



Service Manual

VPX728S

Dual 18” High-Power Subwoofer

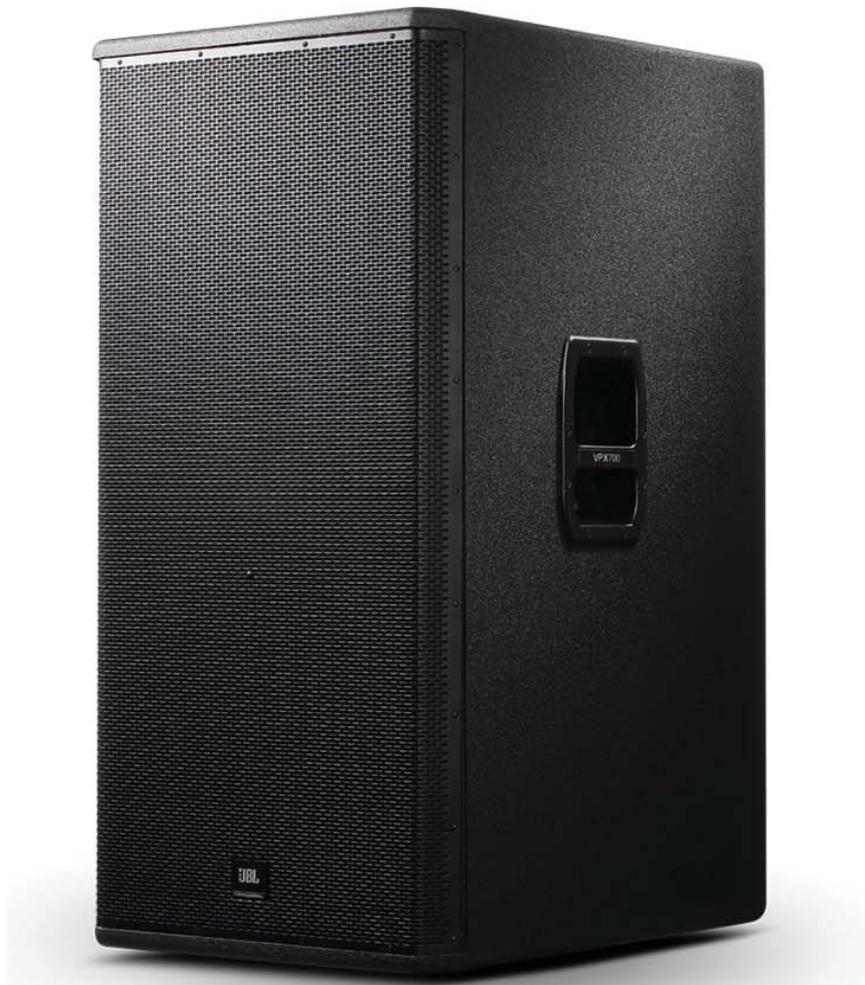




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VPX728S

Dual 18" High-Power Subwoofer

Professional Series

Key Features:

- ▶ Dual 18" JBL 2044H woofer for extended low frequency output
- ▶ Large vent port for reduced distortion
- ▶ Enclosure constructed of premium plywood and finished in black DuraFlex™ coating
- ▶ Heavy-duty 16-gauge protective screen backed steel grille
- ▶ Vertical orientation for convenient ground stacking

Applications:

- ▶ Sound reinforcement for live music and speech or pre-recorded applications
- ▶ For use with full-range satellite speakers

VPX728S is an dual 18" high power subwoofer system designed for live music, speech and pre-recorded applications and for use with full-range satellite speakers.

VPX728S uses two 18" (457mm) JBL 2044H woofers in a front vented enclosure to reproduce low bands with extended frequency response and low distortion, and to stand continuous power up to 1000Watts. When placed in a standing position, a full range speaker can be stacked on its top without the need for an additional pole.

