

# FreeSpace FS2P

## pendant loudspeaker

### Product Overview

FreeSpace FS loudspeakers are designed for high-quality performance in background music and voice announcement applications. Redesigned enclosures and aesthetics, removeable logos, metal backcans on ceiling-mount models, and ease-of-installation features mean that this update to the classic FreeSpace DS line is ideal for installations in almost any commercial space.

The pendant-mount FS2P features a full-range 2.25-inch cone transducer, low frequency range down to 85 Hz, 16-ohm and 70/100 V operation. The stylish pendant enclosure and single-point suspension design ensure a great compliment to open ceiling, raked ceiling, and other architecture in which a pendant loudspeaker is desired.



### Key Features

**High-quality loudspeaker solutions** for voice and background music

**Updated enclosures** and removeable logos that do not leave grille marks or holes

**Low-impedance and high-impedance** operation without separate model versions

**Consistent tonality** throughout the line means mixing and matching models in the same installation

**UL1480 ULC-S541** Life Safety Fire Alarm and Signaling listed

**Black and White** versions of all models

**Pendant design for single point suspension** in open ceiling and angled ceiling architecture, or wherever a suspended pendant loudspeaker is desired

### Technical Specifications

SINGLE LOUDSPEAKER PERFORMANCE		
Frequency Response (-3 dB) <sup>(1)</sup>	95 - 18,000 Hz	
Frequency Range (-10 dB)	85 - 19,000 Hz	
Nominal Coverage Angle <sup>(2)</sup>	180°	
Nominal Coverage (1 - 10 kHz)	165°	
	Bose extended-lifecycle test <sup>(5)</sup>	AES transducer test <sup>(6)</sup>
Power Handling, long-term continuous	16 W	20 W
Power Handling, peak	64 W	80 W
Sensitivity (SPL/1W @ 1 m) <sup>(3)</sup>	84 dB	84 dB
Calculated Maximum SPL @ 1 m <sup>(4)</sup>	96 dB	97 dB
Calculated Maximum SPL @ 1 m, peak	102 dB	103 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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<b>PHYSICAL</b>	
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 <sup>2</sup> ) to 14 AWG (2.5 mm <sup>2</sup> ) 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 × 183 mm (5.87 × 7.2 in)
Product Dimensions with Suspension Tab (Enclosure Diameter × Depth)	149 × 215 mm (5.87 × 8.46 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
<b>PRODUCT CODES</b>	
841153-0110	FREESPACE FS2P PAIR BLK
841153-0210	FREESPACE FS2P PAIR WHT

#### Footnotes

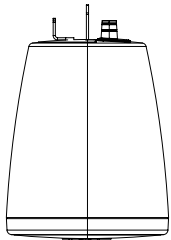
- (1) Frequency response and range measured on-axis in whole-space environment with recommended EQ
- (2) 1 kHz to 4 kHz average
- (3) Sensitivity measured on-axis in whole-space environment with recommended EQ
- (4) Maximum SPL calculated from sensitivity and power handling specifications, exclusive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

For additional specifications and application information, please visit [PRO.BOSE.COM](http://PRO.BOSE.COM).  
Specifications subject to change without notice. 01/2020

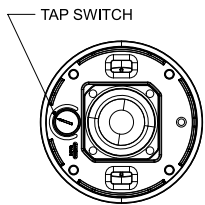
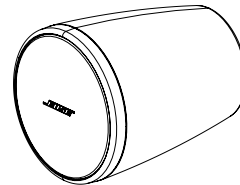
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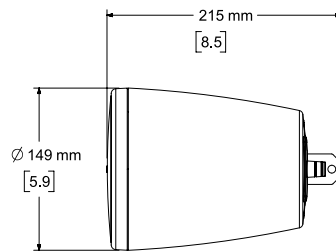
## Dimensions



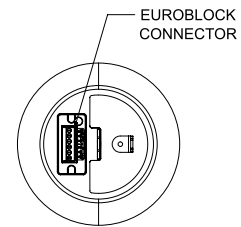
Side View



Front View  
GRILLE REMOVED FOR CLARITY



Right View  
DIMENSIONS APPLY TO BOTH SIDES



Rear View  
CAP, TOP REMOVED FOR CLARITY

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