

FreeSpace® 3 subwoofer/satellite systems



Key Features

- **Subwoofer/satellite** systems that deliver high fidelity and extended-bandwidth reproduction of voice and music for a wide range of installed applications, including retail, restaurant and hospitality operations
- **Modular design** supports the flexibility for use of 2 or 4 satellites per Acoustimass bass module, and parallel connection of bass modules
- **Mix and match** surface-mount and flush-mount components to work with different room decors and layouts for a variety of applications
- **Flush-mount** components are plenum rated when used with the optional plenum cover
- **Selectable 70/100V** or low impedance with transformer tap adjustment on Acoustimass bass module
- **Can be configured** for stereo or mono operation



TECHNICAL DATA SHEET

Product Overview

The Bose® FreeSpace® 3 subwoofer/satellite systems are high-performance, extended-range loudspeaker systems designed for small to medium-sized installed applications requiring high fidelity and extended bandwidth reproduction of voice and music. Surface and flush components can be mixed and matched to provide greater flexibility to suit a wide range of applications. FreeSpace® 3 systems feature a wide coverage pattern and frequency response down to 40 Hz.

Technical Specifications

System Performance				
	System	Satellites	Acoustimass Module	
Frequency Response (+/-3 dB) ¹	50 Hz - 16 kHz	210 Hz - 16 kHz	50 Hz - 230 Hz	
Frequency Range (-10 dB) ¹	40 Hz - 20 kHz	170 Hz - 20 kHz	40 Hz - 315 Hz	
Nominal Dispersion	See components	170° conical	Omni-directional below 200 Hz	
Recommended High-Pass Filter	40 Hz high-pass filter	N/A	40 Hz high-pass filter	
Loudspeaker EQ	Recommended	Recommended	Recommended	
Overload Protection	PTC	N/A	PTC	
Long-Term Power Handling ²	70/100 V: 200 W (800 W peak) Low impedance: 100 W (400 W peak)	12 W (48 W peak)	70/100 V: 200 W (800 W peak) mono Low impedance: 50 W (200 W peak) per channel stereo or 100 W (400 W peak) mono	
Sensitivity (SPL / 1 W @ 1 m) ³	82 dB SPL	84 dB SPL	Per channel: 76 dB SPL (Mono: 79 dB SPL)	
Maximum SPL @ 1 m ⁴	93 dB (99 dB SPL peak in a 45,000 ft² room, with RT60 of 1 second, +/- 3 dB)	Pink noise: 95 dB SPL (101 dB SPL peak) IEC noise: 92 dB SPL (108 dB SPL peak)	Per channel: 96 dB SPL (102 dB SPL peak) Mono: 102 dB SPL (108 dB SPL peak)	
Nominal Impedance	4-Cube System: 6 Ω per channel 2-Cube System: 5 Ω per channel (surface); 6 Ω per channel (flush)	6 Ω	Surface Acoustimass: 5 Ω mono direct Flush Acoustimass: 6 Ω mono direct (transformer bypassed)	
Transformer Taps (70/100 V)	25 W, 50 W, 100 W, 200 W	N/A	25 W, 50 W, 100 W, 200 W	
Transducers				
	Satellites		Acoustimass Module	
Driver Complement	2.5" (64 mm) full-range driver (per satellite)		5.25" (133 mm) dual voice coil low frequency driver	
Physical				
	Surface	Flush	Surface	Flush
Enclosure	High-impact polystyrene, textured	PC/ABS	High-density wood composite with solid color PVC laminate	PC/ABS
Grille	Cloth grille	Expanded metal grille	N/A	Expanded metal grille
Environmental	Indoor use only	Indoor use only	Indoor use only	Indoor use only
Connectors	2-position screw type barrier	2-position terminal block	Screw terminal	Multi-position screw-type barriers
Suspension / Mounting	Wall mount brackets included. Bracket Angles: ±30° pitch, ±90° yaw	Integral quick-install mounting features included. Tab for seismic chain or safety cable	Wall bracket (attached to module) included	Integral quick-install mounting features. Three points at rear of housing for pendant mounting
Dimensions	3.0" x 3.0" x 4.0" (77 mm x 77 mm x 102 mm) Depth w/ bracket: 5.9" (149 mm)	Outer flange dia.: 6.2" (157 mm) Depth: 4.8" (123 mm) Ceiling hole dia.: 5.0" (127 mm)	14.0" x 7.5" x 13.6" (356 mm x 191 mm x 345 mm) Width w/ bracket: 8.8" (222 mm)	Outer flange dia.: 15.4" (391 mm) Depth: 7.4" (189 mm) Ceiling hole dia.: 14.3" (362 mm)
Ceiling Thickness (Maximum)	N/A	1.5" (38 mm)	N/A	1.8" (48 mm)
Net Weight	1.8 lb (0.8 kg)	1.9 lb (0.9 kg)	17.5 lb (7.9 kg)	14.0 lb (6.4 kg)
Shipping Weight	4.0 lb (1.8 kg)	5.0 lb (2.3 kg)	25.0 lb (11.3 kg)	20.0 lb (9.1 kg)