The subwoofer system offers compatibility with a variety of cabling schemes. A pair of Neutrik® Speakon® NL-4 connectors are provided and are shipped with pins +1/-1 connected to the woofer. To meet different cabling requirements, the woofer can also be re-configured to work through pins +2/-2.

VPX728S provides two handles for easy transit and set-up. Its enclosure is made from premium plywood, finished in rugged DuraFlex™ coating and braced to maximize low frequency performance. The CNC-machined 16-gauge steel grille is backed with acoustically transparent fabrics to provide additional driver protection and give a very professional appearance.



Specifications:

| | |
|-----------------------------|--|
| Frequency Range (-10 dB): | 35 Hz - 250 Hz |
| Frequency Response (±3 dB): | 40 Hz - 250 Hz |
| Input Connection Modes: | Internally configurable, +1/-1 or +2/-2 |
| Recommended Crossover: | 80 - 120 Hz, 24 - 48 dB/octave |
| Power Rating: | 1000 W/2000 W/4000 W, 2 hrs ¹ |
| (Continuous/Program/Peak) | 800 W/1600 W/3200 W, 100 hrs ¹ |
| Maximum SPL: | 133 dB continuous (139 dB peak) ² |
| Sensitivity (1w@1m): | 97 dB SPL; 103 dB SPL ² |
| LF Driver: | 2 × 18" (457 mm) JBL 2044H woofer |
| Nominal Impedance: | 4 Ohms |
| Enclosure: | Rectangular, 18 mm, plywood |
| Finish: | Black DuraFlex™ finish |
| Grille: | Powder coated, black, 16-gauge perforated steel with acoustically transparent black screen backing |
| Input Connectors: | 2 × Neutrik® Speakon® NL-4 |
| Dimensions (H × W × D): | 1080 mm × 533 mm × 700 mm (42.5 in × 21.0 in × 27.6 in) |
| Net Weight: | 54.16 Kg (119.4 lbs) |

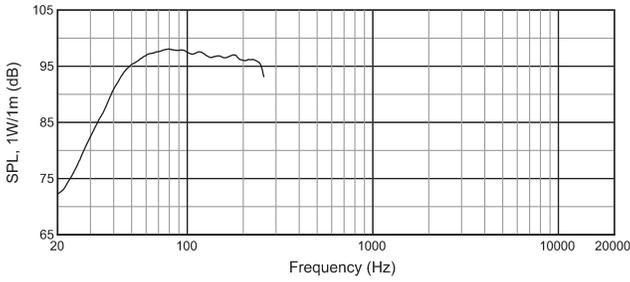
¹ 40 Hz to 400 Hz pink noise with 6 dB crest factor for specified period

² Calculated on half space condition

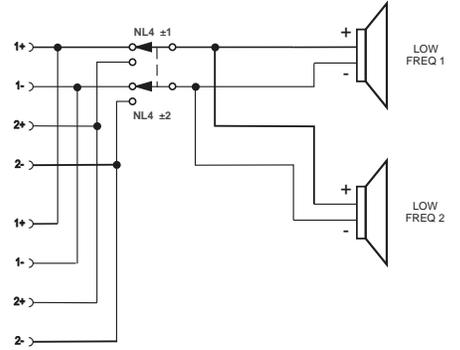
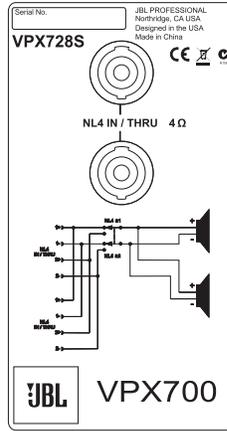
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▶ VPX728S Dual 18" High-Power Subwoofer

Frequency Response:

