

RAQ-33862-000
Full-Range Driver

Balanced Armature Driver

Premium Audio



Typical Performance at 1kHz

Impedance	53	Ohms
Sensitivity to 100mV	106	dB SPI
Sensitivity to 1mW	112	dB SPL
Max SPL ^a	119	dB SPL
THD at 94dB SPL	0.4	%
THD at 100dB SPL	06	%

Testing Condition

using 100mV rms drive signal

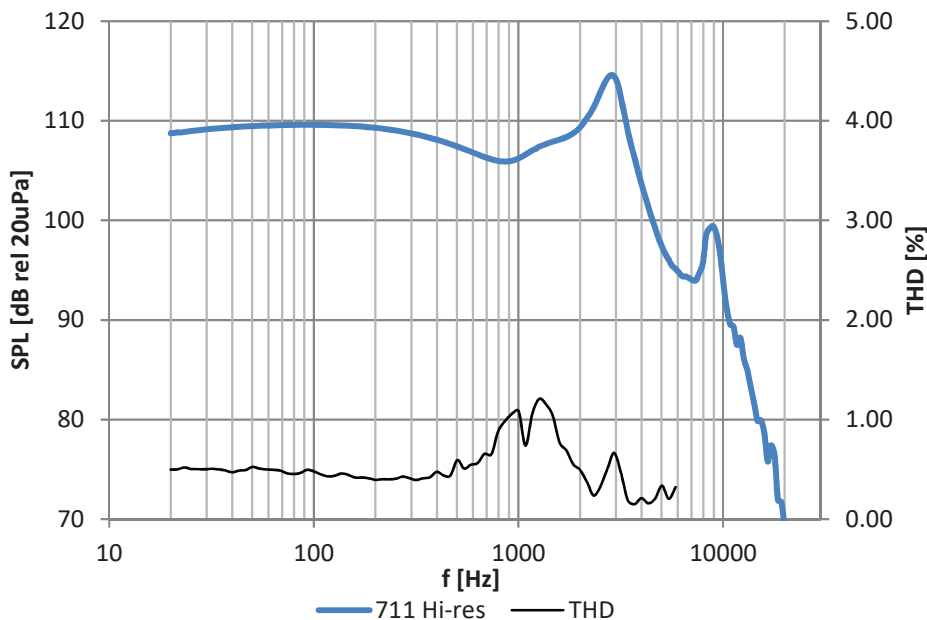
— 711 Hi-RES GRAS 403
— THD



Product Features

- Highly automated assembly for consistent volume production
- Full traceability at unit level
- Exceptionally small full-range driver
- Ideal for TWS hearables and OTC hearing aids where small size is critical

Frequency Response and THD



a) SPL at 10% THD



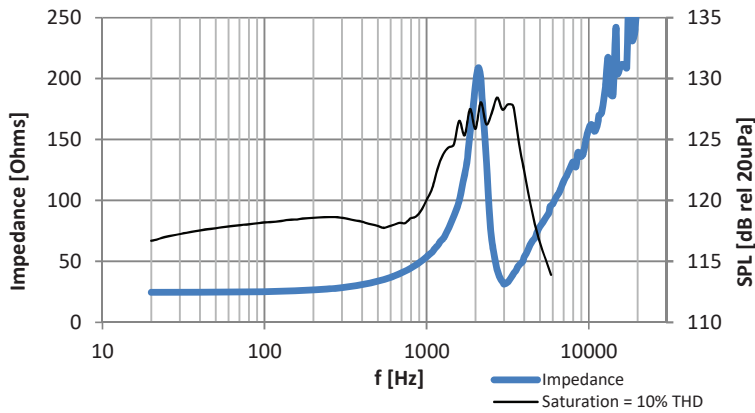
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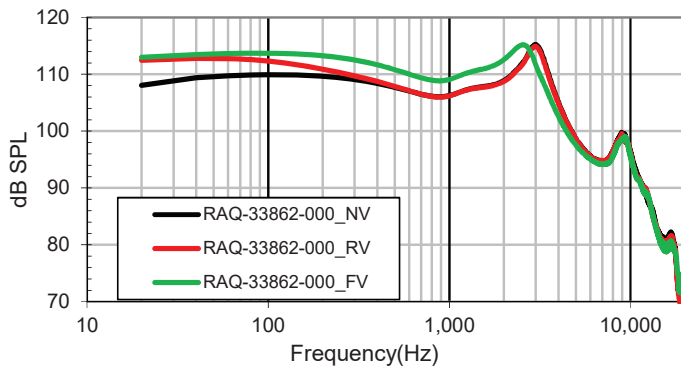
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Impedance and Saturation SPL

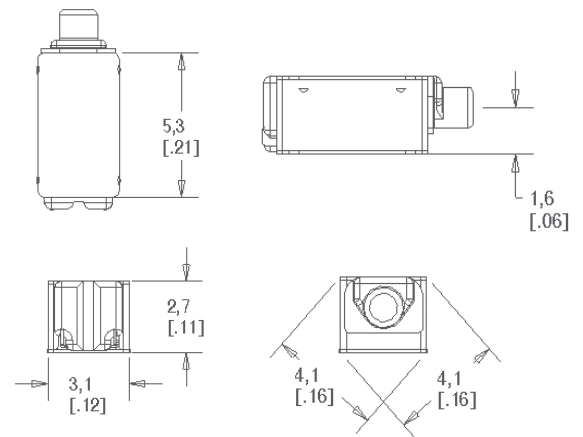


Venting Options



Outline Drawing

mm (inches)



Notes

- Ask about custom assembly options (lead wires, customer specified materials, etc.)
- To prevent heat damage, follow soldering guidelines in application note AN13 (knowles.com)
- Measurement data for reference only. Refer to model specification for full dimensions and performance.

