



# SF12M 12 Inch Two-Way Stage Monitor Speaker



## Key Features:

- ▶ JBL 12" low frequency driver with a 64 mm (2½ in) diameter edge-wound ribbon voice coil which provides more cross-sectional wire area in the voice coil gap than round wire designs, for greater efficiency and power handling.
- ▶ Ferro-fluid cooled compression driver with titanium diaphragm improves high frequency performance as well as system reliability.
- ▶ The advanced network topology crossover design shapes frequency response and delivers "coherent summation" in the crossover region.
- ▶ High-voltage capacitors and inductors with massive cores and heavy gauge wire enable the crossover network to handle high power without saturating.
- ▶ Progressive Transition™ high-frequency waveguide provides superior coverage control, reduced distortion, and smoother frequency response.
- ▶ The rugged, acoustically superior enclosure is constructed from 19 mm (¾ in) MDF (Medium Density Fiberboard) using advanced adhesives and mechanical fastener technology for extreme durability and improved low-frequency performance.
- ▶ SonicGuard™ protects the high-frequency driver from excess power without interrupting the performance.
- ▶ Non-resonant, all-steel handles are used.
- ▶ Attractive 18-gauge hexagon perforated, steel grille protects components from damage.
- ▶ Cast aluminum, 35 mm pole-mount cup for stand mounting.



The SoundFactor SF12M is a portable, twelve-inch, two-way speaker system designed specifically for live performance stage monitoring applications. With enough sensitivity and power handling to cut through the performance volume on stage, the SF12M has a smooth response so it can deliver maximum gain before feedback. Small enough to fit on crowded stages, the SF12M also includes a 35 mm pole-mount cup allowing it to be used as a main PA speaker.

## Specifications:

System Type:	12" 2-way, stage monitor
Frequency Range (-10 dB): <sup>2</sup>	60 Hz - 16 kHz
Frequency Response (±3 dB):	70 Hz - 12 kHz
Sensitivity (1w/1m):	99 dB SPL
Nominal Impedance:	8 Ω
Power Capacity: <sup>1</sup>	250 watts
Peak Power Capacity: <sup>1</sup>	1000 watts
Maximum SPL:	129 dB
Nominal Dispersion:	90° x 50°
Crossover Frequency:	1.8 kHz
Dimensions (H x W x D): <sup>3</sup>	584 mm x 394 mm x 321 mm (23 in x 15.5 in x 12.6 in)
Weight:	19.5 kg (43 lb)
Shipping Weight:	22.0 kg (49 lb)
High Frequency Driver:	JBL 2412 1" exit compression driver mounted on Progressive Transition™ Waveguide
Low Frequency Driver:	JBL M112-8
Input Connectors:	Neutrik® Speakon® NL-4 (x1); ¼" TS phone jack (x1); parallel
Enclosure Construction:	19 mm (¾ in) MDF (Medium Density Fiberboard); with glued and mechanically fastened joint detail; covered in black carpet.
Grille:	18-gauge, powder-coated steel
Mounting & Suspension:	35 mm, cast aluminum pole-mount socket

