



Supersonic Mk3

Desktop Speaker

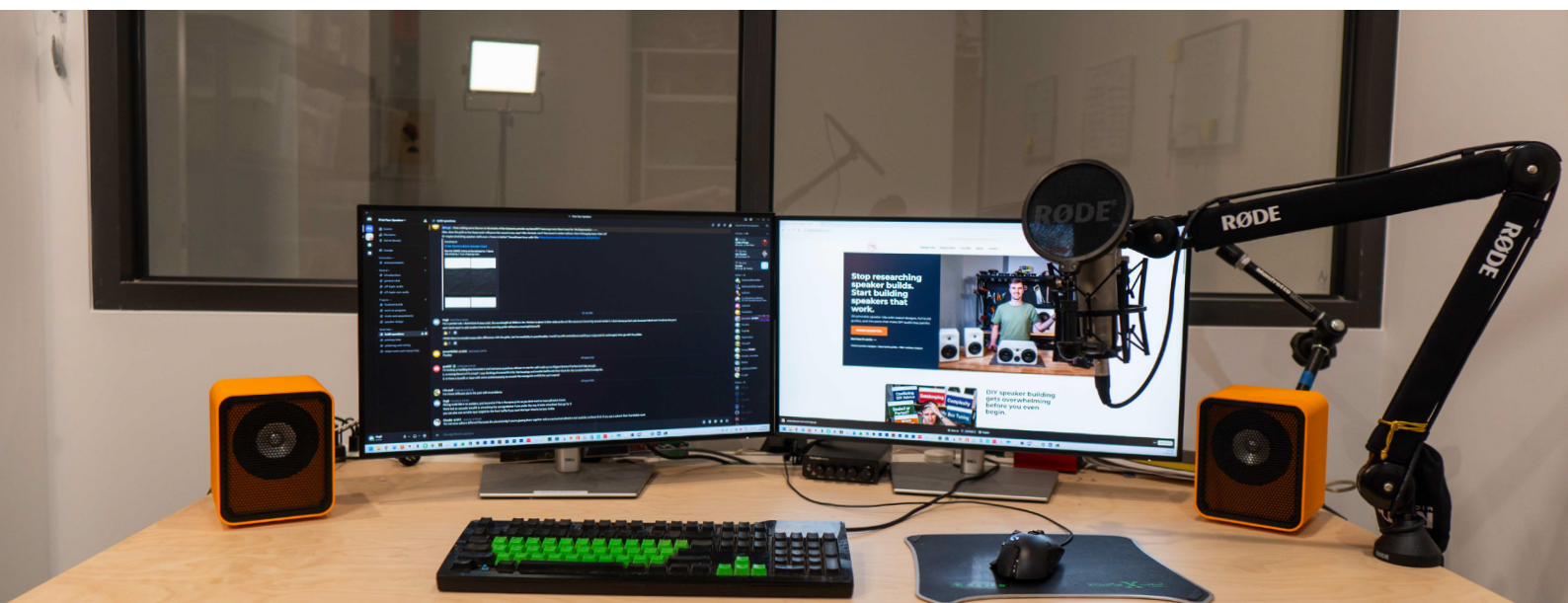
Spec Sheet



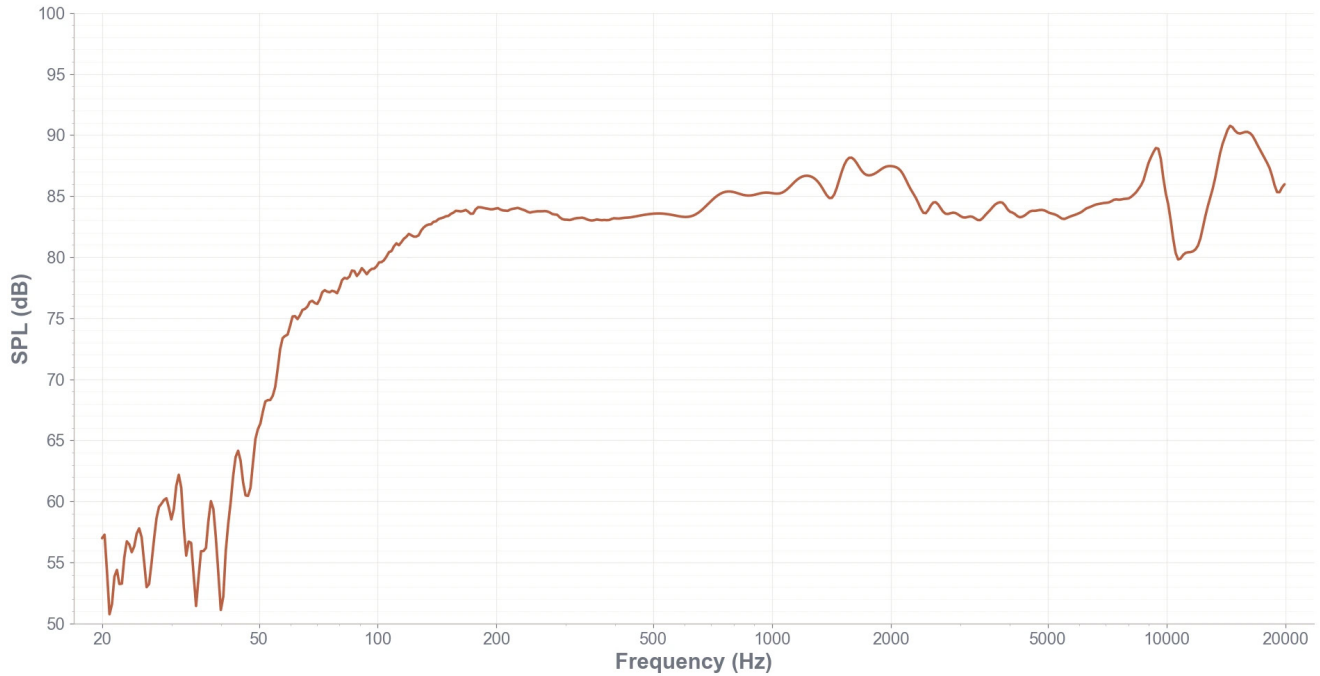
Description:

The Supersonic is a compact, passive 3-inch full-range desktop speaker designed for DIY assembly. It uses a single 3-inch full-range driver in a ported 3D-printed enclosure, with speaker-level binding posts for connection to a desktop or stereo amplifier.

Type:	Full-range desktop speaker
Enclosure Type:	Rear-ported bass reflex
Nominal Impedance:	4 Ω
Driver:	Markaudio CHN-50
Sensitivity:	84 dB, 1 W / 1 m
Low-frequency extension:	100 Hz (-3 dB), 55 Hz (-10 dB)
Max SPL:	90 dB @ 1 m, single speaker
Input:	Speaker-level binding posts
Enclosure:	3D printed, DIY-assembled
Dimensions (H × W × D):	170 × 140 × 127.5 mm
Weight (per speaker):	1.3 kg

