



Emanate 6

6-Inch Bookshelf Speaker

Spec Sheet



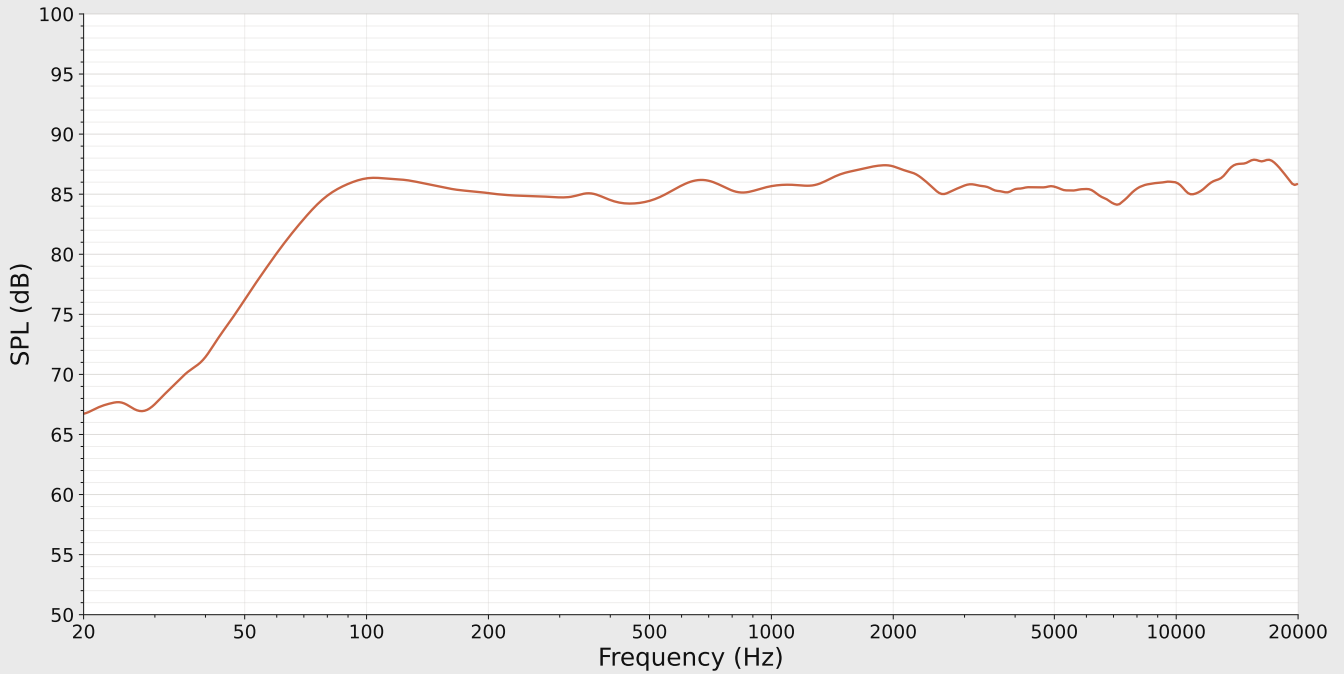
Description:

The Emanate 6 is a passive bookshelf speaker designed for DIY assembly. It uses a 6-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.

Type:	Passive 2-way bookshelf speaker
Enclosure Type:	Rear-ported bass reflex
Nominal Impedance:	8 Ω
Tweeter:	19mm Dome Tweeter - SB19ST-C000-4
Woofers	6-Inch Paper Cone Woofer - SB16PFCR25
Sensitivity:	85dB 1W/1m
Low-frequency extension:	60Hz (-3 dB), 45Hz (-10 dB)
Crossover Frequency:	1350Hz
Max SPL:	105 dB @ 1 m, single speaker
Input:	Speaker-level binding posts
Enclosure:	3D Printed, DIY-assembled
Dimensions (H × W × D):	320 × 215 × 265 mm
Weight (per speaker):	5.5 kg

