

# Balanced Armature Driver



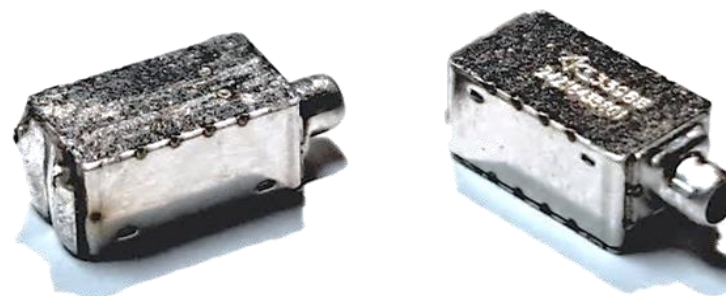
Premium Audio

RAQ-33985-000

Single Full Range Receiver

## Features

- Highly automated assembly for consistent volume production
- Full traceability at unit level
- Exceptionally small full-range driver
- Enhanced bass performance
- Excellent price - performance ratio
- RoHS compliant



## Typical Performance at 1kHz

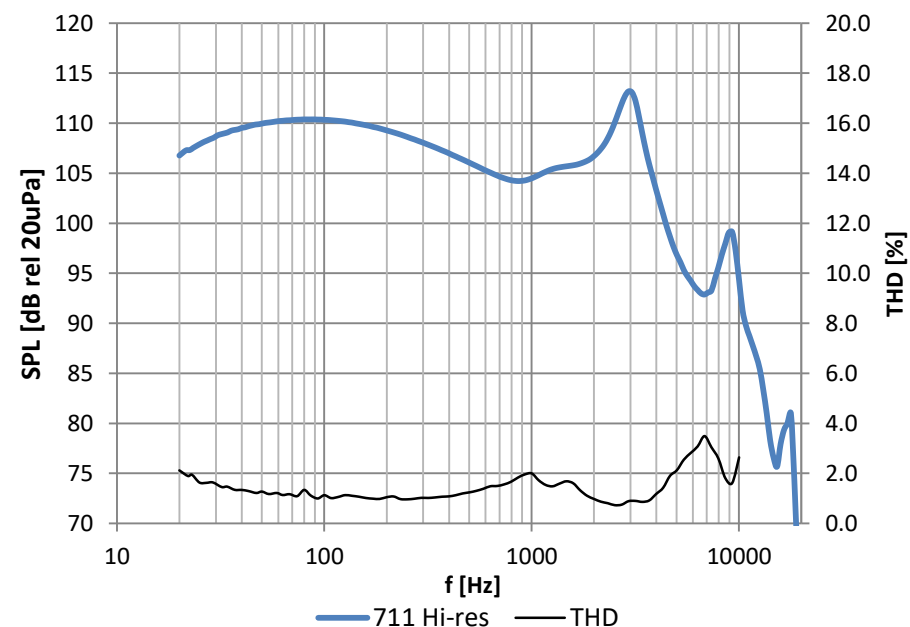
Impedance	47.0	Ohms
Sensitivity to 100mV	104.5	dB SPL
Max SPL with 0.92V	118.5	dB SPL
THD at 94dB SPL	1.8	%
THD at 100dB SPL	2.1	%

## Testing Condition

using 100mV rms drive signal

- 711 Hi-RES GRAS 403
- THD

## Frequency Response and THD



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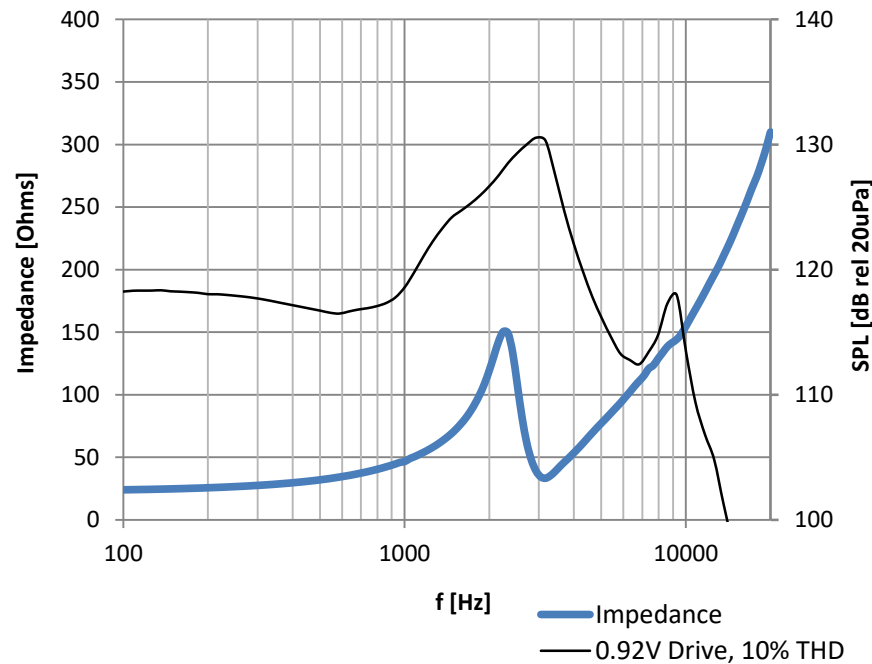
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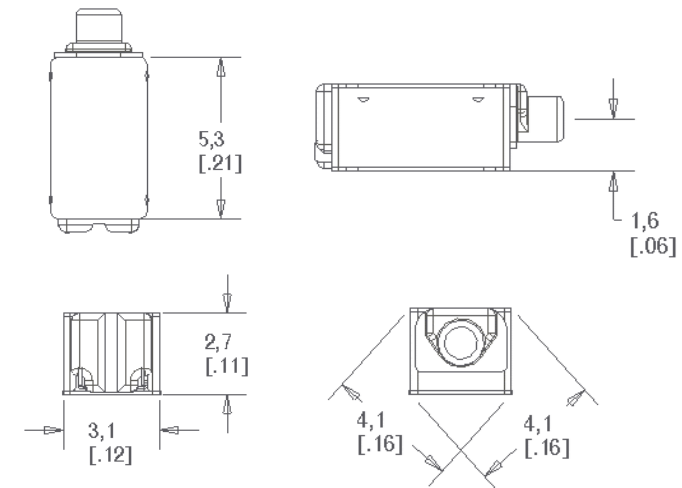
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## Impedance and High Drive SPL



## 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](http://knowles.com))
- Measurement data for reference only. Refer to model specification for full dimensions and performance.