



# MTS12

## 12-Inch Full Range Loudspeaker System

### 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) <sup>1</sup> :                  | 47 Hz - 20 kHz          |
| Frequency Response (±3 dB) <sup>1</sup> :                | 80 Hz - 18 kHz          |
| Sensitivity (1w@1m) <sup>1</sup> :                       | 95 dB                   |
| Nominal Impedance:                                       | 8 Ohms                  |
| Maximum SPL <sup>2</sup> :                               | 121 dB (127 dB peak)    |
| Power Rating <sup>3</sup> :<br>(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<br>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   |

<sup>1</sup> Full space (4π) conditions

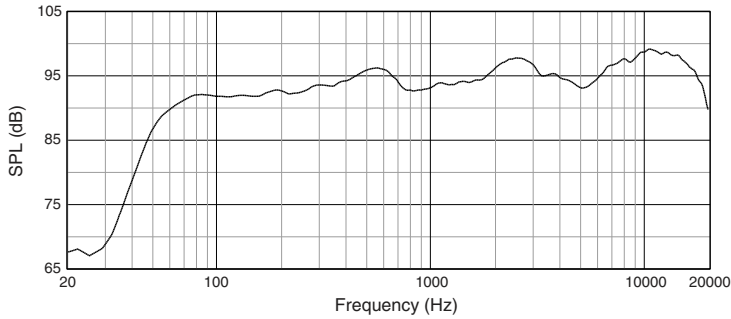
<sup>2</sup> Calculated maximum SPL based on rated power handling

<sup>3</sup> IEC standard, pink noise with 6 dB crest factor for 2 hours

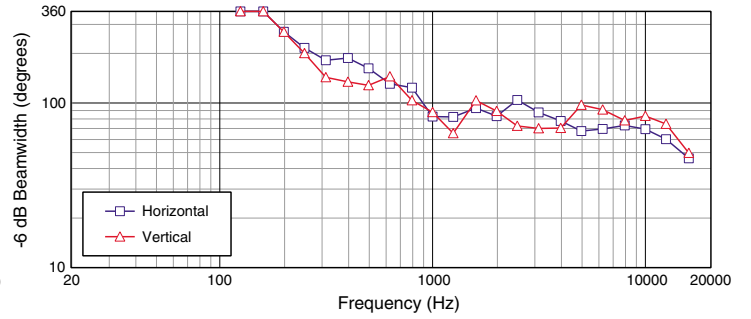
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## Frequency Response:

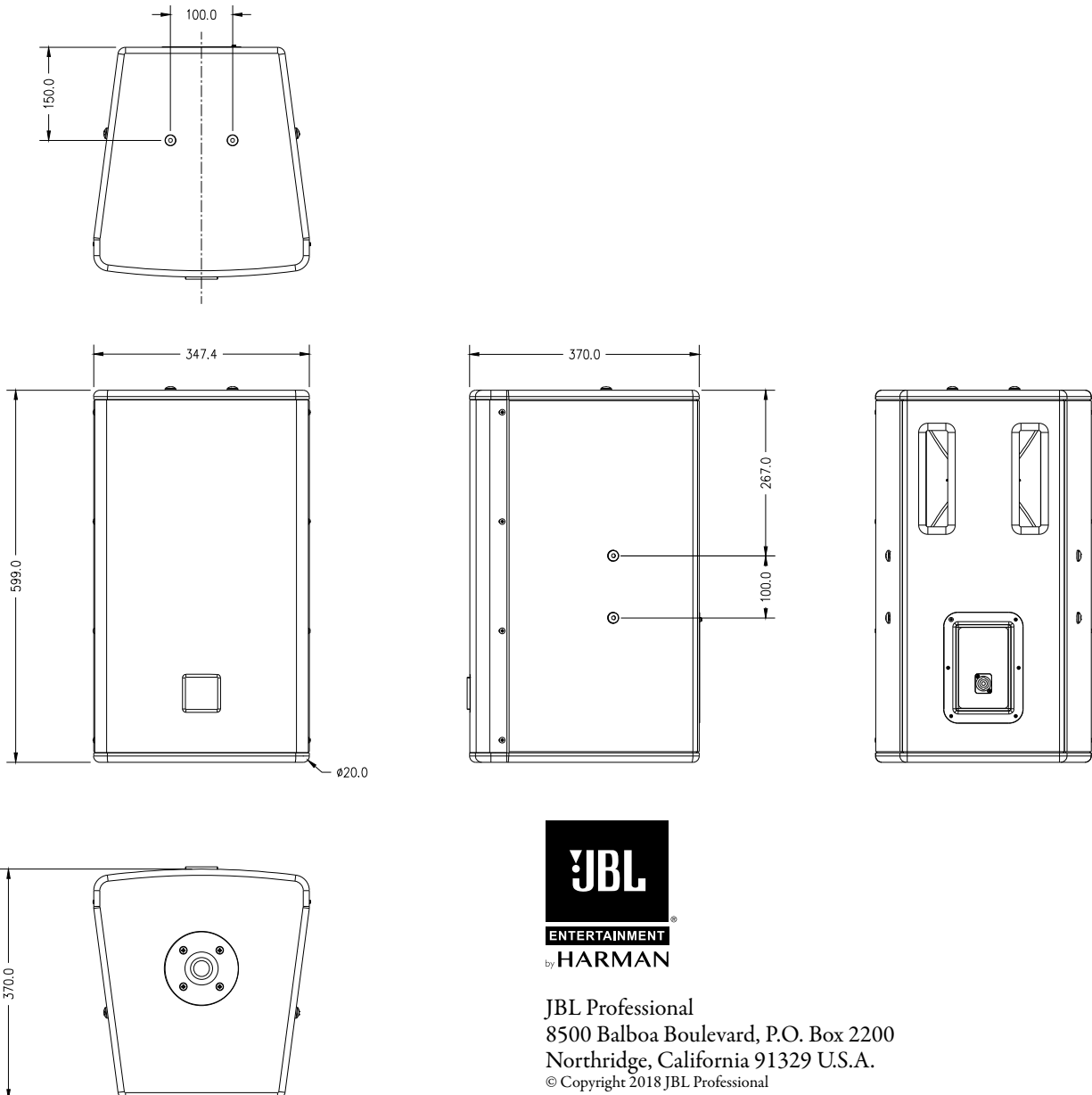


## Beamwidth:



## Dimensions:

Dimensions in mm



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