

FreeSpace FS2P

pendant loudspeaker

Product Overview

The Bose sound quality you expect. The improvements you need. FreeSpace FS loudspeakers are the next step of our widely trusted line of in-ceiling and surface-mount loudspeakers, offering significant upgrades in durability, design, and ease of installation — all with remarkably consistent tonality. Engineered for high-quality performance in both background music and voice announcement applications, FS loudspeakers are ideal for almost any commercial space. The line includes five loudspeakers, two distinct levels of sound, new mounting options, and a modern aesthetic to match. For those seeking consistent, quality installed sound, FreeSpace FS loudspeakers are the perfect mix of performance and value.



Key Features

FS2 models feature a 2.25-inch full-range transducer, low frequency down to 83 Hz, 16-ohm and 70/100V operation while FS4 models feature a 4.5-inch full-range transducer, low frequency down to 70 Hz, 8-ohm and 70/100V operation

All speakers offer clear voice reproduction and smooth response for background music, with shared voicing across all FS models

Bring quality sound to more places with the FS2SE, FS4SE, FS4C designed for outdoor wet installation — and the FS2P pendant loudspeaker, perfect for open-ceiling applications.

Create tailored mix-and-match installations using in-ceiling, surface-mount, and pendant-mount options. DesignMax subwoofers and larger models can expand your system design options even further

Blend with more room designs with updated enclosures — available in black and white — that pair modern aesthetics with practical features, including removable logos

Install with ease with Euroblock inputs, front baffle-mounted tap settings and audio connections on in-ceiling models, and a full suite of accessories created to handle a wide range of site-specific challenges.

Support public safety — all models are UL 1480 ULC-S541-listed for use in fire alarm and signaling systems in life safety applications

Technical Specifications

SINGLE LOUDSPEAKER PERFORMANCE		
Frequency Response (-3 dB) ⁽¹⁾	95 - 16,000 Hz	
Frequency Range (-10 dB) ⁽¹⁾	83 - 19,000 Hz	
Nominal Coverage Angle ⁽²⁾	140°	
Nominal Coverage (1 - 10 kHz)	130°	
	Bose extended-lifecycle test ⁽⁵⁾	AES transducer test ⁽⁶⁾
Power Handling, long-term continuous	16 W	20 W
Power Handling, peak	64 W	80 W
Sensitivity (SPL/1W @ 1 m) ⁽³⁾	86 dB	99 dB
Calculated Maximum SPL @ 1 m ⁽⁴⁾	98 dB	99 dB
Calculated Maximum SPL @ 1 m, peak	104 dB	105 dB
Loudspeaker EQ	Not Required, Bose EQ Voicing and SmartBass available	
Recommended High-Pass Protection	85 Hz with minimum 24-dB/octave filter	
Transformer taps	70V: 1, 2, 4, 8, 16 W, bypass 100V: 2, 4, 8, 16 W, bypass	
TRANSDUCERS		
Full-Range Driver	1 x 2.25-inch woofer (57 mm)	
Nominal Impedance	16 ohms (transformer bypass)	

