

## FS4SE Speaker

FS4SE Speaker 40W

- IP55
- EN 54-24 Certified

Power	40W
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## Detailed

Model	FS4SE	
<b>SINGLE LOUDSPEAKER PERFORMANCE</b>		
Frequency Response (-3 dB)	80 - 16,000 Hz	
Frequency Range (-10 dB)	70 - 17,000 Hz	
Nominal Coverage Angle (1 - 4 kHz)	130° × 125°	
Nominal Coverage (1 - 10 kHz)	105° × 100°	
Power Handling, Long-term Continuous	AES transducer test 50W	Bose Professional extended-lifecycle test 40W
Power Handling, Peak	AES transducer test 200W	Bose Professional extended-lifecycle test 160W
Sensitivity SPL / 1 W @ 1 m <sup>2</sup>	AES transducer test 89dB	Bose Professional extended-lifecycle test 89dB
Calculated Maximum SPL @ 1 m <sup>3</sup>	AES transducer test 106dB	Bose Professional extended-lifecycle test 105dB
Calculated Maximum SPL @ 1 m, Peak	AES transducer test 112dB	Bose Professional extended-lifecycle test 111dB

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	70 Hz with minimum 24-dB/octave filter
Transformer taps	70V: 2.5, 5, 10, 20, 40 W, bypass 100V: 5, 10, 20, 40 W, bypass
<b>TRANSDUCERS</b>	
Full-Range Driver	1 x 4.5-inch woofer (114 mm)
Nominal Impedance	8 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 (similar to RAL 9005)
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)	254 x 171 x 174 mm (10.0 x 6.7 x 6.8 in)
Dimensions with Bracket (H x W x D)	273 x 171 x 196 mm (10.7 x 6.7 x 7.7 in)
Net Weight, Loudspeaker with Grille & Bracket (Single)	3.08 kg (6.80 lb)
Shipping Weight (Pair)	8.32 kg (18.35 lb)
Included Accessories	Each FS4SE 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)