



# Emanate 4

## 4-Inch Bookshelf Speaker

Spec Sheet



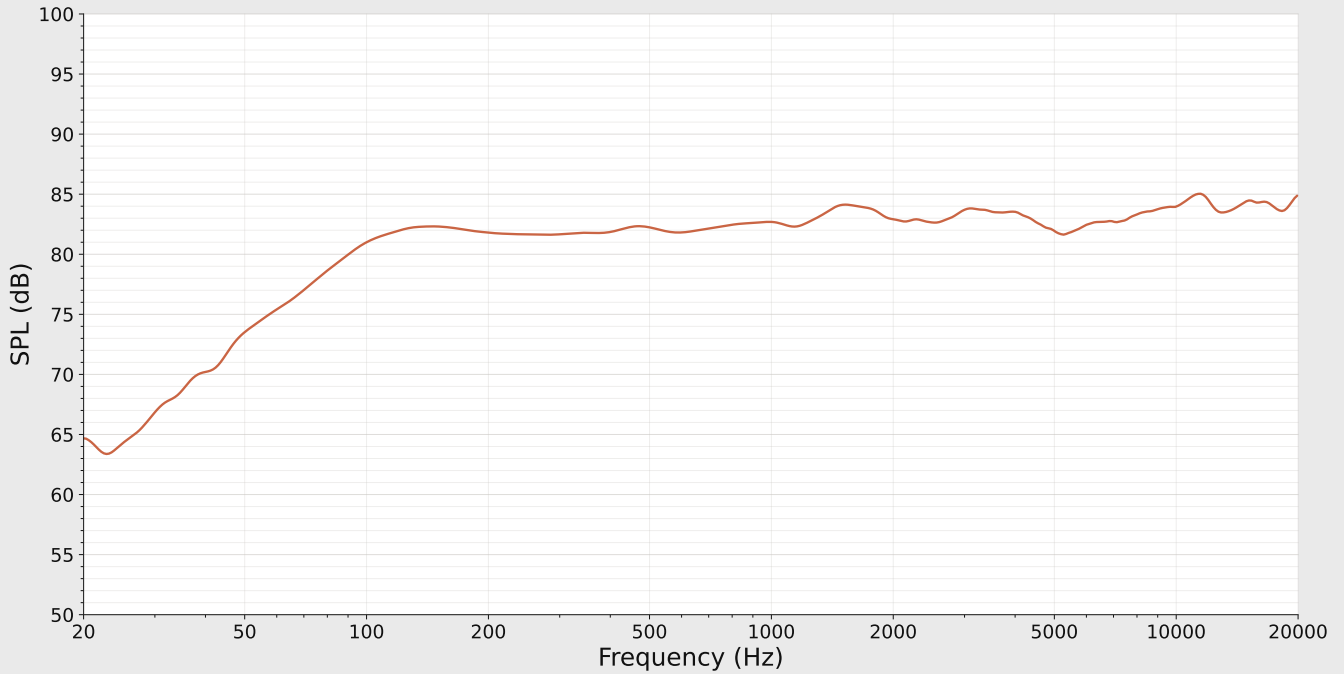
## Description:

The Emanate 4 is a compact passive bookshelf speaker designed for DIY assembly. It uses a 4-inch woofer and 19 mm dome tweeter in a ported 3D-printed enclosure, with a passive crossover and speaker-level binding posts for easy amplifier connection.

<b>Type:</b>	Passive 2-way bookshelf speaker
<b>Enclosure Type:</b>	Rear-ported bass reflex
<b>Nominal Impedance:</b>	8 $\Omega$
<b>Tweeter:</b>	19mm Dome Tweeter - SB19ST-C000-4
<b>Woofers:</b>	4-Inch Paper Cone Woofer - SB12PFCR25-8
<b>Sensitivity:</b>	82dB 1W/1m
<b>Low-frequency extension:</b>	80Hz (-3 dB), 50Hz (-10 dB)
<b>Crossover Frequency:</b>	1350Hz
<b>Max SPL:</b>	101 dB @ 1 m, single speaker
<b>Input:</b>	Speaker-level binding posts
<b>Enclosure:</b>	3D Printed, DIY-assembled
<b>Dimensions (H × W × D):</b>	245 × 151 × 220 mm
<b>Weight (per speaker):</b>	3.5 kg

