

Audio frequency ranges

Range	Hz	Character
Sub-bass	20–60	Felt rumble
Bass	60–250	Warmth, fundamentals
Low mids	250–500	Body
Mids	500–2,000	Presence of instruments
Upper mids	2,000–4,000	Clarity, speech intelligibility
Presence	4,000–6,000	Definition
Brilliance	6,000–20,000	Air, sparkle