

## Specifications – Bamberg Series 6 MTMW

### **Transducers**

25mm tweeter	Scan-Speak D2904-7100
15cm midrange (2)	AudioTechnology C-quence 15H 52 12 06 SDM
26cm woofer	ScanSpeak 26W
26cm drone (2)	ScanSpeak 26W

### **Impedance** *(graph)*

Nominal	4 ohm
Minimum	3 ohm
Phase	+/- 48 degrees
Amplifier	not included

### **Bandwidth**

-6dB	16.5 Hz to 22k Hz
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### **Amplitude response** *(graph)*

To 21k Hz	+ / - 2.0 dB
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### **Dispersion** *(graph)*

### **Sensitivity**

2.83V@1-Meter full space	90.5 dB
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### **Bass alignment**

Subwoofer	-3dB @18Hz, HPF5
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### **Inter-driver Phase response**

200 Hz to 6.5k Hz	Less than 30° phase difference
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### **Maximum linear output**

107dB / 1m / 120W	All frequencies, no compression
Recommended amplifier power	50W to 200W

### **Crossover**

Midrange / tweeter	Linkwitz-Riley 24 dB/oct @ 3.1k Hz
Woofer / Midrange	Linkwitz-Riley 24 dB/oct @ 310 Hz

### **Dimensions**

Loudspeaker only	61.5"H x 15.4"W x 18.0"D [156cm x 39cm x 46cm]
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**Weight**

Monitor only

38 lb [13.6 kg]

Woofer only

82 lb [37 kg]

**Magnetically Shielded**

No

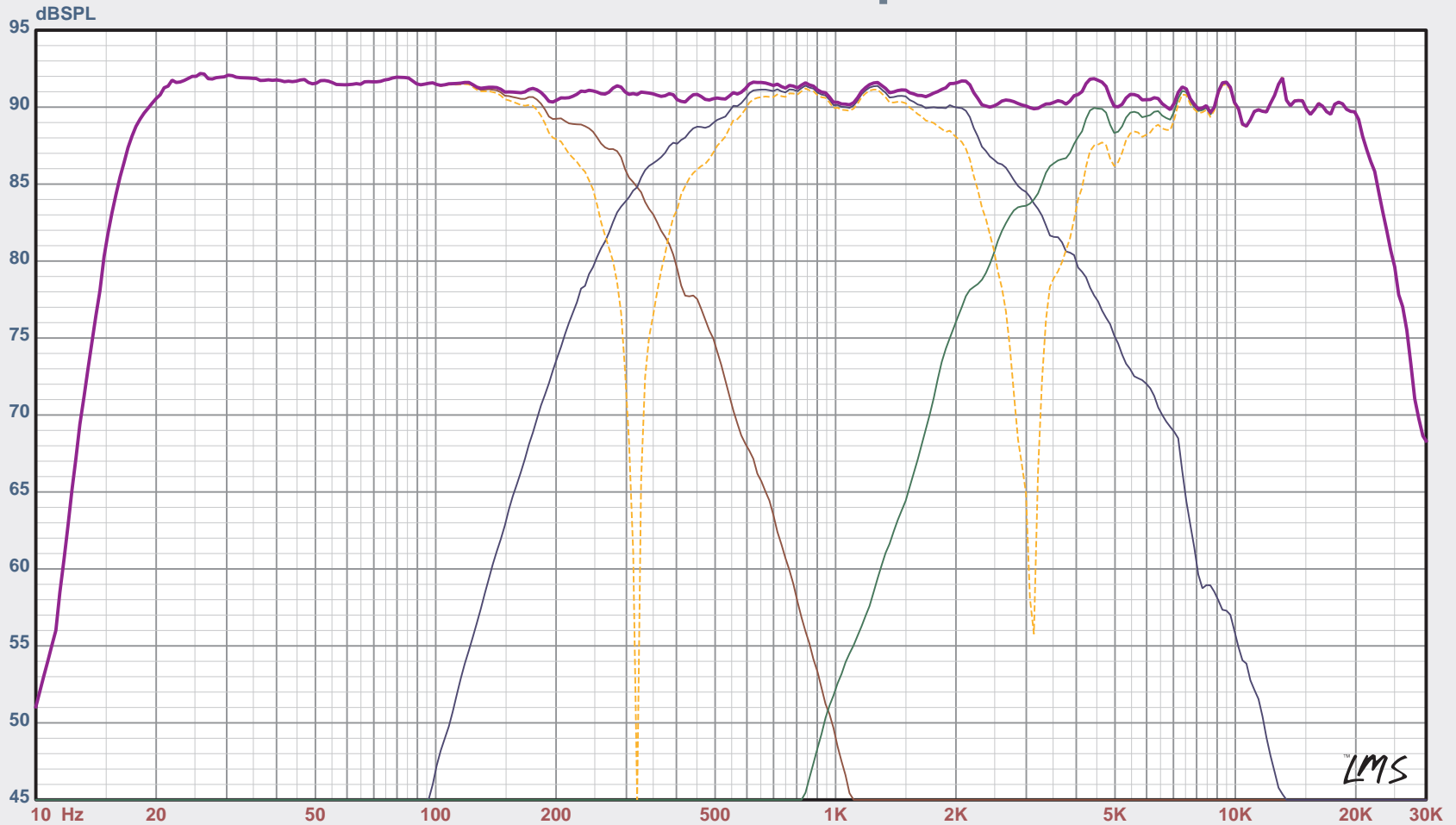
**Mounting Options**

Stable base support included with steel cone spikes. Rubber cone feet optional.

