

# Performance Facts™

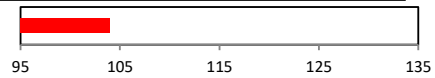
## Loudspeaker Specifications

### Grimani System Rixos-S



#### Sound Level Capability - Long Term -

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



#### Sound Level Capability - Short Term - Bursts

1m Anechoic	112 dB
In 3000/6000/9000ft <sup>3</sup> 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 surface and in-wall installations, and features top-quality european componentry.



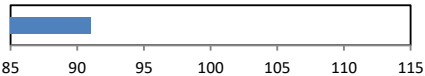
#### Performance Specifications

<b>Frequency Range (-3dB)</b>	90Hz - 18kHz	See Page 2
Frequency Range (-6dB)	80Hz - 18kHz	
Frequency Range at High SPL (-3dB) - 95dB	95Hz - 18kHz	
Frequency Range at High SPL (-3dB) - 105dB	100Hz - 13kHz	

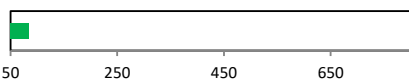
<b>Frequency Response - (Spinorama)</b>	See Page 2
Axial	+/- 2dB
Listening Window	+/- 2dB
Reflection Window	+/- 3dB
Sound Power	+/- 3dB

<b>Directivity Index 125/250/500/1k/2k/4k/8k/16kHz</b>	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 / 60V	See Page 2
Coverage 500~10kHz -6dB	140H / 80V	See Page 2
Main Listening Axis (H and V)	20	-10

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



<b>Power Handling Long Term</b>	<b>85 W</b>
Power Handling Short Term	150 W
Power Handling At Max SPL condition	200 W



<b>Input Voltage Capability Long Term</b>	26.1 V
Input Voltage Capability Short Term	35 V
Input Voltage Capability At Max SPL condition	40 V

<b>Impedance Magnitude over operating range</b>	See Page 3
Average	8 Ohm
Min	6 Ohm
Max	50 Ohm