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PHYSICAL	
Enclosure Material	Engineered-plastics
Grille	Perforated steel, powder-coated finish
Logo	Removable
Color	Black: similar to Ral 9005, White: similar to Ral 9003
Environmental	Indoor only
Safety Agency	Certification: UL 1480, ULC-S541 for Fire Alarm and Signaling Systems Installation: NFPA 70, NFPA 72, CSA C22.1 Section 32, in accordance with IEC60268-5, CE RoHS
Operating Temperature Range	0 °C to 50 °C (32 °F to 122 °F)
Connectors	Euroblock 6-pin connector with loop-through, mounted on top. Accepts 18 AWG (0.8 mm ²) to 14 AWG (2.5 mm ²) size wire. Includes input cover.
Suspension/Mounting	Each FS2P has one (1) suspension attachment point and one (1) safety cable attachment point Included is one (1) 4.5 meter (15 foot) Gripple brand adjustable suspension cable
Product Dimensions (Enclosure Diameter × Depth)	149 x 183 mm (5.9 x 7.2 in)
Product Dimensions with Suspension Tab (Enclosure Diameter × Depth)	149 x 215 mm (5.9 x 8.5 in)
Net Weight	1.47 kg (3.25 lb)
Shipping Weight, Pair	4.06 kg (8.95 lb)
Included Accessories	Each FS2P includes one (1) 4.5 meter (15 foot) Gripple brand adjustable suspension cable system, four (4) cable ties, one (1) input cover and one (1) safety cable attachment
Optional Accessories	Gripple Brand Pendant Suspension Cable Pair kit
PRODUCT CODES	
841153-0110	FREESPACE FS2P PAIR BLK
841153-0210	FREESPACE FS2P PAIR WHT

Footnotes

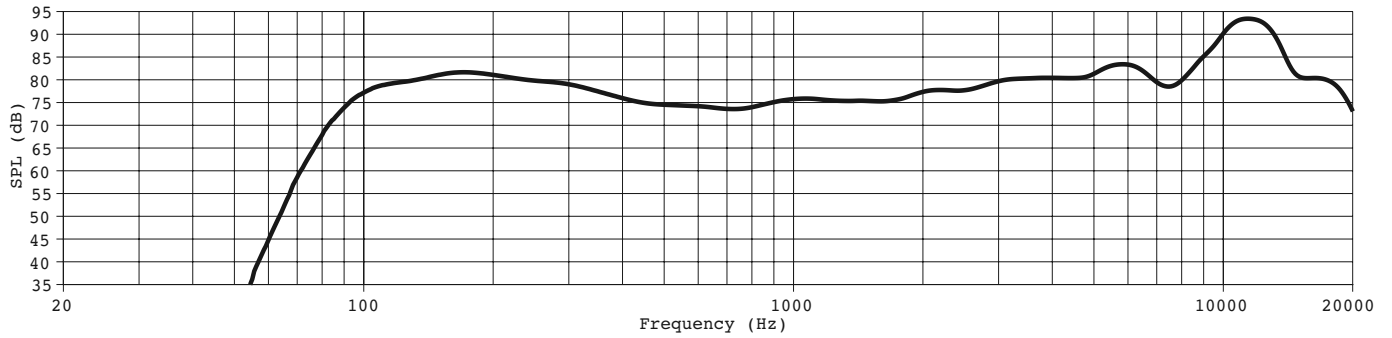
- (1) Frequency response and range measured on-axis in whole-space environment with recommended EQ
- (2) 1 kHz to 4 kHz average
- (3) Sensitivity measured on-axis in whole-space environment with recommended EQ
- (4) Maximum SPL calculated from sensitivity and power handling specifications, exclusive of power compression
- (5) Bose extended-lifecycle test using pink noise filtered to meet IEC268-5, 6-dB crest factor, 500-hour duration
- (6) AES standard 2-hour duration with IEC system noise

For additional specifications and application information, please visit PRO.BOSE.COM.
Specifications subject to change without notice. 03/2020