**Enclosure Material**

E1-MDF with triple internal bracing

# SPL vs Freq



LMS

- Map
- 1: SS-10-DualDrone Woofer
  - 2: 2x15H Midranges
  - 3: D2904-7100 Tweeter
  - - - 4: LP -BP +HP
  - 5: Woofer + Mids + Tweeter

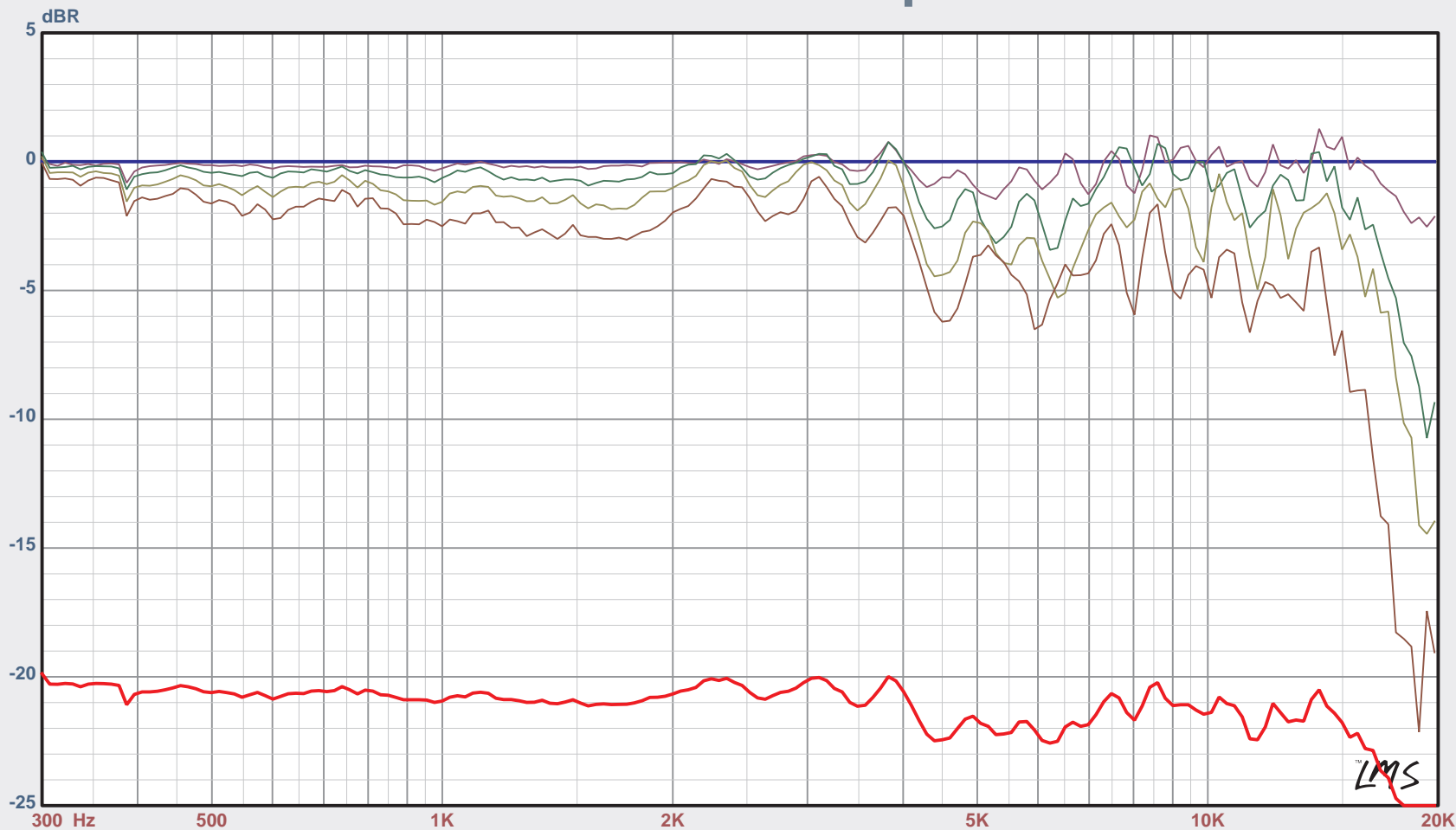
Notes

Speaker on axis.

All curves referenced to full space.

100 points per decade, no smoothing.

# Ratio vs Freq



LMS

Map

- 60: 00H Normalized
- 61: 10H Normalized
- 62: 20H Normalized
- 63: 30H Normalized
- 64: 40 H Normalized
- 65: ScalarAve 00-10-20-30-40H (-20dB offset)

Notes

**HORIZONTAL POLAR RESPONSE**

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**No smoothing**

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LMS

4.6.0.371  
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Company: Bamberg Audio

Project: Series 6 TMW  
File: S6\_ACT0\_LR4.lib

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LINEAR X  
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