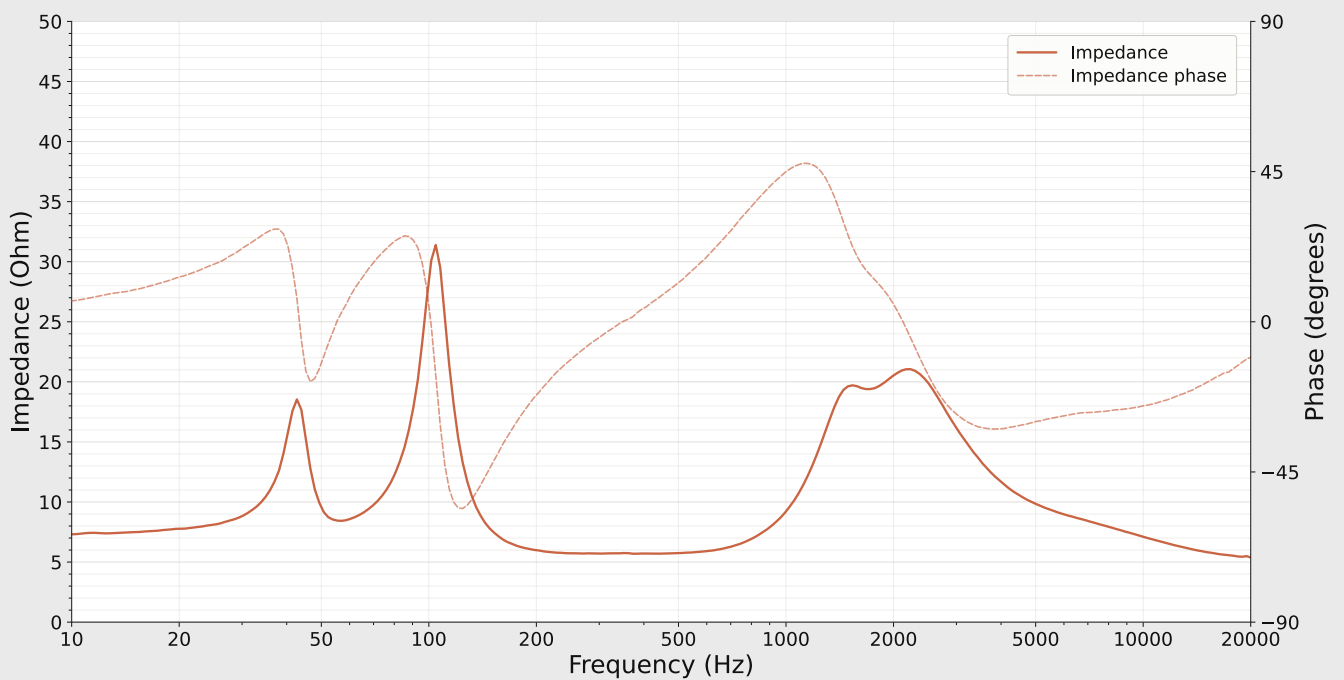


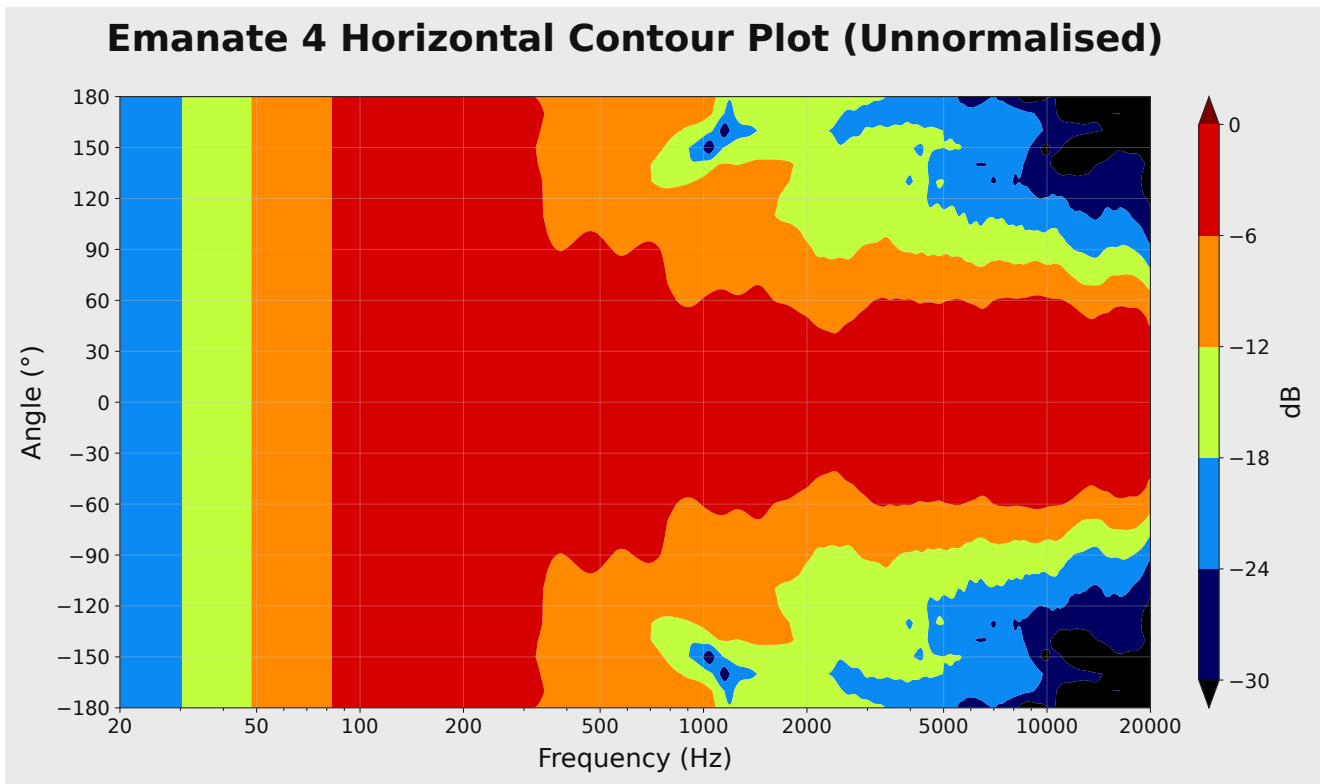
## Emanate 4 On-Axis Frequency Response



