



Tone Mk2 Loudspeaker Specifications

March 1 2010

Zu Audio

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Design Tone is a high efficiency, high output, direct radiating bookshelf, tabletop, or stand-mount loudspeaker. Tone features Zu's 10" full-range driver and is complimented by a composite dome time-aligned super-tweeter. The loudspeaker system is capable of well defined, very low distortion amplitude and phase response for excellent on, and off axis tonal accuracy. And as is the Zu tradition, Tone is also capable of full scale realistic dynamic range.

Version Mark 2

Launch February 2010

HWD 16" tall x 11" wide x 7" deep (41 x 28 x 18 cm) | full depth with driver trim and binding post = 9½" (24cm)

Footprint 11" wide x 7" deep (28 x 18 cm)

Weight 27 pounds each (12.3 kgs)

Packaged two per shipping box, 70 pounds (32 kgs)

Driver Compliment Zu matched and burned-in Zu260FRD/G3 + super tweeter (full Zu Druid Mk4/08 standards)

Component Tolerance 0.1%

Recommended Connector ¼" spade (6.3 mm fork)

Accepted Connector standard & oversized spades ¼" ring lugs bare wire pin banana (bananas are clamped not socketed)

Efficiency 97 dB @ 1 Watt, 1 meter (94 dB @ 2.83V) Also see published in-room response measures

Impedance 12 Ω (9Ω min @250Hz—see published impedance sweep)

Average Room / Moderate Volume 4 - 15 Watt

Large Room / Loud 15 - 45 Watt

Max Music Input Power 200 Watt

Bandwidth 40 - 30,000

Group Delay < 5 ms

Dynamic Range 118 dB

Horizontal Listening Window 50°

Vertical Listening Window 45°

Crossover single-order high-pass on super-tweeter. No networks on full-range driver

Internal Cabling Ibis half mass

Cabinet MDF + Zu composites

Spike / Feet Insert Thread none

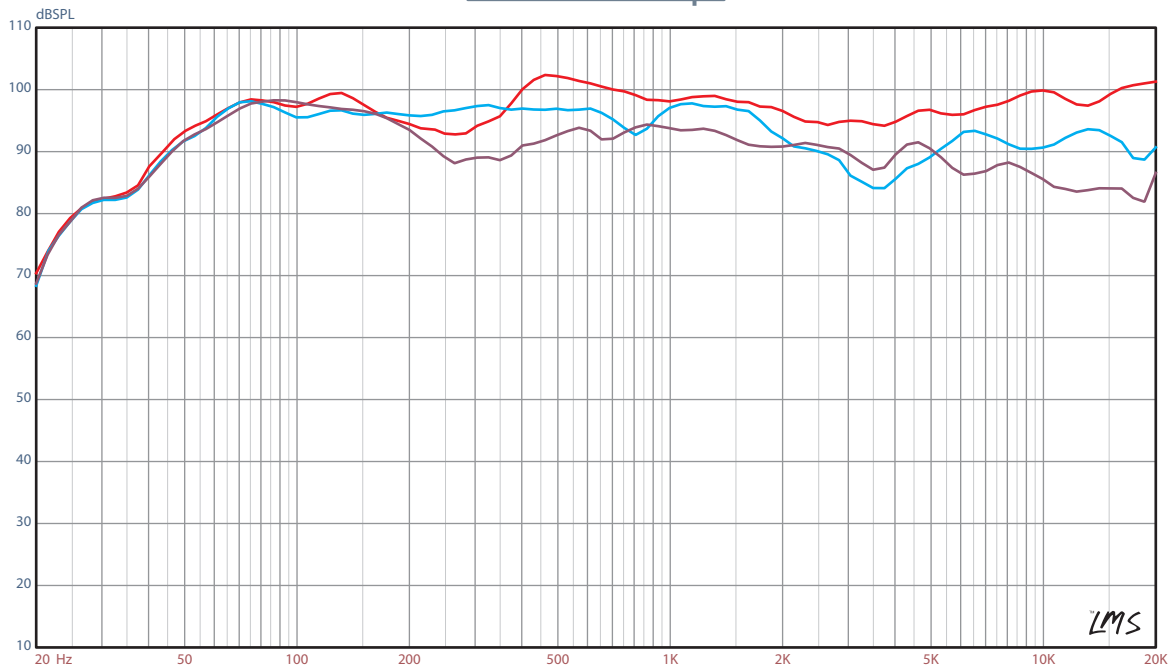
Included With Loudspeaker Guidebook, binding lug polish, FRD protection disks

