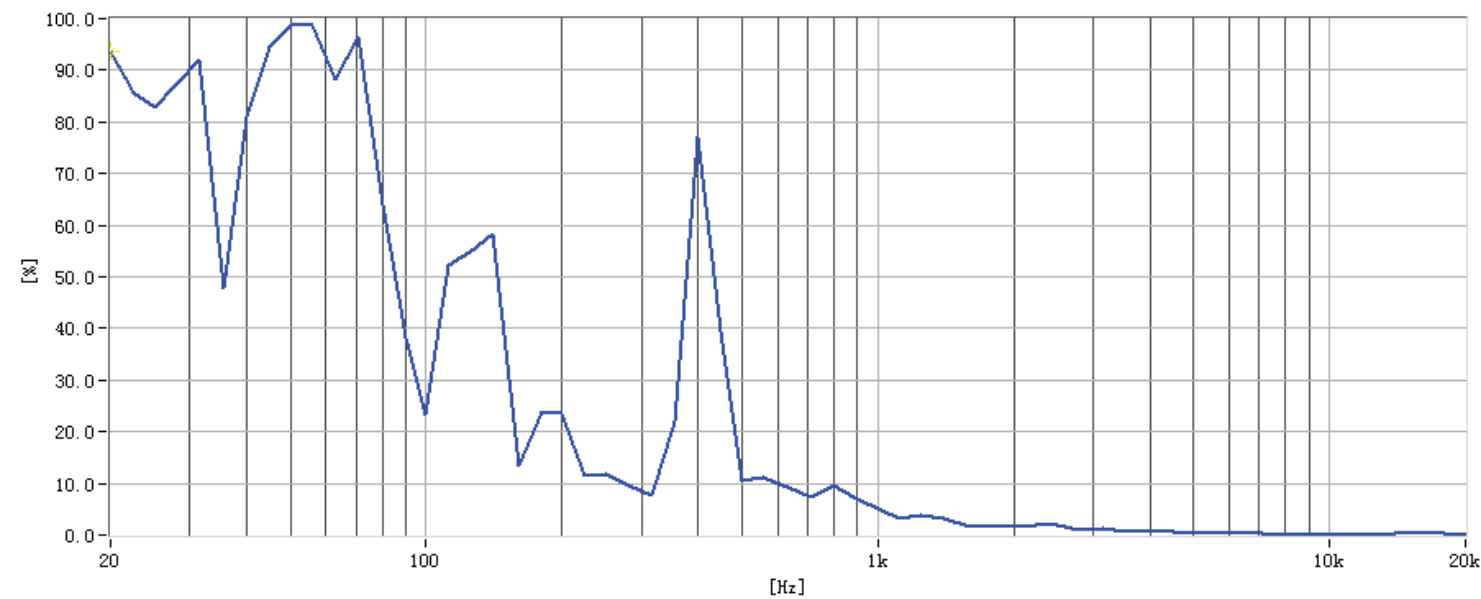


RESPONSE CURVES

Frequency Response Curve



Total Harmonic Distortion Curve



REVISION HISTORY

| rev. | description                       | date       |
|------|-----------------------------------|------------|
| 1.0  | initial release                   | 04/23/2024 |
| 1.01 | CUI Devices rebranded to Same Sky | 09/11/2024 |

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



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

Same Sky reserves the right to make changes to the product at any time without notice. Information provided by Same Sky is believed to be accurate and reliable. However, no responsibility is assumed by Same Sky for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

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