



FreeSpace® Loudspeakers

FREESPACE LOUDSPEAKER MATRIX

Product	Technologies			Drivers					Mounting Options					
	Articulated Array® speaker design	Acoustimass® speaker technology	Loudspeaker EQ (recommended)	5.25" (133mm) driver	4.5" (114mm) StatDriver® driver	2.25" (57mm) Tweedler® driver	2.25" (57mm) full-range driver	4.5" (114mm) HVC (Helical Voice Coil) driver	Surface Wall	Surface Ceiling	Flush (ceiling)	Pendant	Pole	In-ground
FreeSpace 3 system		•		•	•				•	•				
FreeSpace 3 Series II system		•		•	•				•	•	•	•		
FreeSpace 3 Acoustimass module		•		•	•				•	•				
FreeSpace 3 Series II Acoustimass module		•		•	•				•	•	•	•		
DS 16S & DS 16SE loudspeaker			•				•		•	•			•	
DS 16F loudspeaker			•				•				•	•		
DS 40SE loudspeaker			•					•	•	•			•	
DS 40F loudspeaker			•					•		•	•			
DS 100SE loudspeaker	•		•	•		•			•	•			•	
DS 100F loudspeaker	•		•	•		•				•	•			
302A loudspeaker	•	•		•		•			•	•				
203™ loudspeaker					•				•					
360P Series II loudspeaker								•						•

Product	Applications									Dispersion (-6 dB point, 1 - 4 kHz)	
	Voice Only (Paging)	Full-Range Music	Extended-Range Music	Background Music	Foreground Music	Outdoor	Integrated Transformer	70V/100V Operation	Low-Impedance Operation	Horizontal	Vertical
FreeSpace 3 system	•	•	•	•	•		•	•	•	170°	170°
FreeSpace 3 Series II system	•	•	•	•	•		•	•	•	170°	170°
FreeSpace 3 Acoustimass module	•	•	•	•	•		•	•	•	360°	360° ^{††}
FreeSpace 3 Series II Acoustimass module	•	•	•	•	•		•	•	•	360°	360° ^{††}
DS 16S & DS 16SE loudspeaker	•	•	•		•		•	•	•	170°	160°
DS 16F loudspeaker	•	•	•				•	•	•	140°	140°
DS 40SE loudspeaker	•		•	•	•		•	•	•	125°	125°
DS 40F loudspeaker	•	•		•	•		•*	•	•	125°	125°
DS 100SE loudspeaker	•	•		•	•		•	•	•	180°	75°
DS 100F loudspeaker	•	•		•	•		•	•	•	160°	160°
302A loudspeaker	•	•		•	•	•	•	•	•	178°	93°
203 loudspeaker	•	•		•	•		•**	•	•	115°	150°
360P Series II loudspeaker	•	•		•	•	•	•	•	•	360°	50°

[†]DS 16SE loudspeaker only.
[‡]8Ω only variant also available.

^{††}All bass energy below 200 Hz is omni-directional (360° conical).
^{**}70V operation only. Transformer is available as an accessory part.