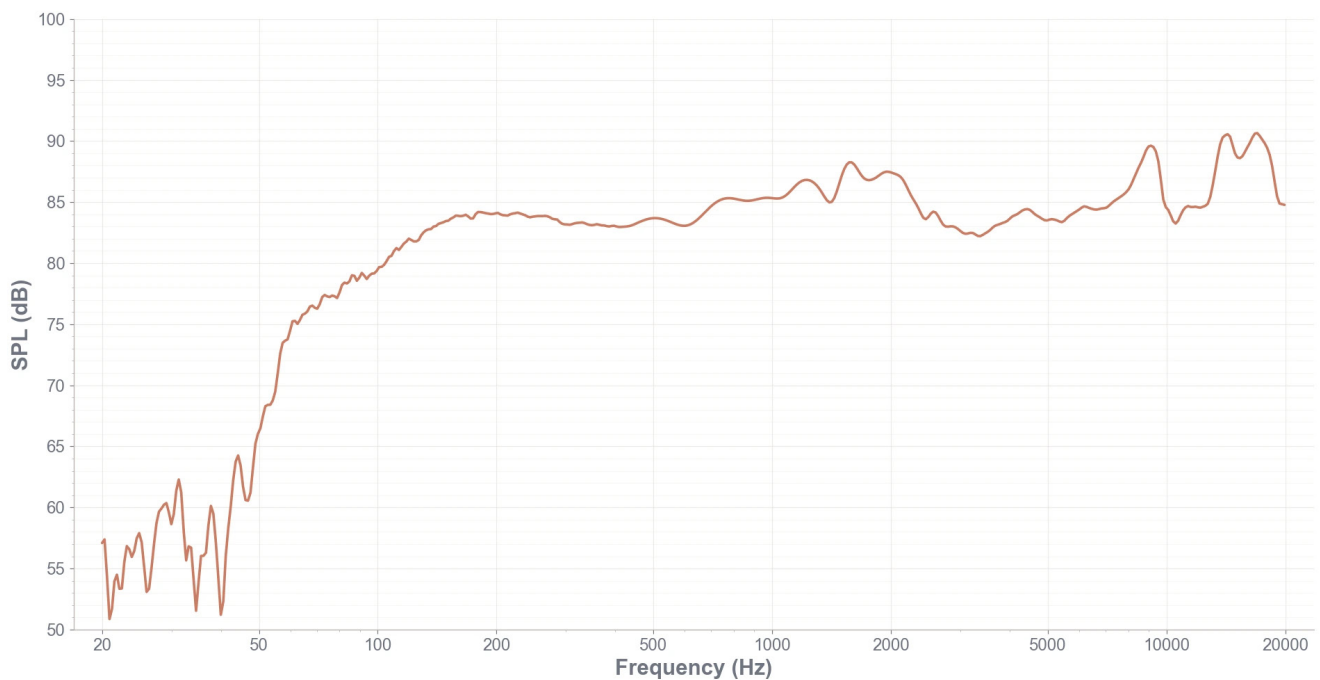


On Axis Frequency Respons (Grille)



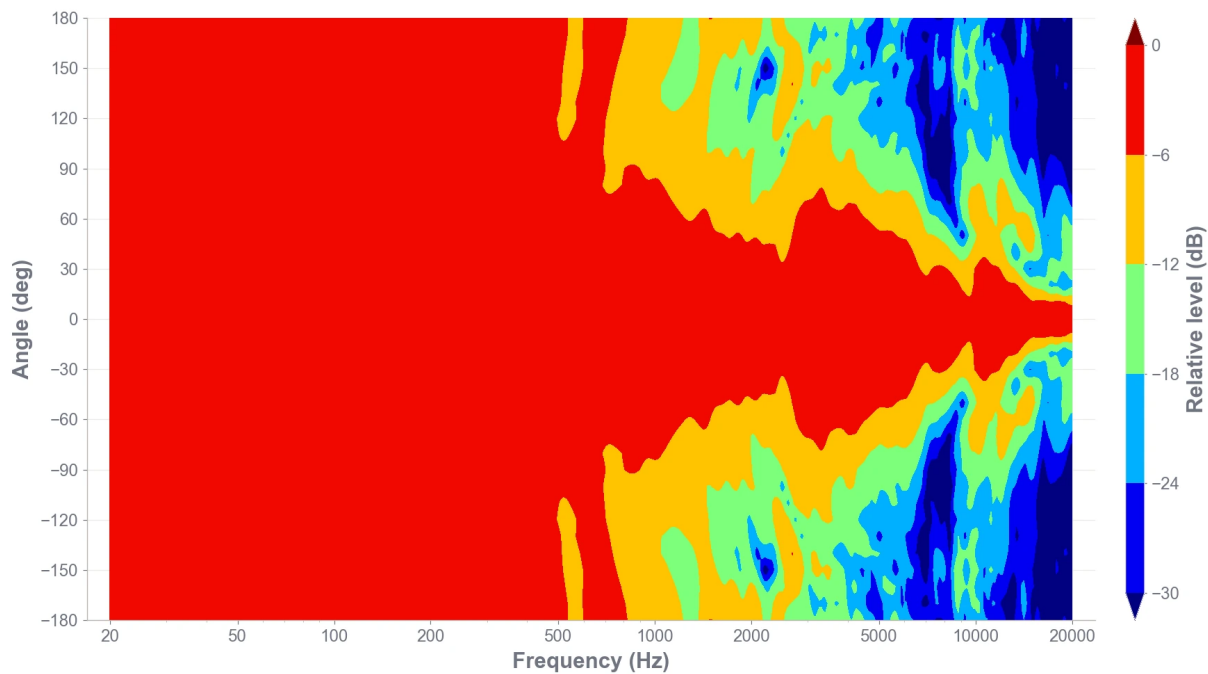
Ground-plane measurement below 400 Hz.

