

## FS2SE Wall Mount Speaker

FS2SE Wall Mount Speaker 16W

- IP55
- EN54-24 Certified

Power	16W
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### Detailed

Model	FS2SE	
<b>SINGLE LOUDSPEAKER PERFORMANCE</b>		
Frequency Response (-3 dB)	95 - 16,000 Hz	
Frequency Range (-10 dB)	83 - 19,000 Hz	
Nominal Coverage Angle (1 - 4 kHz)	145° x 140°	
Nominal Coverage (1 - 10 kHz)	130° x 130°	
Power Handling, Long-term Continuous	AES transducer test 20W	Bose Professional extended-lifecycle test 16W
Power Handling, Peak	AES transducer test 80W	Bose Professional extended-lifecycle test 64W
Sensitivity SPL / 1 W @ 1 m <sup>2</sup>	AES transducer test 87dB	Bose Professional extended-lifecycle test 87dB
Calculated Maximum SPL @ 1 m <sup>3</sup>	AES transducer test Bose Professional extended-lifecycle test	

	100dB	99dB
Calculated Maximum SPL @ 1 m, Peak	AES transducer test 106dB	Bose Professional extended-lifecycle test 105dB
Loudspeaker EQ	No Bose Professional EQ required when speaker used for general use. Bose Professional EQ Voicing and SmartBass available. EN 54-24 equalization is required for EN 54-24 use; refer to installation guide 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	
<b>TRANSDUCERS</b>		
Full-Range Driver	1 x 2.25-inch woofer (57 mm)	
Nominal Impedance	16 ohms (transformer bypass)	
<b>PHYSICAL</b>		
Enclosure Material	Engineered plastics, highly UV fade-resistant	
Bracket Material	Powder-coated steel	
Grille	Perforated steel, powder-coated finish, tamper-resistant design	
Logo	Rotatable, removable	
Color	Black	
Environmental/Ingress Protection	Rated for direct-exposure outdoor installations (IP55 per EN 60529; IP33C per EN 54-24). 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: EN 54-24: 2008 for Voice Alarm Systems; UL 1480(A). For EN 54-24 specifications, refer to installation guide. EN 54-24 equalization required for EN 54-24 use. Installation: NFPA 70, NFPA 72, CSA C22.1 Section 32.	
Operating Temperature Range	-25 °C to 70 °C (-13 °F to 158 °F)	
Connectors	Euroblock 6-pin connector with loop-through, mounted on rear. 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	External U-bracket with bracket screws and two (2) screw inserts for use with optional surface-mount pan-and-tilt bracket or CMB S2 ceiling mount bracket. 7 preset mounting angles: 0°, +15°, +30°, or +45° for wall or ceiling placement. Safety cable can be used with either of two (2) side M5 inserts	
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 & Bracket (Single)	1.43 kg (3.15 lb)	
Shipping Weight (Pair)	4.17 kg (9.2 lb)	
Included Accessories	Each FS2SE includes one (1) logo for vertical orientation, one (1) U-Bracket and one (1) weather-resistant input cover	
Optional Accessories	Aluminum grille kit (2-pack), surface-mount pan-and-tilt bracket, CMB S2 ceiling mount bracket, ceramic terminal and fuse kit (10-pack)	