

Professional Series

Key Features:

- ▶ 12" custom LF driver featuring high-power handling and extended low frequency response
- ▶ JBL patent compression HF driver for warm vocal reproduction in great detail
- ▶ Enclosure constructed of 15 mm MDF with durable painting
- ▶ 70° × 100° coverage pattern with smooth response on and off axis
- ▶ 18-gauge steel front grille for protection of internal components
- ▶ 35 mm pole-mount socket



Applications:

- ▶ Karaoke sound reinforcement
- ▶ For use with a sub-woofer

MTS12 is a professional-grade 12" (304.8 mm) two-way speaker system designed for karaoke rooms. The two-way speaker combines a custom-made 12" woofer with a patent JBL 2414H-C compression driver, and stands itself out for high power handling, large dynamic, warm vocal ranges and extended low bands. Its 70° × 100° coverage pattern provides smooth and even coverage whether installed in vertical or horizontal orientation.

MTS12 is designed in a low profile and can easily blend into any karaoke rooms. The rugged enclosure is constructed of 15 mm high quality MDF and finished in a durable coating. The front grille is made from 18-gauge steel and backed with acoustic fabrics for protection of drivers and components inside. A Neutrik® Speakon® NL4MP connector is provided for reliable connection with a professional amplifier. To meet different installation requirements, three (3) pairs of M10 threaded suspension points and a 35 mm pole-mount socket are made available.

Specifications:

System:

System Type:	12", 2-way, bass-reflex
Frequency Range (-10 dB) ¹ :	47 Hz - 20 kHz
Frequency Response (±3 dB) ¹ :	80 Hz - 18 kHz
Sensitivity (1w@1m) ¹ :	95 dB
Nominal Impedance:	8 Ohms
Maximum SPL ² :	121 dB (127 dB peak)
Power Rating ³ : (Continuous/Program/Peak)	400 W/800 W/1600 W
Coverage Pattern:	70° × 100° (H × V)

Physical:

Dimensions (H × W × D):	599 mm × 347 mm × 370 mm 23.6 inch × 13.7 inch × 14.6 inch
Net Weight:	18.6 Kg (41.0 lbs)
LF Driver:	1 × 12" (304.8 mm) woofer
HF Driver:	1 × JBL 2414H-C
Input Connectors:	1 × Neutrik® Speakon® NL4MP
Enclosure Construction:	Trapezoid, 15 mm, MDF

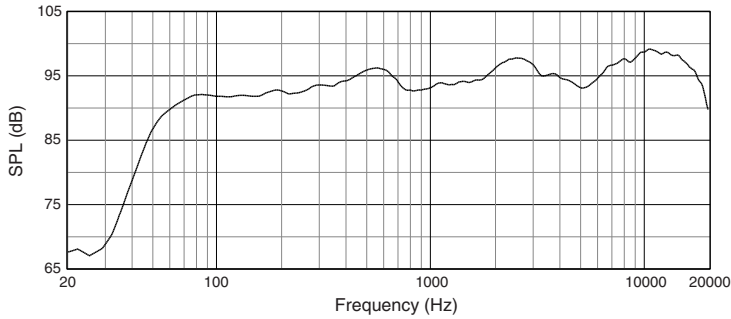
¹ Full space (4π) conditions

² Calculated maximum SPL based on rated power handling

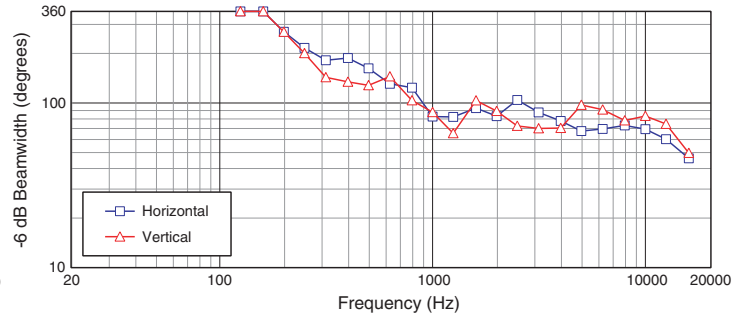
³ IEC standard, pink noise with 6 dB crest factor for 2 hours

