

Performance Facts™

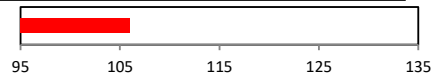
Loudspeaker Specifications

Grimani System Rixos-WD+



Sound Level Capability - Long Term -

1m	107 dB
At seat of 3000/6000/9000ft ³ Room	100dB / 97dB / 94dB



Sound Level Capability - Short Term - Bursts

1m Anechoic	113 dB
In 3000/6000/9000ft ³ Room	106dB / 103dB / 100dB
Recommended max room volumes (Fronts)	4000 ft3

Product Overview

The Rixos loudspeaker is a 2-way system with waveguide-coupled tweeter. It has an 8" Woofer and 1" High-efficiency tweeter. It is designed for Ceiling surface and recessed installations, and features top-quality European componentry.



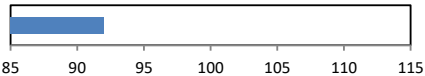
Performance Specifications

Frequency Range (-3dB)	80Hz - 18kHz	See Page 2
Frequency Range (-6dB)	70Hz - 18kHz	
Frequency Range at High SPL (-3dB) - 95dB	80Hz - 18kHz	
Frequency Range at High SPL (-3dB) - 105dB	80Hz - 18kHz	

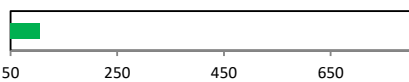
Frequency Response - (Spinorama)	See Page 2
Axial	+/- 2dB
Listening Window	+/- 2dB
Reflection Window	+/- 3dB
Sound Power	+/- 3dB

Directivity Index 125/250/500/1k/2k/4k/8k/16kHz	0 / 2 / 5 / 5 / 6 / 6 / 8 / 7dB	See Page 2
Directivity Index in Crossover Regions	7 dB	See Page 2
Coverage 500~10kHz -3dB	100H / 70V	See Page 2
Coverage 500~10kHz -6dB	130H / 100V	See Page 2
Main Listening Axis (H and V)	20	30

Sensitivity	2.8V/1m Anechoic	92 dB
Sensitivity	3000/6000/9000ft ³	85dB/82dB/79dB



Power Handling Long Term	105 W
Power Handling Short Term	200 W
Power Handling At Max SPL condition	225 W



Input Voltage Capability Long Term	29 V
Input Voltage Capability Short Term	40 V
Input Voltage Capability At Max SPL condition	42 V

Impedance Magnitude over operating range	See Page 3
Average	8 Ohm
Min	6 Ohm
Max	50 Ohm