On Axis Frequency Respons (No Grille)



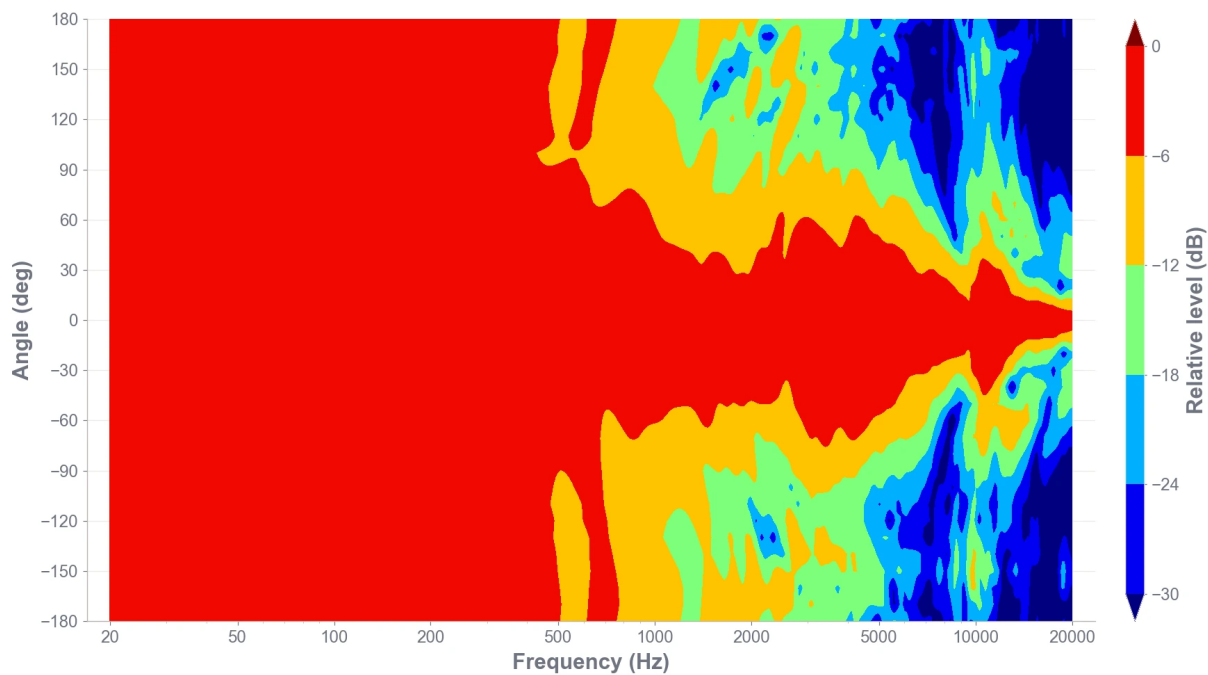
Ground-plane measurement below 400 Hz.

Supersonic Mk3 Horizontal Contour (Grille)