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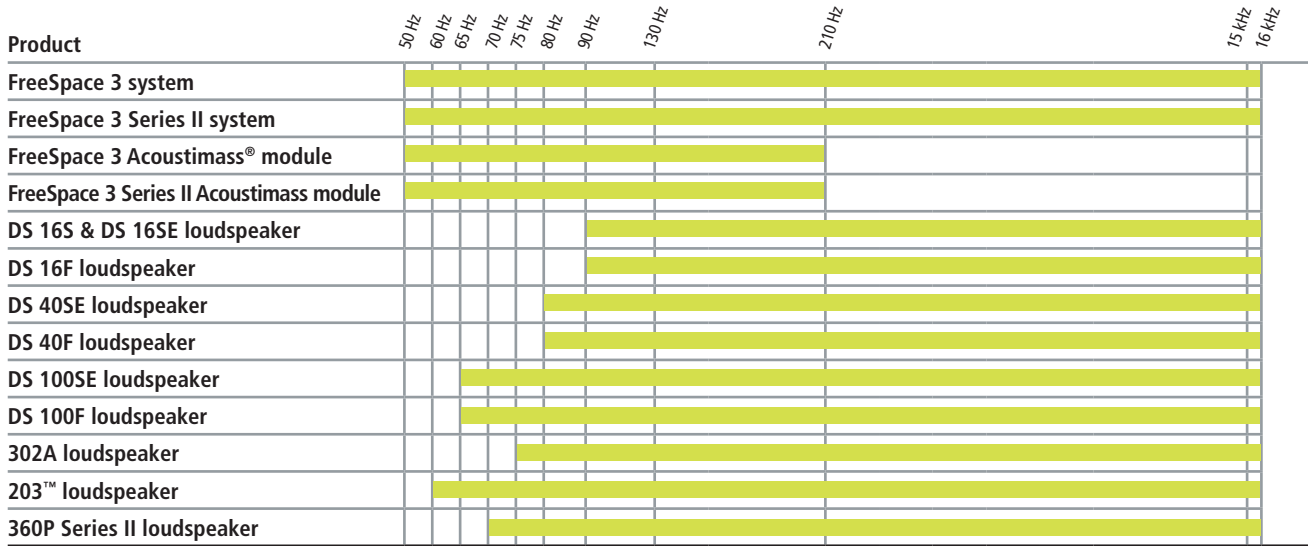




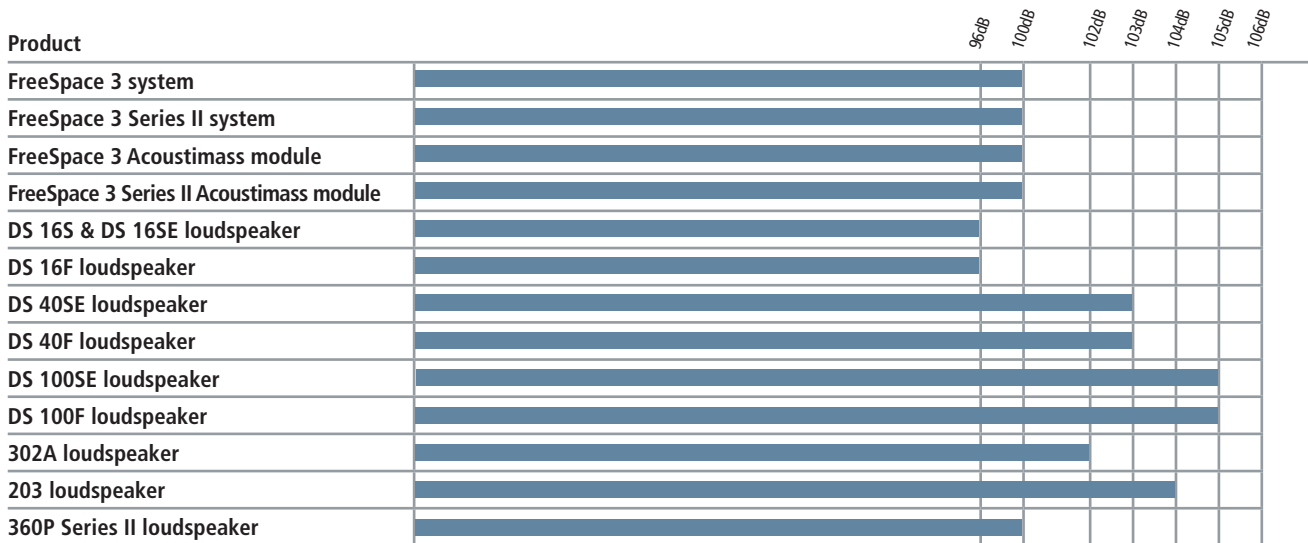
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Frequency Response ($\pm 3\text{dB}$)



Maximum Output (pink noise @ 1m @ rated power)



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