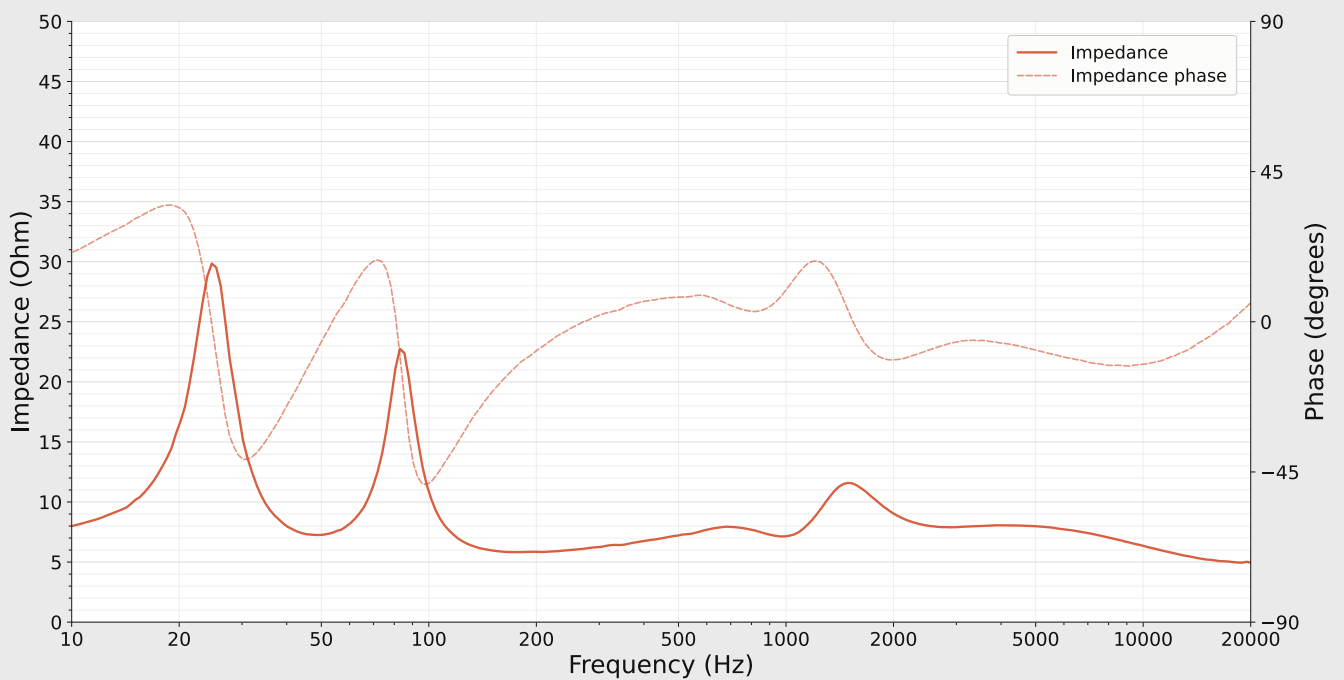


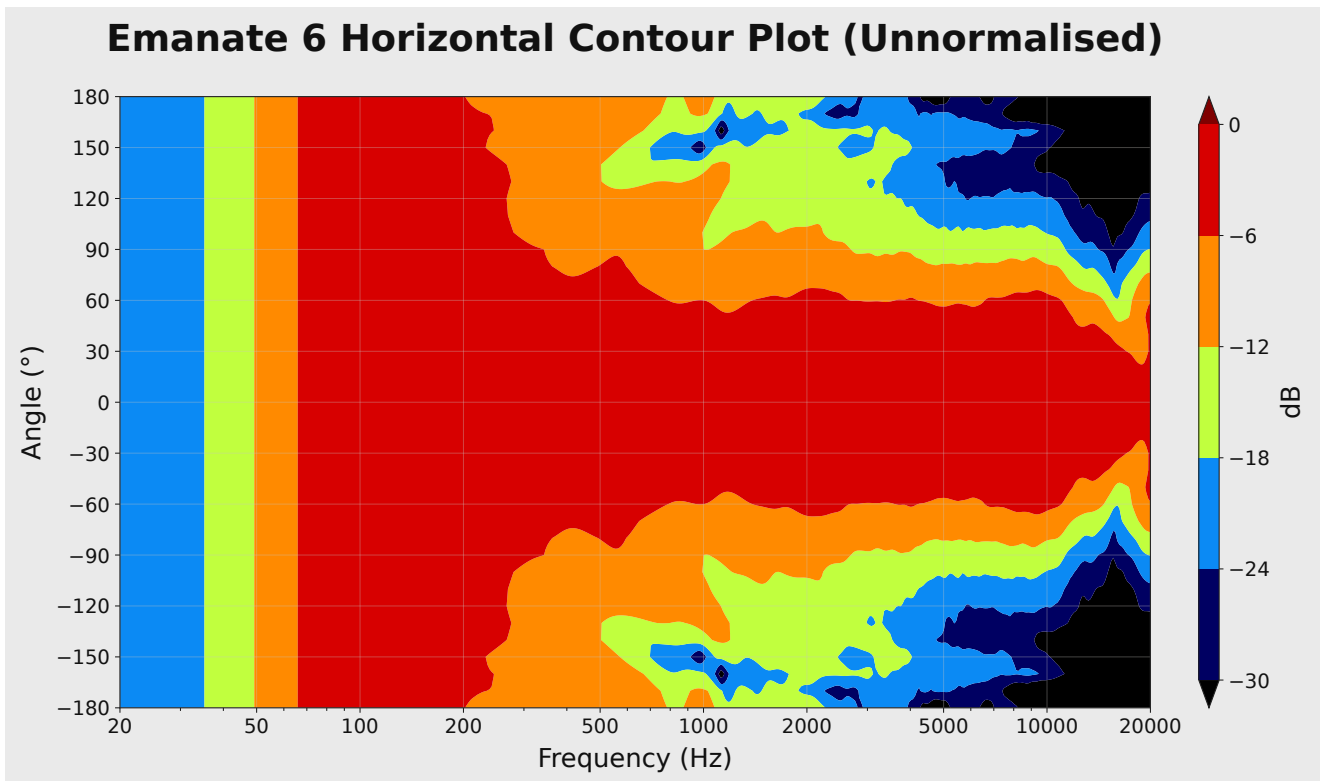
Emanate 6 On-Axis Frequency Response