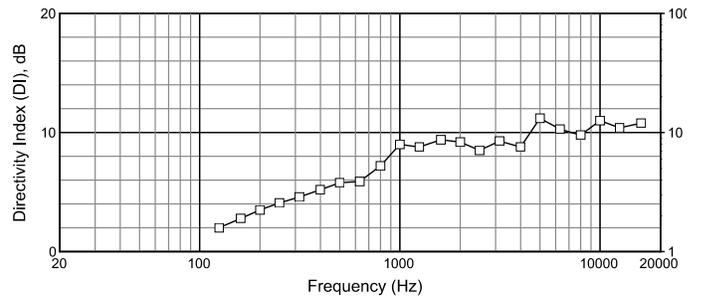
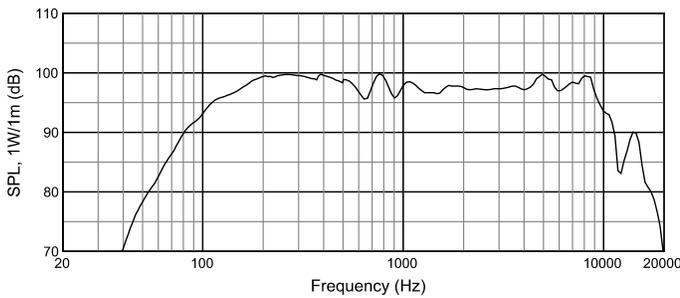
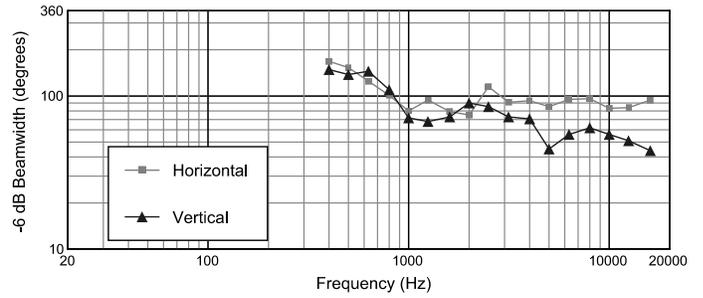
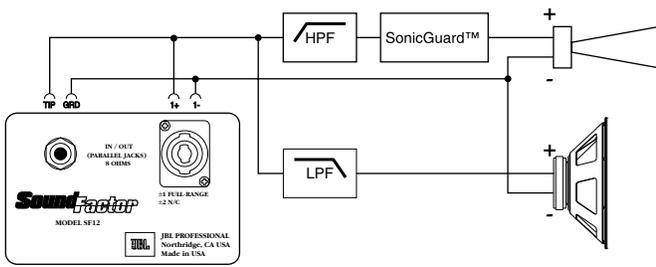
<sup>1</sup> "Power Capacity" and "Peak Power Capacity" ratings are based on the average and peak power capacity of product samples subjected to a 100 hour power test using random noise with a 6 dB crest factor, in accordance with IEC standards.

<sup>2</sup> "Frequency Range" and "Frequency Response" are based on half-space response.

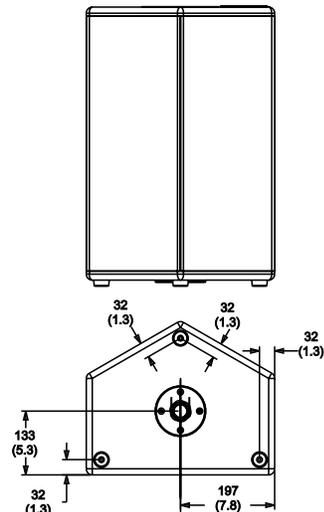
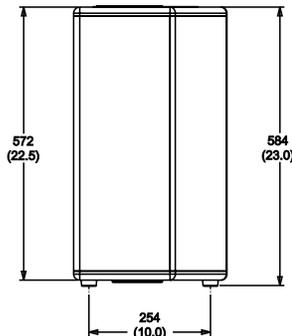
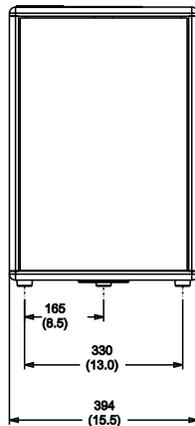
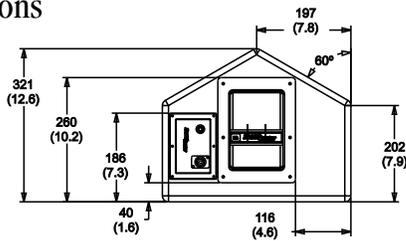
<sup>3</sup> Height dimension includes feet.

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## Dimensions



Dimensions in mm (in)



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