

DM3SE Speaker

DM3SE Speaker Loudspeaker 30W

- IP55

Power	30W
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Detailed

Model	DM3SE	
SINGLE LOUDSPEAKER PERFORMANCE		
Frequency Response (-3 dB)	85 – 20,000 Hz	
Frequency Range (-10 dB)	75 – 20,000 Hz	
Nominal Coverage Angle (1 – 4 kHz)	140° conical	
Nominal Coverage (1 – 10 kHz)	135° conical	
Power Handling, Long-term Continuous	AES transducer test 30W	Bose Professional extended-lifecycle test 25W
Power Handling, Peak	AES transducer test 120W	Bose Professional extended-lifecycle test 100W
Sensitivity SPL / 1 W @ 1 m ²	AES transducer test 86dB	Bose Professional extended-lifecycle test 86dB
Calculated Maximum SPL @ 1 m ³	AES transducer test 101dB	Bose Professional extended-lifecycle test 100dB
Calculated Maximum SPL @ 1 m, Peak	AES transducer test 107dB	Bose Professional extended-lifecycle test 106dB
Crossover	1.7 kHz (passive 2-way crossover)	
Loudspeaker EQ	Not required. Bose Professional EQ voicing and SmartBass available.	
Recommended High-Pass Protection	80 Hz with minimum 24-dB/octave filter	

Transformer taps	70V: 3, 6, 12, 25 W, bypass 100V: 6, 12, 25 W, bypass
TRANSDUCERS	
Low Frequency	1 x 83 mm woofer (3.25 in), weather-treated
High Frequency	1 x 20 mm (0.75 in) neodymium dome tweeter, coaxially mounted, weather-treated
Technology	Dispersion Alignment System, 127 mm (5 in) system diameter
Nominal Impedance	8 Ω (transformer bypass)
PHYSICAL	
Enclosure Material	Engineered plastics, highly UV fade-resistant
Bracket Material	Powder-coated steel
Grille	Perforated aluminum with powder-coat finish, tamper-resistant design, paintable
Logo	Rotatable, removable
Color	White
Environmental/Ingress Protection	Outdoor per IEC 529 IP55 (suitable for use outdoors in wet locations), includes aluminum grille to prevent red corrosion and weather resistant input cover
Safety Agency	UL Listed, UL 1480A, NFPA 70, CE-compliant
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 ²) to 14 AWG (2.5 mm ²) size wire.
Suspension/Mounting	QuickHold mounting system with included U-bracket and two (2) screw inserts for use with optional pan & tilt bracket 4 preset mounting angles: 0°, 15°, 30°, 45° for wall or ceiling placement Insert for safety-tether attachment
Dimensions (H x W x D)	232 x 154 x 155 mm (9.1 x 6.1 x 6.1 in)
Dimensions with Bracket (H x W x D)	232 x 154 x 171 mm (9.1 x 6.1 x 6.7 in)
Net Weight, Loudspeaker with Grille & Bracket (Single)	2.5 kg (5.6 lb)
Shipping Weight (Pair)	7.2 kg (16.0 lbs)
Included Accessories	U-bracket, powder-coated steel
Optional Accessories	Surface-mount pan-and-tilt bracket, CMB S2 ceiling mount bracket