

Performance Facts™

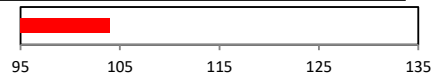
Loudspeaker Specifications

Grimani System Rixos-W



Sound Level Capability - Long Term -

1m	104 dB
At seat of 3000/6000/9000ft ³ Room	97dB / 94dB / 91dB



Sound Level Capability - Short Term - Bursts

1m Anechoic	112 dB
In 3000/6000/9000ft ³ Room	105dB / 102dB / 99dB
Recommended max room volumes (Fronts)	3000 ft3

Product Overview

The Rixos loudspeaker is a 2-way system with waveguide-coupled tweeter. It has a 6.5" Woofer and 1" High-efficiency tweeter. It is designed for Ceiling surface installations, and features top-quality European componentry.



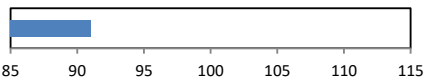
Performance Specifications

Frequency Range (-3dB)	90Hz - 18kHz	See Page 2
Frequency Range (-6dB)	80Hz - 18kHz	
Frequency Range at High SPL (-3dB) - 95dB	90Hz - 18kHz	
Frequency Range at High SPL (-3dB) - 105dB	95Hz - 18kHz	

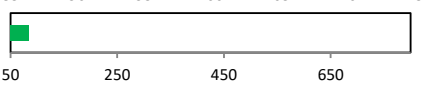
Frequency Response - (Spinorama)		See Page 2
Axial	+/- 2dB	
Listening Window	+/- 2dB	
Reflection Window	+/- 3dB	
Sound Power	+/- 3dB	

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	120H / 90V	See Page 2
Coverage 500~10kHz -6dB	150H / 120V	See Page 2
Main Listening Axis (H and V)	20	30

Sensitivity	2.8V/1m Anechoic	91 dB
Sensitivity	3000/6000/9000ft ³	84dB/81dB/78dB



Power Handling Long Term	85 W
Power Handling Short Term	150 W
Power Handling At Max SPL condition	200 W