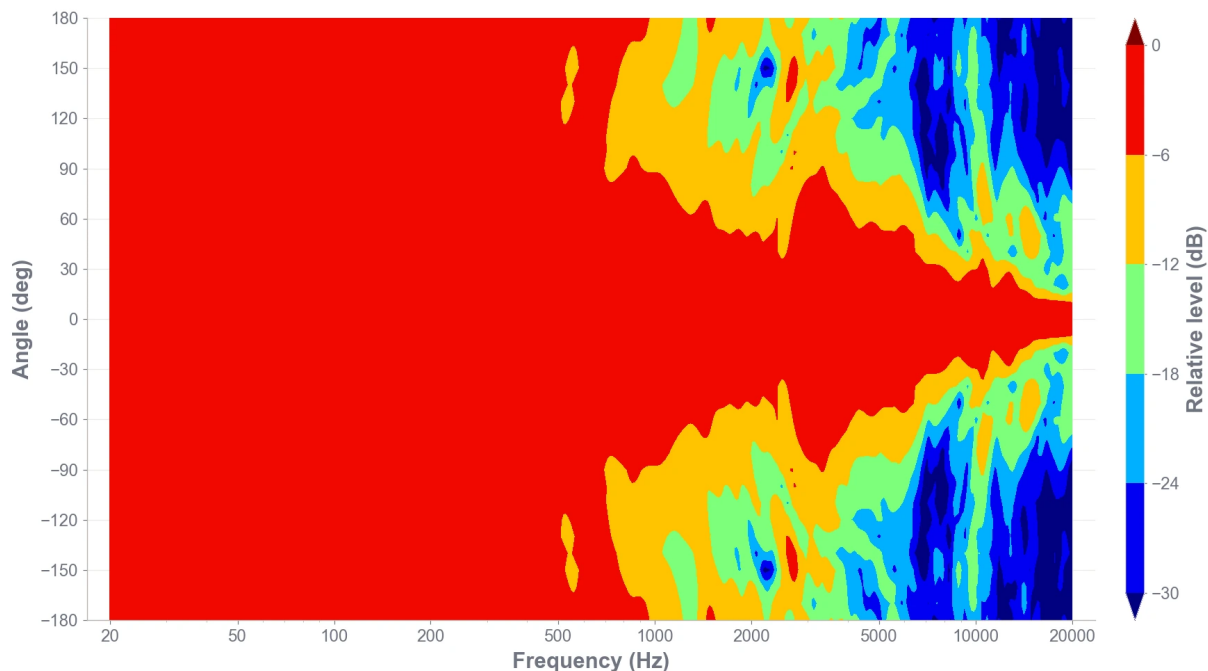
Ground-plane measurement below 400 Hz.

Supersonic Mk3 Vertical Contour (Grille)



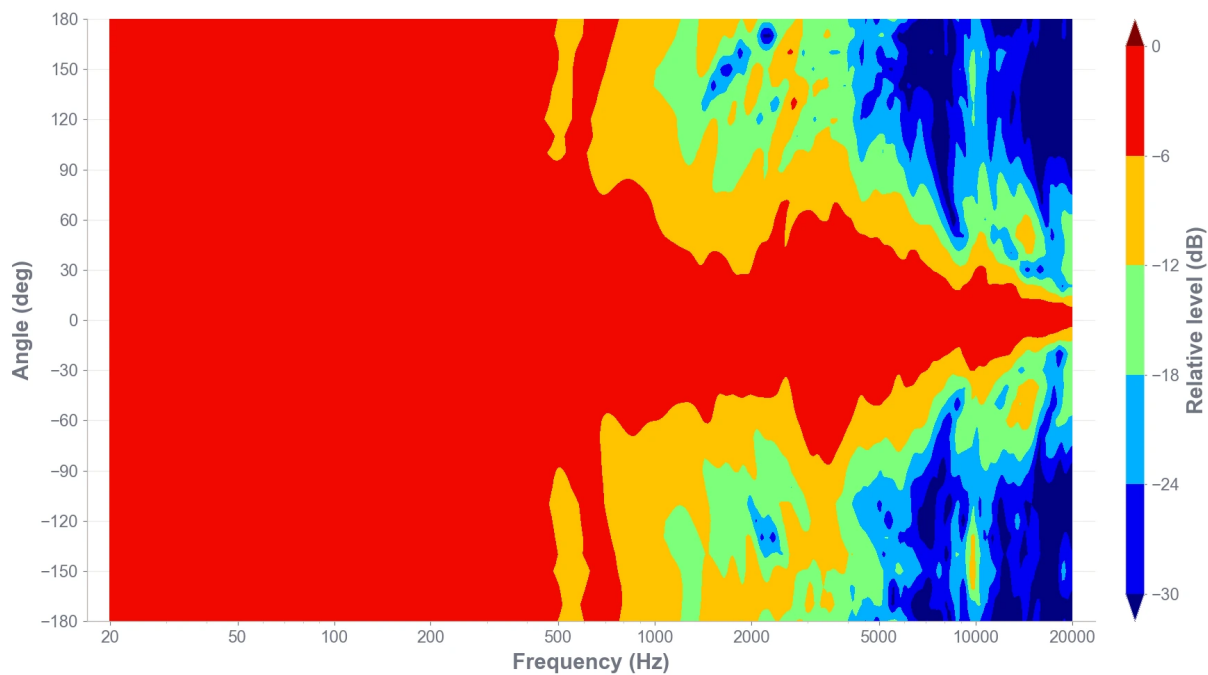
Ground-plane measurement below 400 Hz.