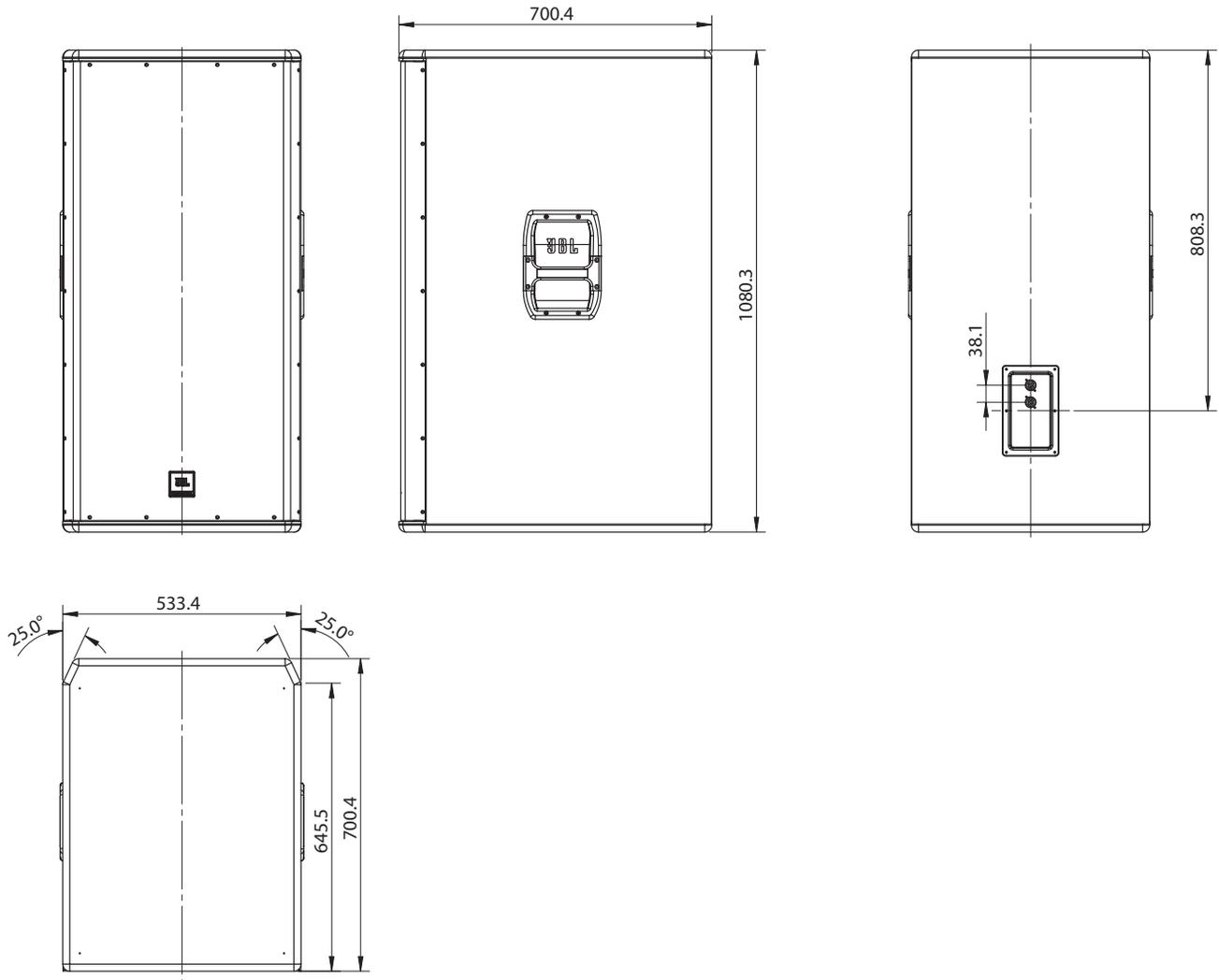


Block Diagram:



Dimensions:

Dimensions in mm



Refer to the corresponding Service Bill of Materials (SBOM) to order parts stocked by Harman.