Input Voltage Capability Long Term	26.1 V
Input Voltage Capability Short Term	35 V
Input Voltage Capability At Max SPL condition	40 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%-0.8%-0.9%-1.5%	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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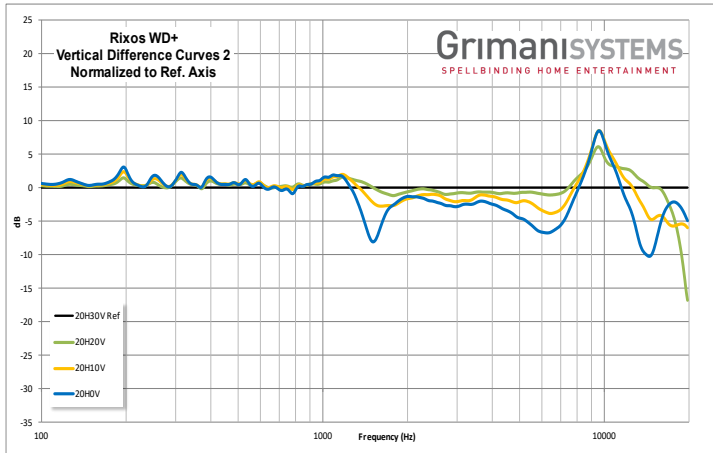
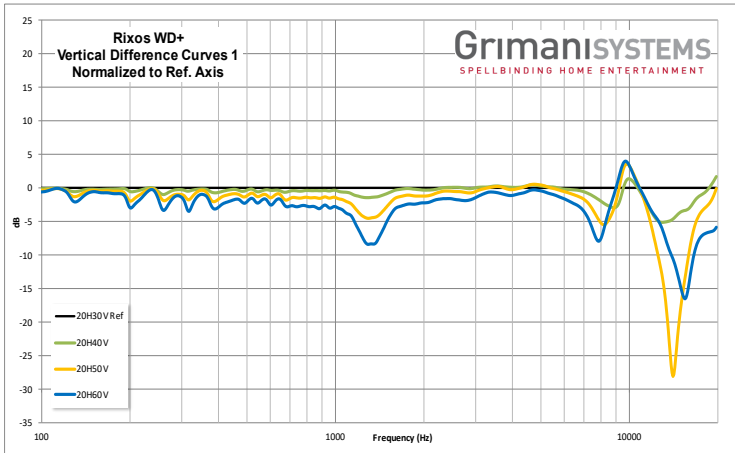
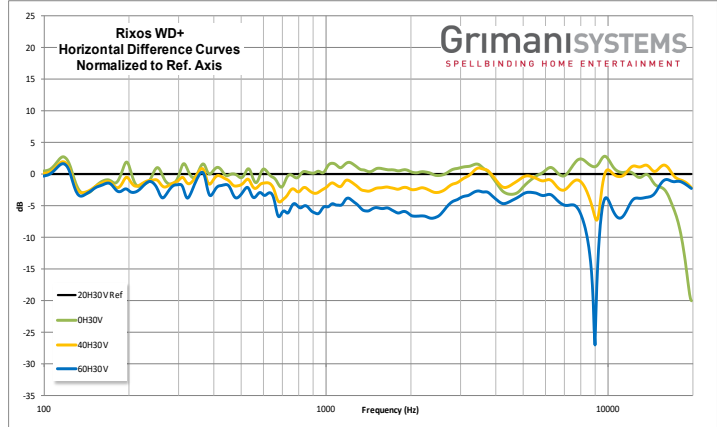
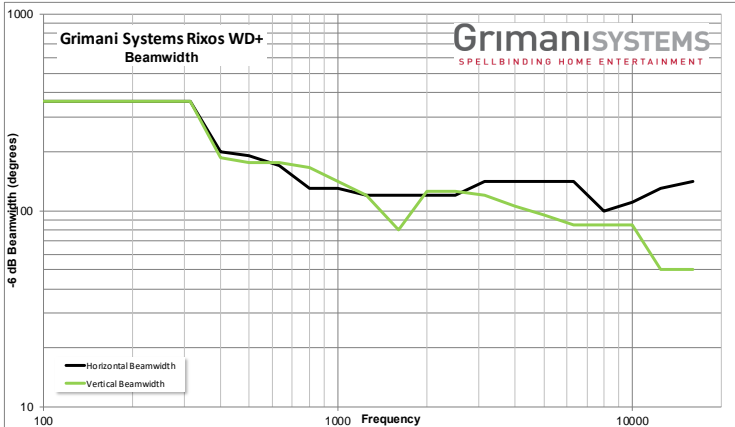
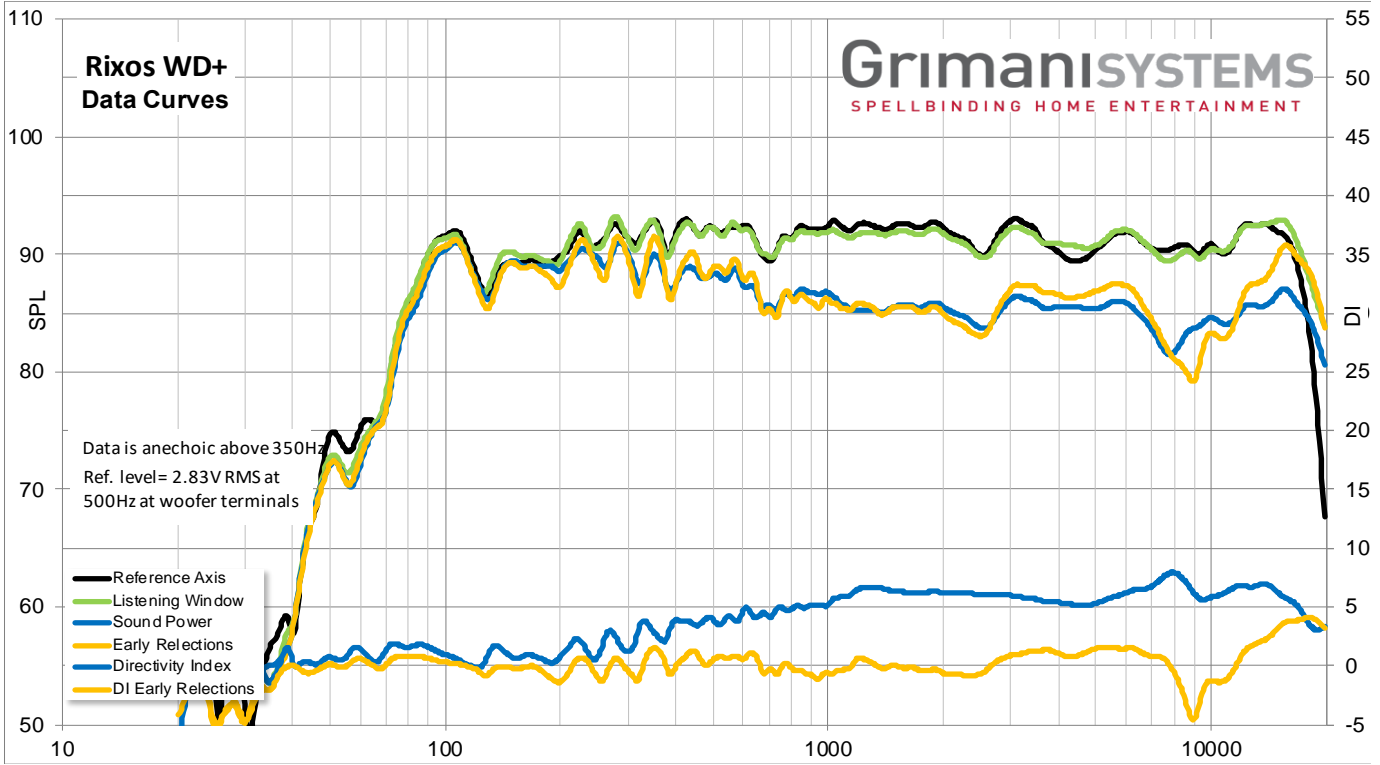
Dimensions	Height / Width / Depth	18 / 13 / 4.5 Inches
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Weight	17 Pounds
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Wire Length Max	12-14-16-18 ga	200-100-50-24 ft
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Polarity (Woof-Mid-Tweet)	+ / NA / +
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Connector Type	Barrier Strip
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