Life Expectancy 200 years on cabinet, 100 years or more on driver assembly

Warranty & Service 5 years limited, does not cover misuse or abuse. Tone is designed to be field



SPL vs Freq



Map

- 1: SPL RMS on axis
- 4: SPL -30° horizontal
- 6: SPL -30° vertical

Notes

Tone Mk2 | Actual in-room bookshelf measures
 68F / 4200' / 30% humidity / 1W-1m
 02/28/2010



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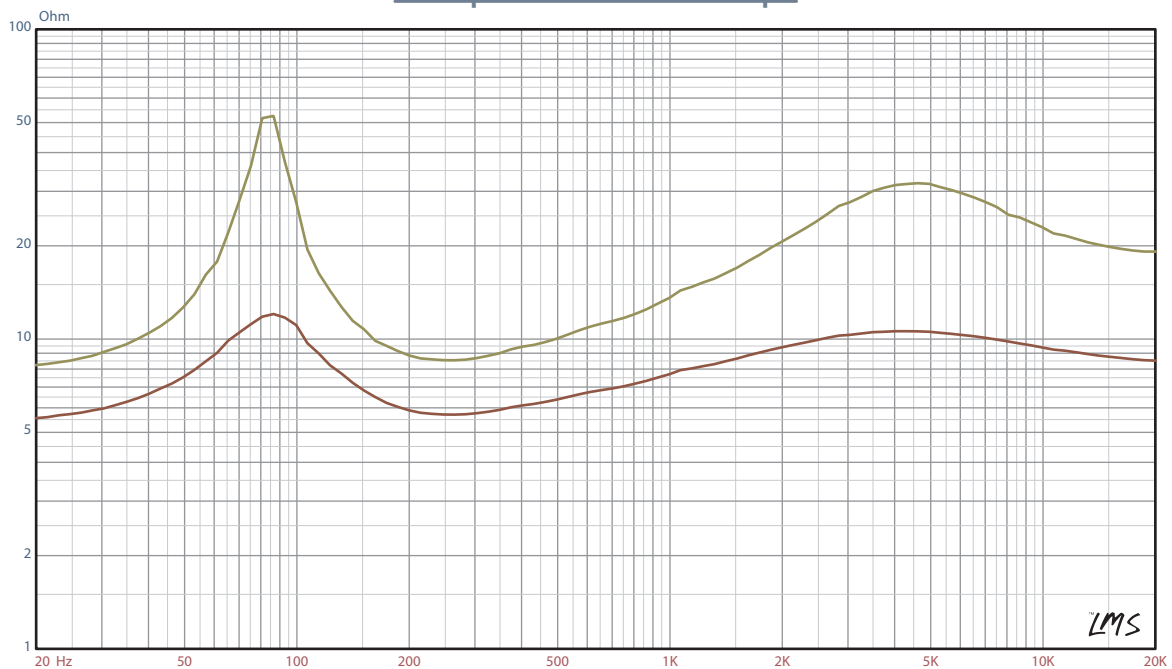
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Company: Zu Audio

Project: Tone Mk2 Tests & Measures
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Impedance vs Freq



Map

- 8: Tone Mk2 Impedance [Z (R+jX)]
- 9: (Z with 15 Ohm Parallel Resistor)

Notes

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9 = parallel resistor connected on back of binding post results in an 8 Ohm nominal load. Some solid state amplifiers will sound better with Tone plus parallel 15 Ohm power resistor.



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Person: Sean Casey
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