► MTS12 12-Inch Full Range Loudspeaker System

Frequency Response:

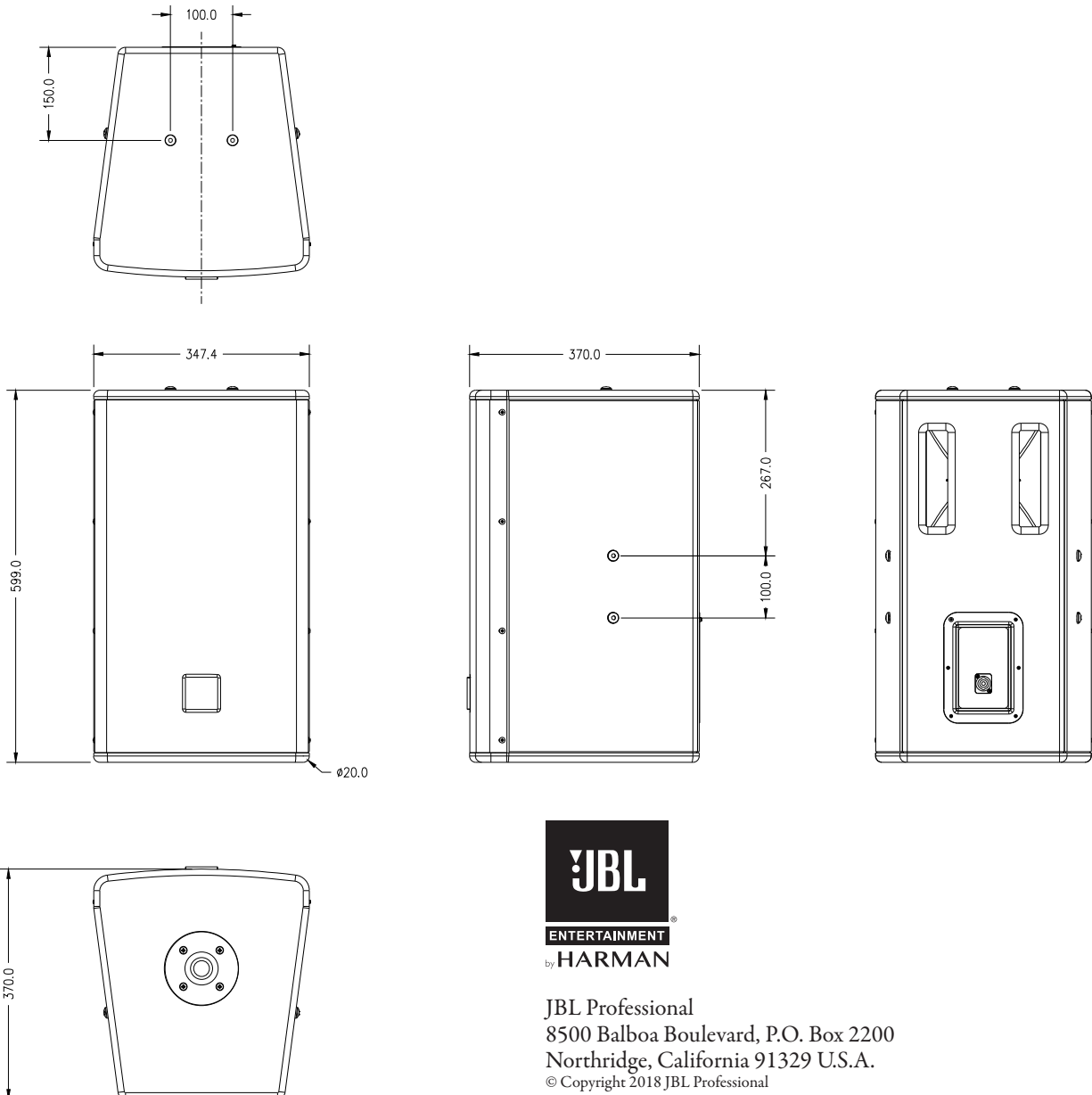


Beamwidth:



Dimensions:

Dimensions in mm



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