

FREESPACE FS2SE

MODELLO	AES transducer test	Bose extended -lifecycle test
Frequency response [-3 dB]	95 - 16,000 Hz	95 - 16,000 Hz
Frequency range [-10 dB]	83 - 19,000 Hz	83 - 19,000 Hz
Nominal Coverage Angle (1 - 4 kHz)	145° x 140°	145° x 140°
Nominal Coverage (1 - 10 kHz)	130° x 130°	130° x 130°
Power Handling, Long-term Continuous	20 W	16 W
Power Handling, Peak	80 W	64 W
Sensitivity SPL/1W @ 1m	87 dB	87 dB
Calculated Maximum SPL @ 1 m	100 dB	98 dB
Calculated Maximum SPL @ 1 m, Peak	106 dB	105 dB
Loudspeaker EQ	No Bose EQ required when speaker used for general use. Bose EQ Voicing and SmartBass available. EN54-24 Equalization is required for EN54-24 use; refer to FS2SE EN54-24 Certified ratings document on pro.bose.com for details	
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	
Full-Range Driver	1 x 2.25-inch woofer (57 mm)	
Nominal Impedance	16 ohms (transformer bypass)	
Enclosure Material	Engineered-plastics front baffle with integrated steel-formed backcan	
Grille	Perforated steel, powder-coated finish	
Logo	Rotatable, removable	
Color	Black (similar to Ral 9005), White (similar to Ral 9003)	
Environmental / Ingress Protection	Rated for direct-exposure outdoor installations (IP55 per EN60529; IP33C per EN54-24). Suitable for use outdoors in wet locations. Includes weather-resistant input cover. Optional accessory aluminum grille for harsh environments to prevent red corrosion is available.	
Safety Agency	Certification: EN54-24:2008 for Voice Alarm Systems, UL 1480 UUMW, CAN/ULC-S541 UUMW7 for Speakers for Fire Alarm and Signaling Systems. Installation: NFPA 70, NFPA 72, CSA C22.1 Section 32 For EN54-24 specifications, Refer to FS2SE EN 54-24 Certified Ratings document on pro.bose.com. EN54-24 Equalization required for EN54-24 use	
Operating Temperature Range	-25 °C to 70 °C [-13 °F to 158 °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	External U-bracket with bracket screws 7 preset mounting angles: 0°, +15°, +30°, or +45° for wall or ceiling placement Two (2) rear M8 screw inserts for use with optional Ceiling Mount Ceiling Mount Bracket S2, DMSBRKT pan-and-tilt bracket Safety cable can be used with either of two (2) rear M6 inserts when using included U-bracket, or with either of two (2) side M5 inserts, when using optional brackets	
Dimensions (H x W x D)	182 x 113 x 114 mm (7.1 x 4.4 x 4.5 in)	
Dimensions with Bracket (H x W x D)	196 x 113 x 135 mm (7.7 x 4.4 x 5.3 in)	
Net Weight, Loudspeaker with Grille and Bracket (Single)	1.43 kg (3.15 lb)	
Shipping Weight (Pair)	4.17 kg (9.2 lb)	
Included Accessories	Each FS2SE includes one (1) Bose logo for vertical orientation, one (1) U-Bracket and one (1) weather-resistant input cover	
Optional Accessories	Aluminum Grille kit (2-pack), DesignMax DMSBRKT pan-and-tilt bracket (for indoors), Ceiling Mount Bracket S2, Ceramic Terminal and Thermal Fuse Kit (10-pack)	