Distortion	80dB-90dB-100dB- Max SPL	0.5%-0.7%-0.8%-1.4%	See Page 3
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Crossover Frequencies	NAHz / 1.4kHz
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Crossover Lobe Aiming	0H/-10V
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Crossover Null Aiming	0H/+45V
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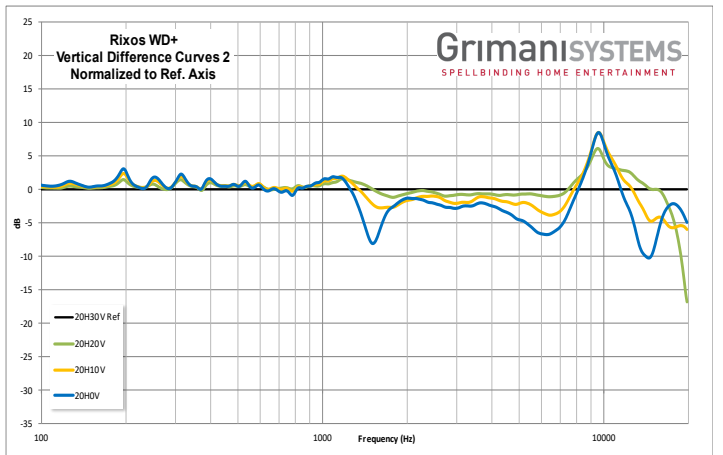
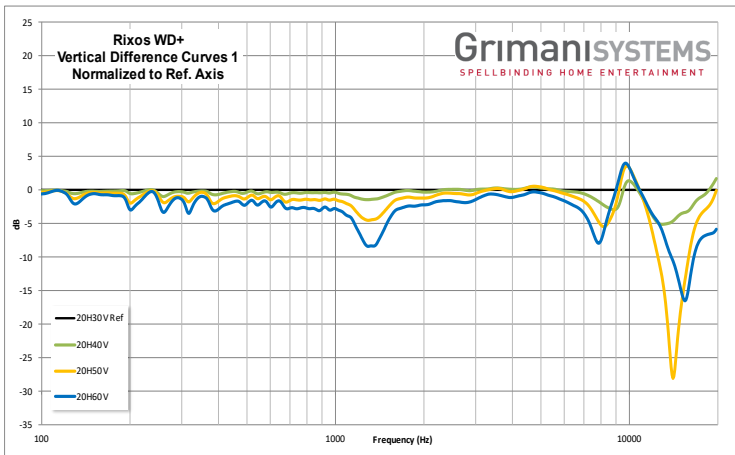
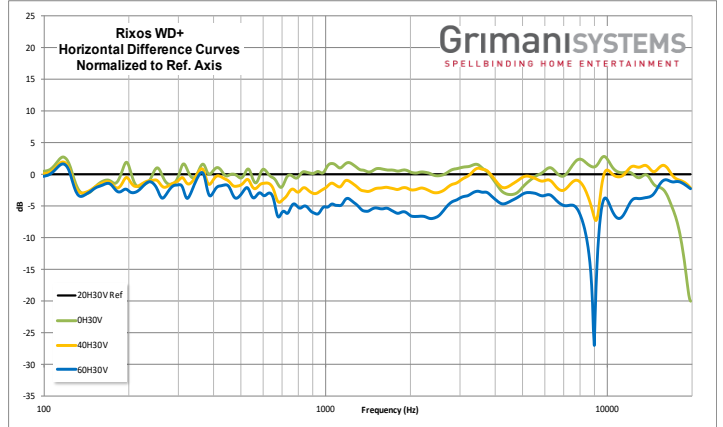
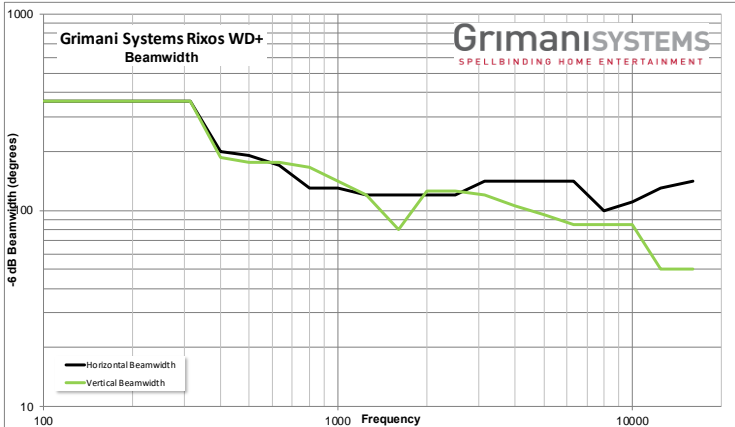
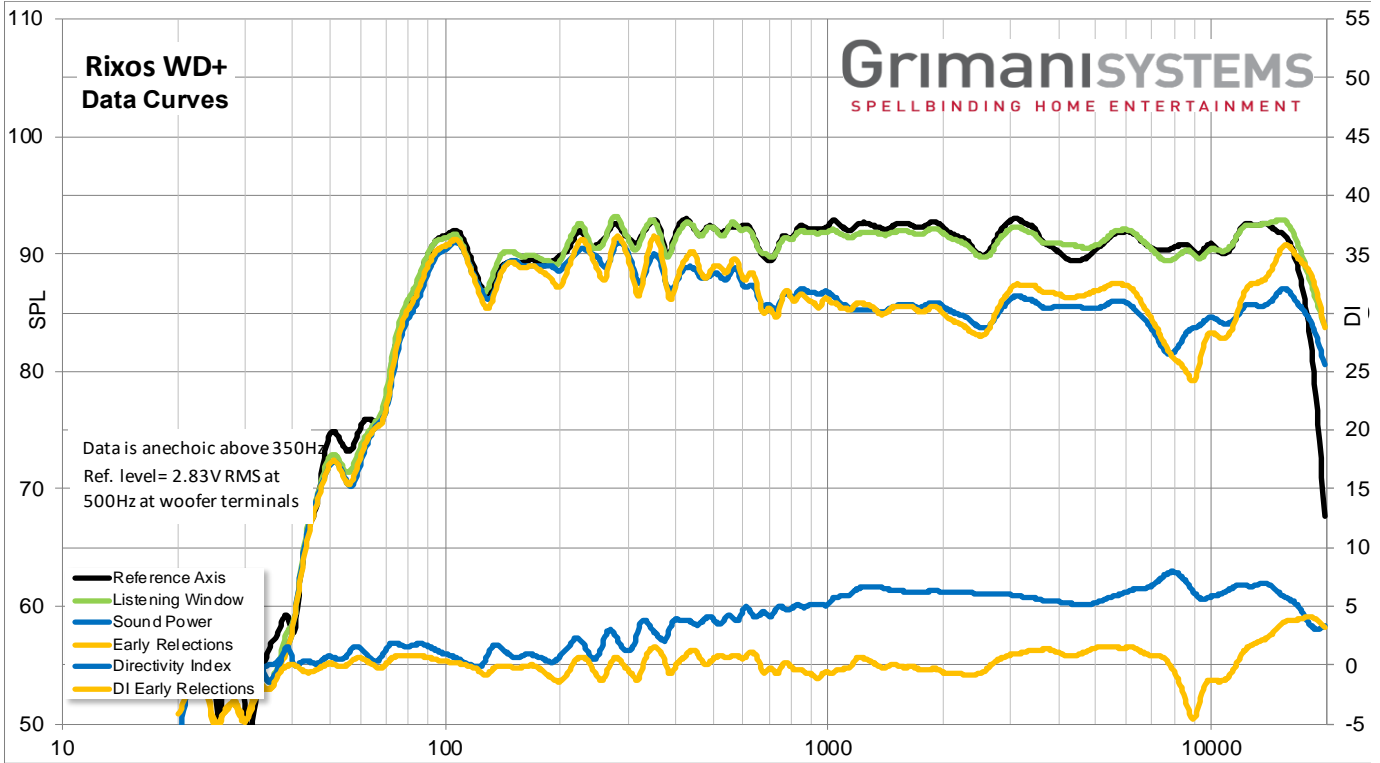
Dimensions	Height / Width / Depth	15.5 / 13 / 8 Inches
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Weight	17 Pounds
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Wire Length Max	12-14-16-18 ga	200-100-50-24 ft
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Polarity (Woof-Mid-Tweet)	+ / NA / +
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Connector Type	Barrier Strip
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