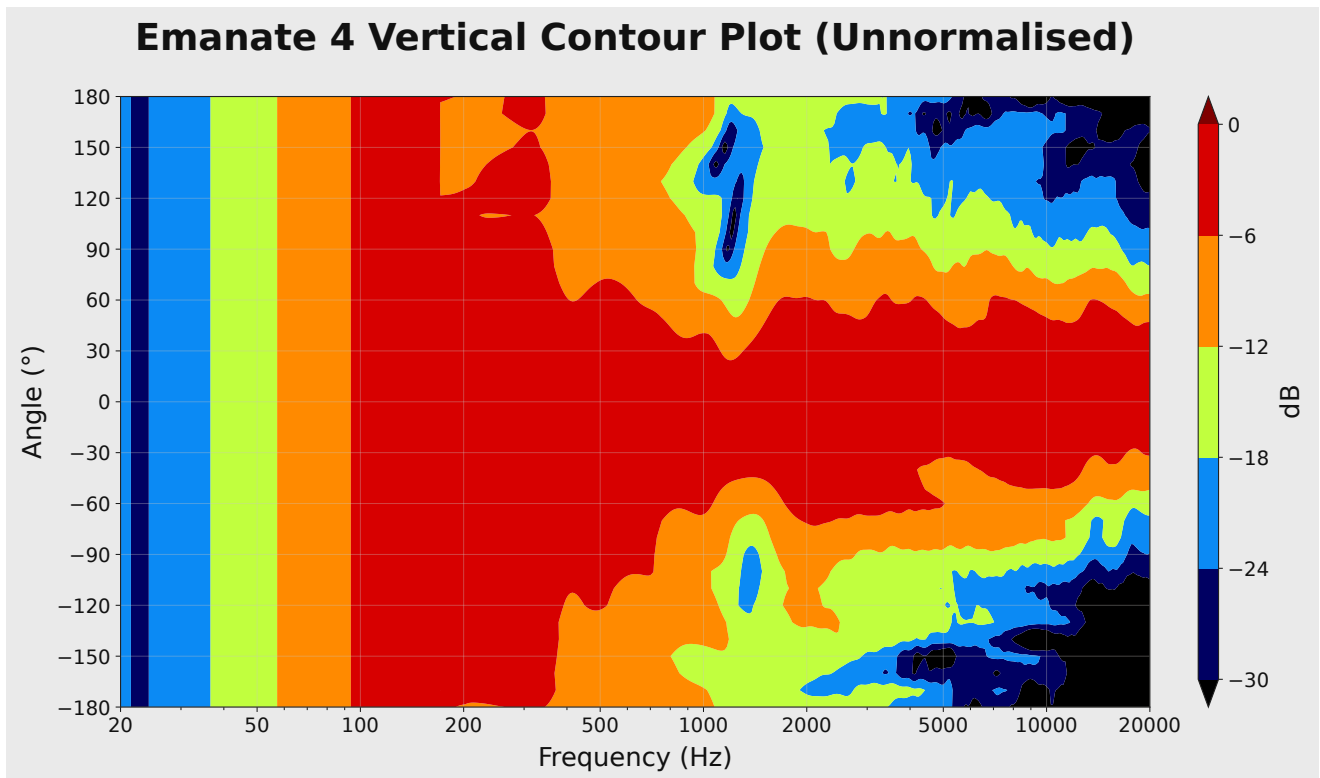
\*Ground-plane measurement below 400 Hz.

## Emanate 4 Impedance





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