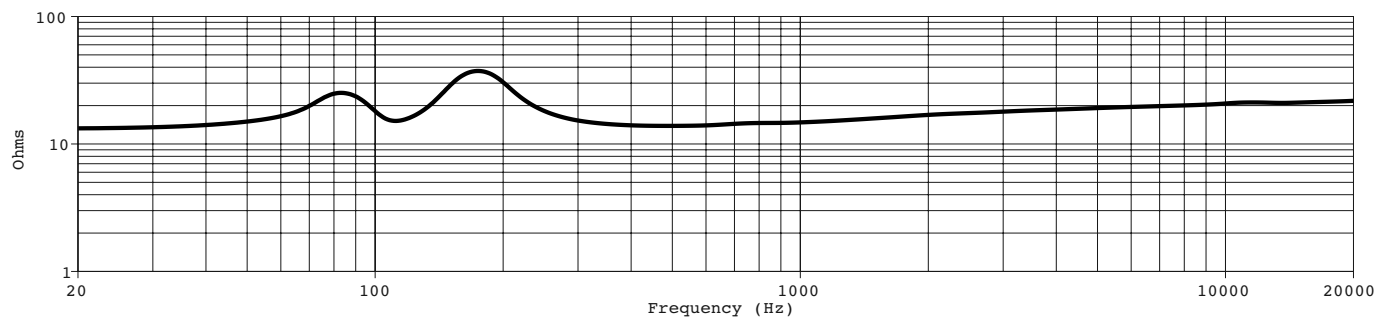
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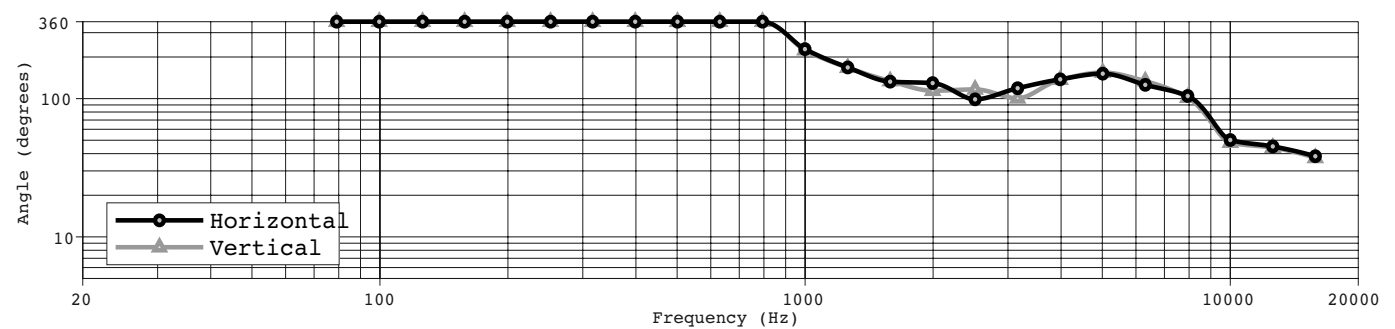
On-Axis Frequency Response (half-space (2π) with Bose EQ voicing)



Impedance



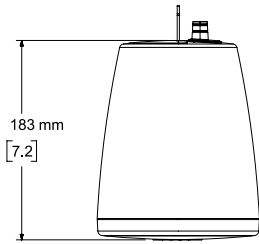
Beamwidth



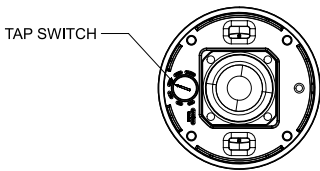
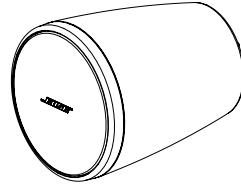
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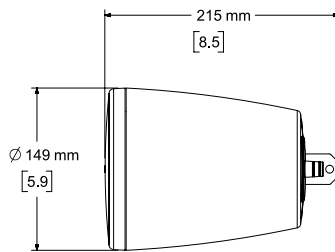
Dimensions



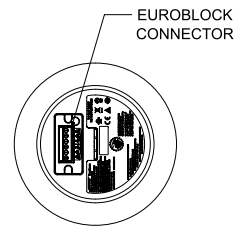
Side View



Front View
GRILLE REMOVED FOR CLARITY



Right View
DIMENSIONS APPLY TO BOTH SIDES



Rear View
TOP CAP REMOVED FOR CLARITY

- NOTES:
1. DIMENSIONS ARE IN MILLIMETERS OVER INCHES
2. WEIGHT APPROX 1.47kg [3.25lbs]