

### Professional Series

### Key Features:

- ▶ 10" Differential Drive® woofer for high-power capacity and very lightweight
- ▶ 1.5" annular polymer diaphragm compression driver
- ▶ Enclosure constructed of 15 mm plywood with rugged durable painting
- ▶ 80° x 70° coverage pattern for even and smooth response on and off axis
- ▶ Attractive 16 gauge protective screen backed steel grille
- ▶ Precision engineered crossover for optimal power response and performance in the vocal midrange region
- ▶ Single position pole socket for applications requiring pole mounting
- ▶ SonicGuard™ protects high frequency driver from excess power without interrupting the performance.
- ▶ Rotatable JBL ENTERTAINMENT logo for easy coherence to your application

### Applications:

- ▶ KTV sound reinforcement
- ▶ Bar and club live or pre-recorded sound reinforcement
- ▶ High-performance satellite speaker for use with subwoofers

The KP610 is a premium high-output lightweight full-range loudspeaker.

The KP610 uses a JBL 261H 254 mm (10 in) Differential Drive® woofer and a 2408H-1 37.5 mm (1.5 in) annular polymer diaphragm, neodymium compression driver for 300 watts power capacity. 80° x 70° coverage pattern provides smooth, even coverage whether used in the vertical or horizontal orientation. The high-slope passive network minimizes band overlap.

The enclosure is constructed of 15 mm multi-ply high quality plywood and finished in a durable black paint coating. The trapezoid enclosure is fitted with dual Neutrik NL4MP connector for loop thru connection, fifteen M10 threaded suspension points, four M10 screws for KTV bracket mounting, a 35 mm pole mount. It utilizes a 16 gauge protective screen backed steel grille to provide driver protection with a very professional appearance.



### Specifications:

#### System:

System Type:	10", 2-way, bass-reflex
Frequency Range (-10 dB) <sup>1</sup> :	72 Hz - 20 KHz
Frequency Response (±3 dB) <sup>1</sup> :	90 Hz - 20 KHz
System Sensitivity (1w @ 1m) <sup>1</sup> :	95 dB
Nominal Impedance:	8 ohms
Maximum SPL:	122 dB (128 dB peak)
Power Rating <sup>2</sup> : (Continuous/Program/Peak)	300 W/600 W/1200 W
Coverage Pattern:	80° x 70° (H x V)

#### Physical:

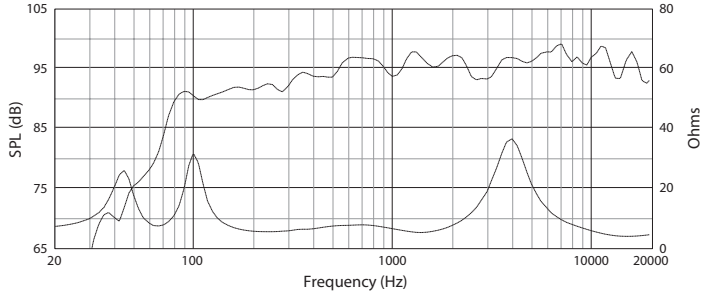
Dimensions (H x W x D):	524 mm x 300 mm x 340 mm 20.6 in x 11.8 in x 13.4 in
Net Weight:	11.9 Kg (26.2 lbs)
LF Driver:	1 x JBL 261H
HF Driver:	1 x JBL 2408H-1
Input Connectors:	2 x Neutrik® Speakon® NL4MP
Enclosure Construction:	Trapezoid, 15 mm, plywood

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

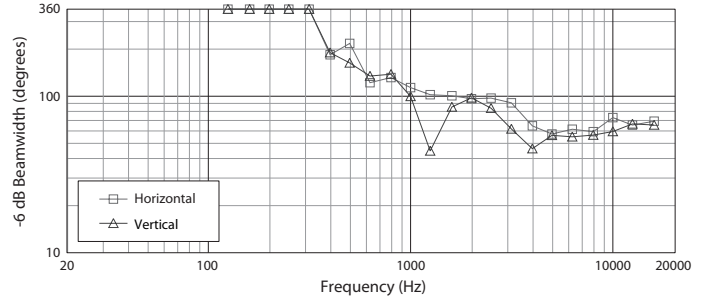
<sup>2</sup> IEC pink noise with 6 dB crest factor, in frequency range for 2 hours