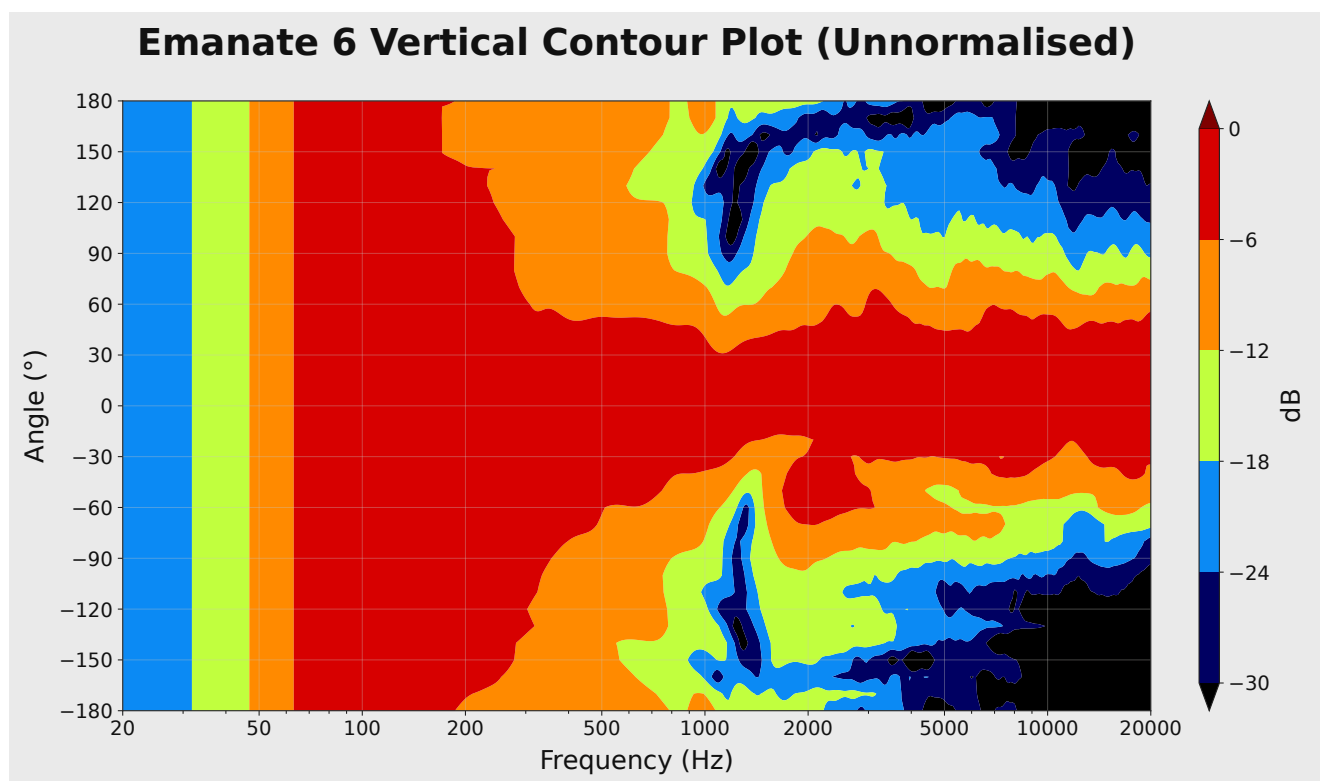
*Ground-plane measurement below 400 Hz.

Emanate 6 Impedance





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