Supersonic Mk3 Horizontal Contour (No Grille)



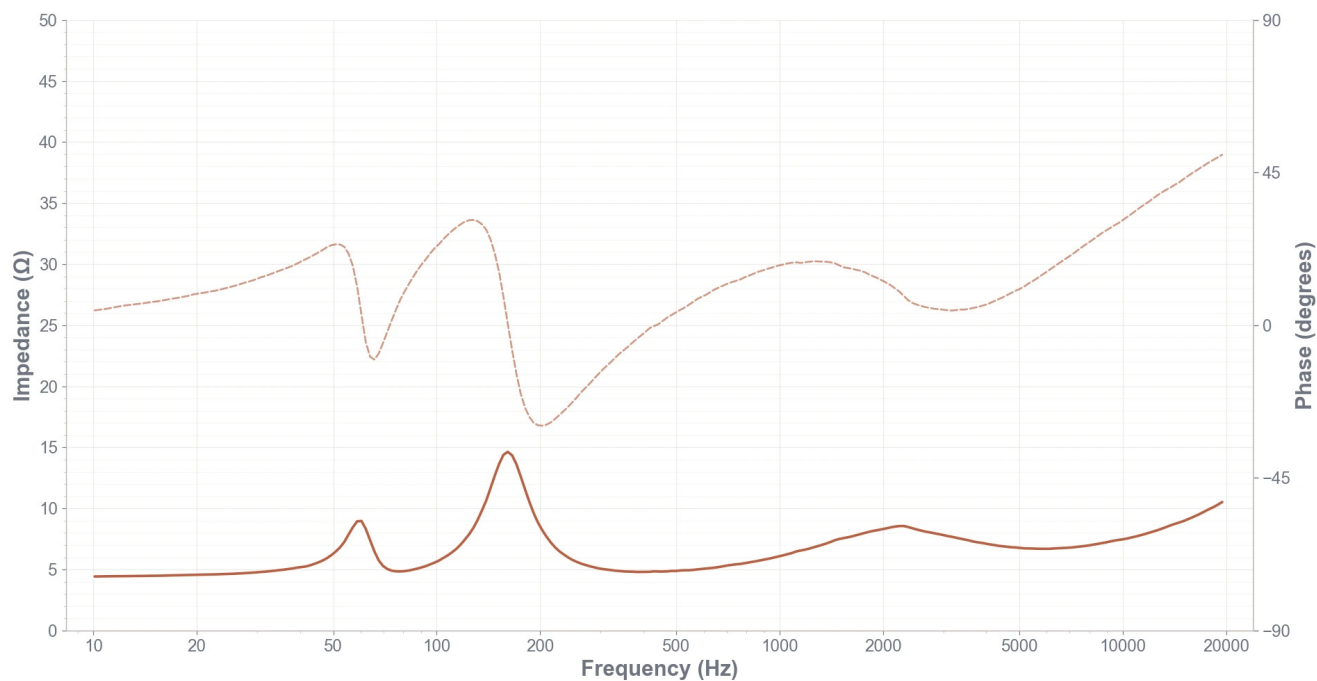
Ground-plane measurement below 400 Hz.

Supersonic Mk3 Vertical Contour (No Grille)



Ground-plane measurement below 400 Hz.

Supersonic Mk3 Impedance



Solid line: impedance (Ω)

Dashed line: phase (degrees)