

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 SPI
THD at 94dB SPL	0.4	%
THD at 100dB SPL	06	%

Testing Condition

using 100mV rms drive signal

— 711 Hi-RES GRAS 403
— THD

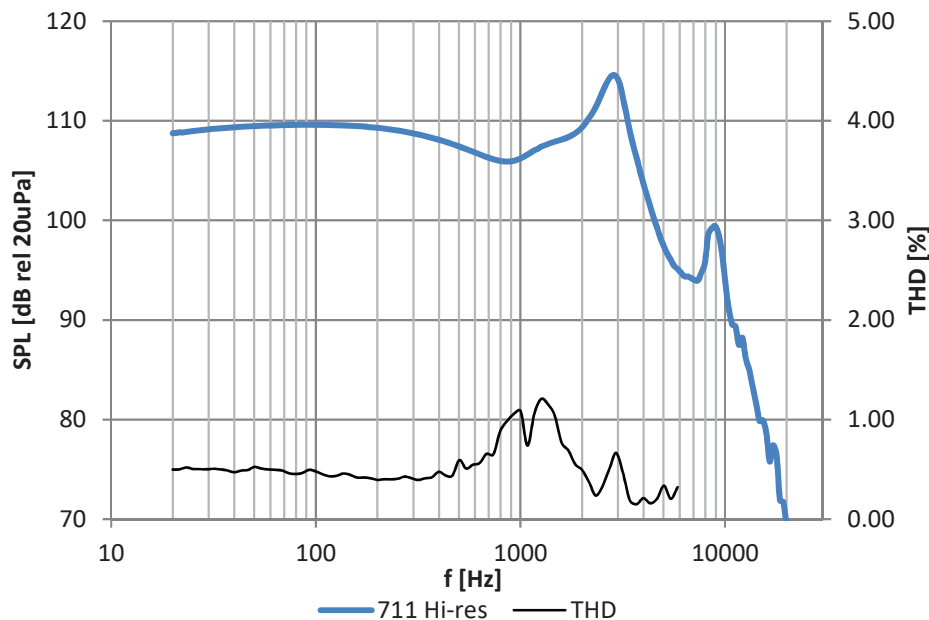


a) SPL at 10% THD

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



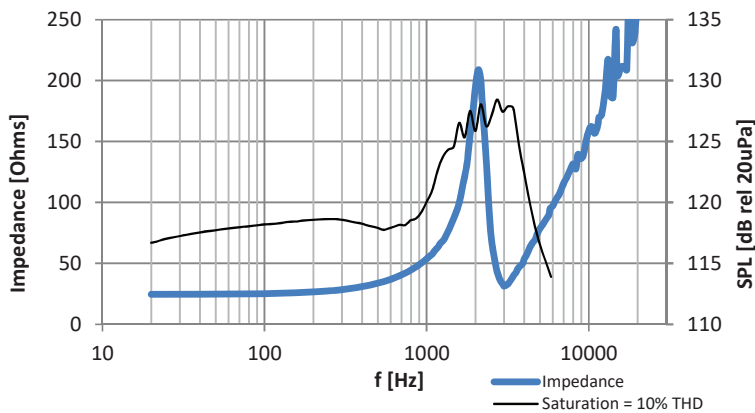
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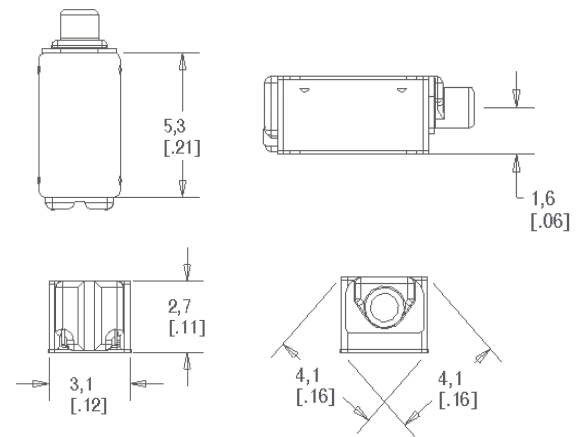


Impedance and Saturation SPL

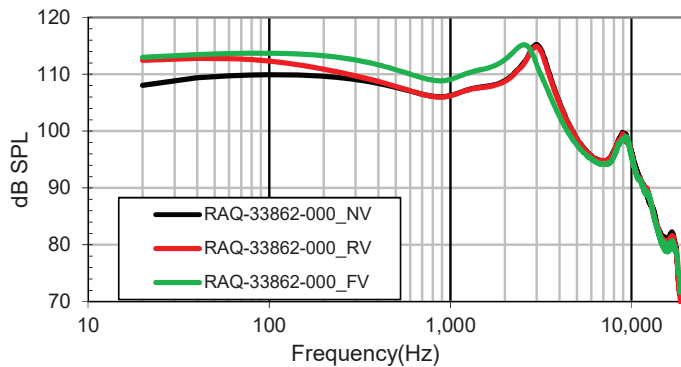


Outline Drawing

mm (inches)



Venting Options



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.



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[RAQ-33862-B148](#)