



Service Manual

VPX718S

12" High-Power Subwoofer





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VPX718S

18" High-Power Subwoofer

Professional Series

Key Features:

- ▶ 18" JBL 2044G 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
- ▶ Top mounted socket for use with satellite speakers
- ▶ Low profile and compact design

Applications:

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

VPX718S is an 18" high power subwoofer system designed for live music, speech and pre-recorded applications and for use with full-range satellite speakers.

VPX718S uses an 18" (457mm) JBL 2044G woofer in a front vented enclosure to reproduce low bands with extended frequency response and low distortion, and to stand continuous power up to 500Watts.

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.

VPX718S is equipped with a 35 mm socket for installation of a full range satellite speaker weighting up to 50 kg (110 lbs). Two handles are provided for easy transit and set-up of the subwoofer. 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:

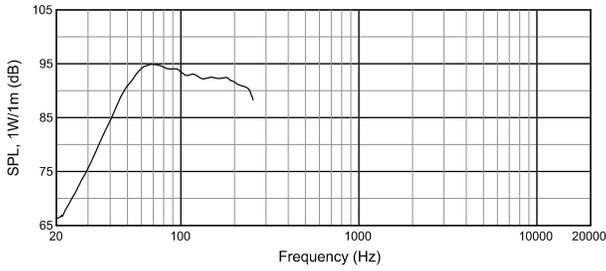
Frequency Range (-10 dB):	40 Hz - 200 Hz
Frequency Response (±3 dB):	45 Hz - 200 Hz
Input Connection Modes:	Internally configurable, +1/-1 or +2/-2
Recommended Crossover:	80 Hz, 24 - 48 dB/octave
Power Rating:	500 W/1000 W/2000 W, 2 hrs ¹
(Continuous/Program/Peak)	400 W/800 W/1600 W, 100 hrs ¹
Maximum SPL:	127 dB continuous (133 dB peak) ²
Sensitivity (1w@1m):	94 dB SPL; 100 dB SPL ²
LF Driver:	1 × 18" (457 mm) JBL 2044G woofer
Nominal Impedance:	4 Ohms
Mounting:	Top mounted 35 mm socket for optional SS3-BK pole
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):	548 mm × 533 mm × 700 mm (21.6 in × 21.0 in × 27.6 in)
Net Weight:	30.96 Kg (68.26 lbs)
Optional Accessories:	SS3-BK: Satellite speaker pole

¹ 40 Hz to 400 Hz pink noise with 6 dB crest factor for specified period
² Calculated on half space condition

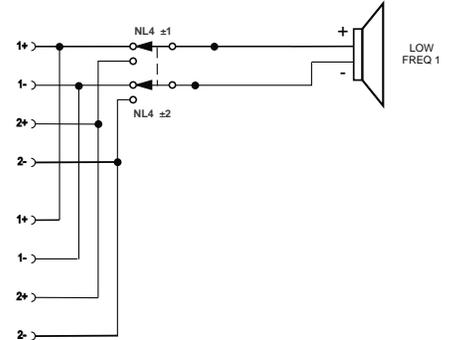
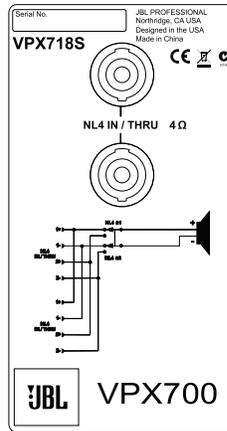
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▶ VPX718S 18" High-Power Subwoofer

Frequency Response:

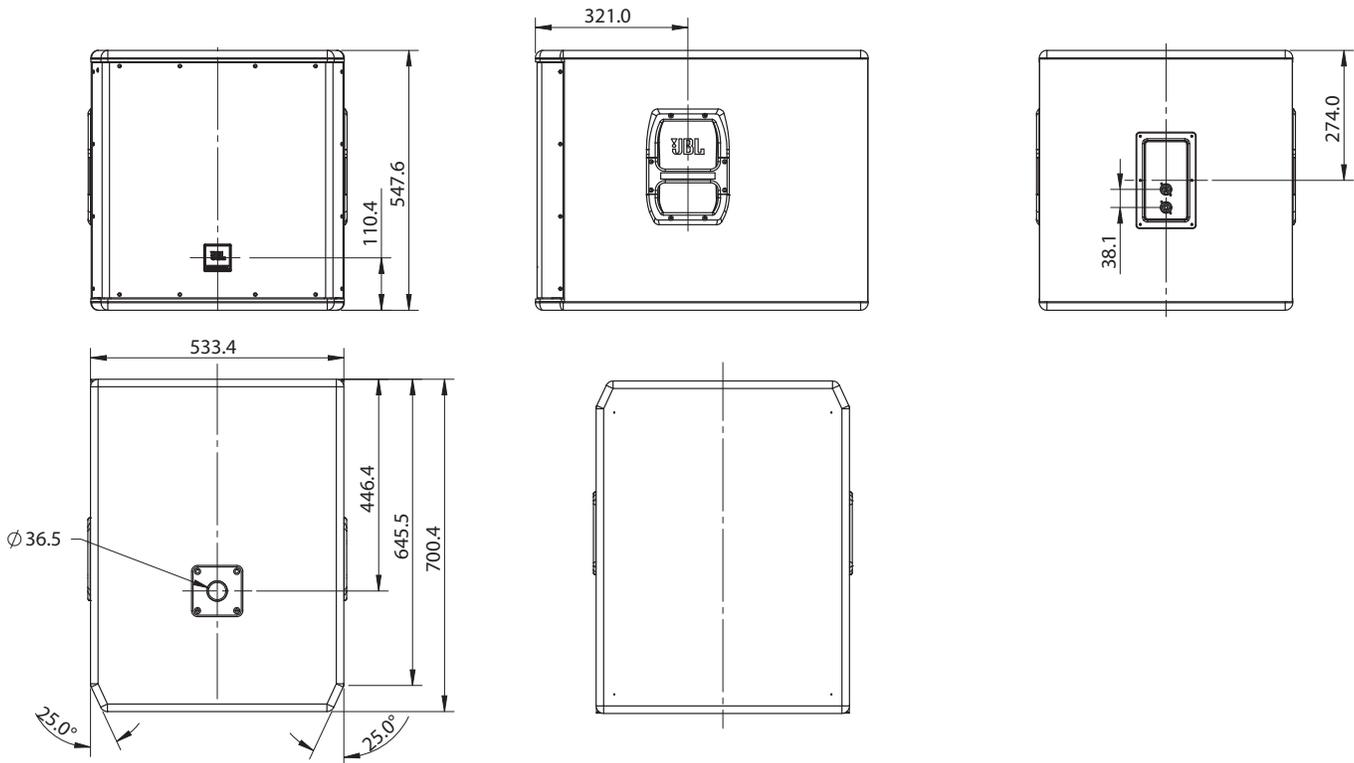


Block Diagram:



Dimensions:

Dimensions in mm



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