# ▶ KP610 10 Inch 2-Way Full Range Loudspeaker System

## Frequency Response and Impedance:

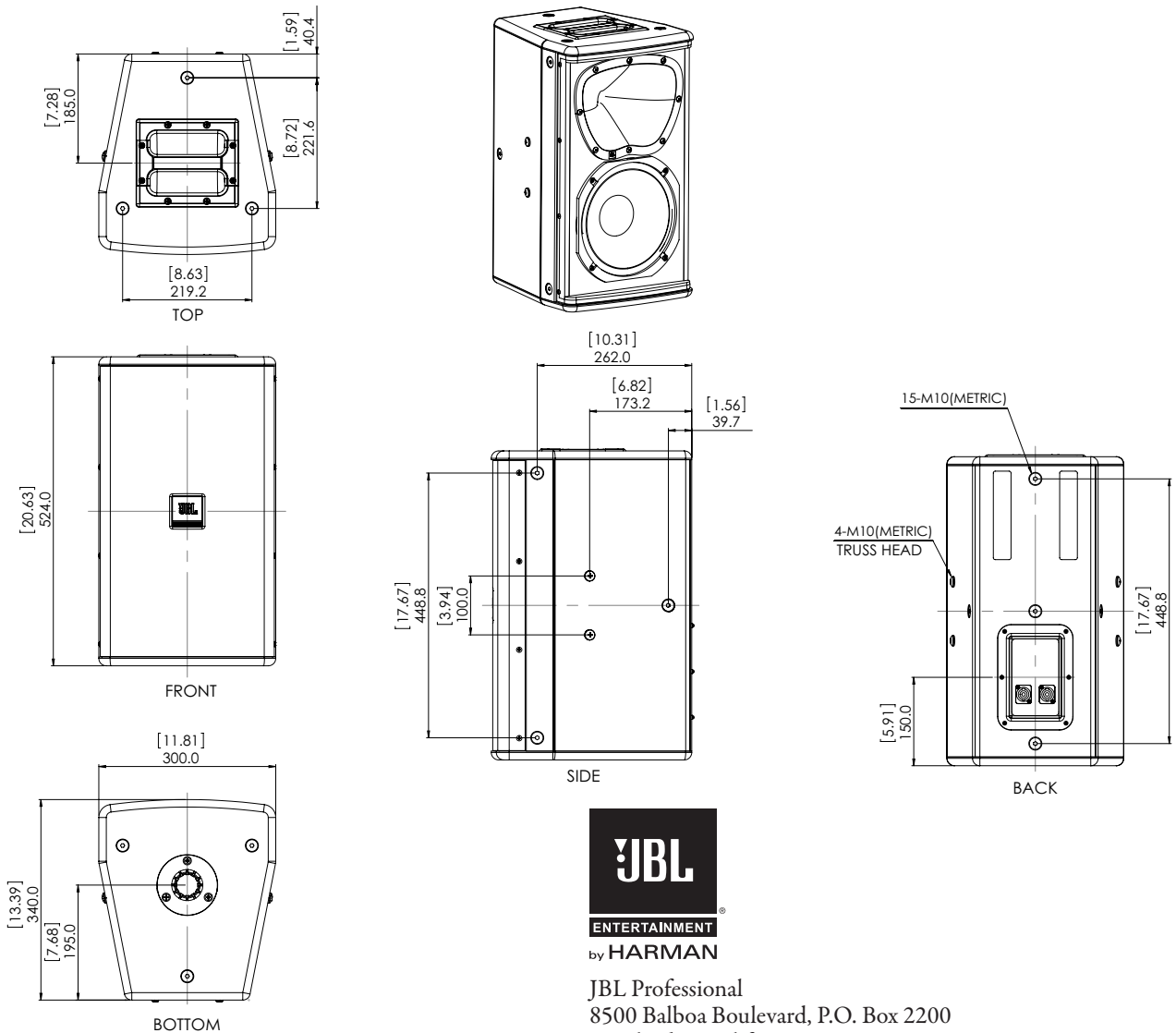


## Beamwidth:



## Dimensions:

Dimensions in mm (inch)



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