<b>Distortion</b>	80dB-90dB-100dB- Max SPL	0.5%-0.8%-0.9%-1.5%	See Page 3
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<b>Crossover Frequencies</b>	NAHz / 1.4kHz
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<b>Crossover Lobe Aiming</b>	0H/-10V
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<b>Crossover Null Aiming</b>	0H/+45V
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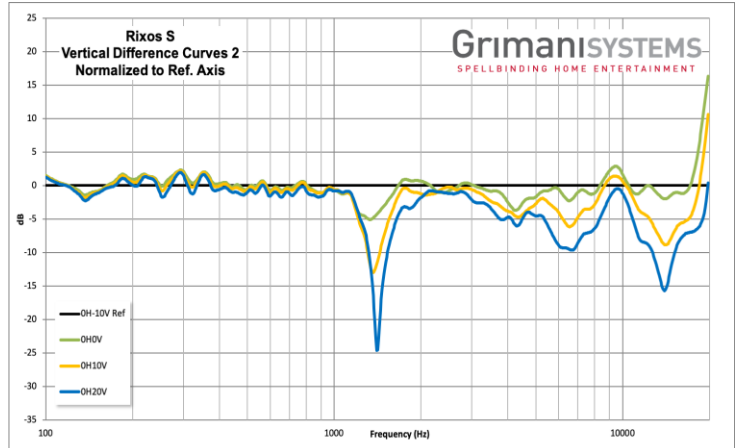
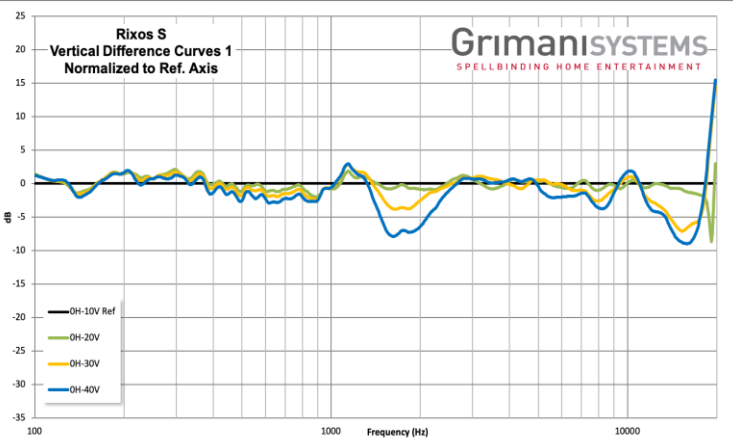
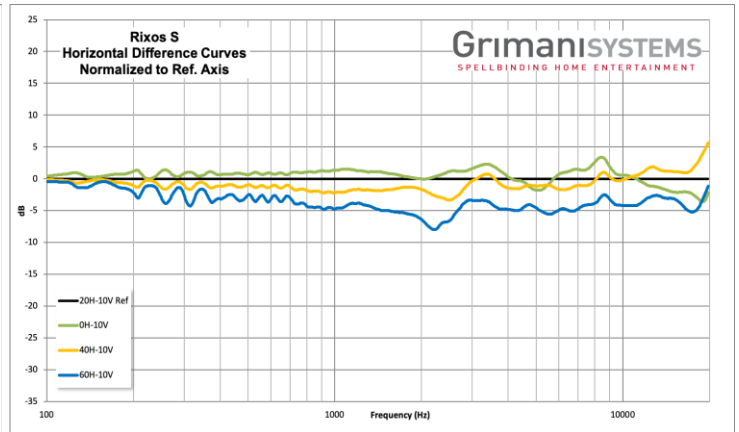
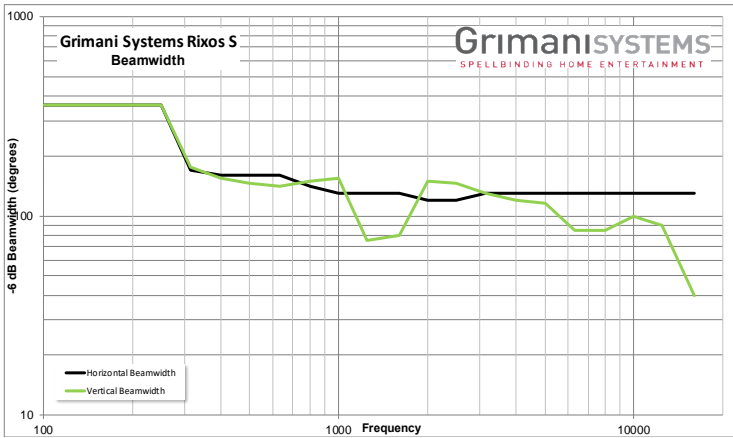
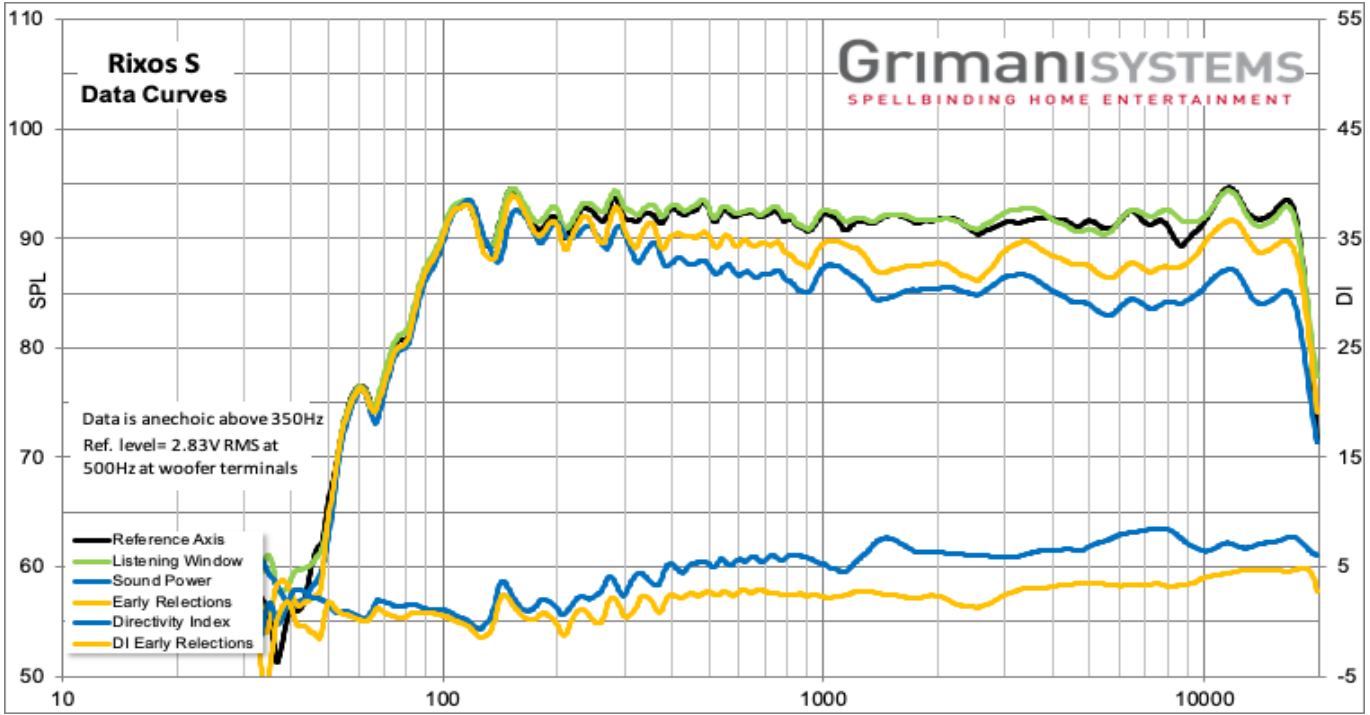
<b>Dimensions</b>	Height / Width / Depth	18 / 13 / 4 Inches
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<b>Weight</b>	17 Pounds
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<b>Wire Length Max</b>	12-14-16-18 ga	200-100-50-24 ft
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<b>Polarity (Woof-Mid-Tweet)</b>	+ / NA / +
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<b>Connector Type</b>	Barrier Strip
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