



ENGINEERED BY



PERFORMING MUSICIAN Series

PMS-15

Single 15", High Power,
Sub-Woofer

Description :

The PMS-15 Unit is a compact Sub-Woofer, specifically developed to reproduce the lower end of the frequencies spectrum with very high quality reproduction. Its main purpose is sound reinforcement in set-ups requiring high SPL down to extreme levels with absolute fidelity. Typical applications include small to medium live concerts and all types of multi-media events.

It is mounted as a single Bass-Reflex system with a 15"transducer in a front loaded configuration. A powerful bass response is thus attained in this small foot-print cabinet.

For its correct performance, it is necessary to use it with a 24 dB/Oct. Sub-sonic filter, as recommended in the Specifications.



Main Characteristics:

- Bass Reflex design.
- Advanced Technology transducers including optimized cooling and all-weather cones.
- Precision cabinet construction to achieve light and high resistance cabinets.
- Wear-proof, bi-component exterior finish offering ultra-high anti-scratch protection.
- Robust, 15mm thick Baltic cross-ply construction, avoiding effectively parasitic resonances common to other materials.
- Rubber stoppers on the base for a secure, vibration-free floor standing.

All these characteristics contribute to obtain the advantages and performance of a true Sub-Woofer. Its benefits are positively noticeable in P.A. set-ups as well as in fixed installations. The PMS-15 enclosure enhances the whole system with an extra low-energy input that is so important in today's music material, whatever the style.

The PMS-15 is a rugged enclosure, which mounts a high power 15" transducer. With these advanced components the cabinet renders an astounding effectivity hard to match by any other cabinet of its class and size.

The cabinet is equipped with a protection front steel grille, coated with outdoor resistant compounds. It is fitted with heavy-duty skids permitting stacking in total security.

Integrated, side handles are provided for ease of operation.

The recommended applications include:

- Auditoria
- Stadia
- Concert Halls
- Convention Centres
- Theatres

Specifications and characteristics

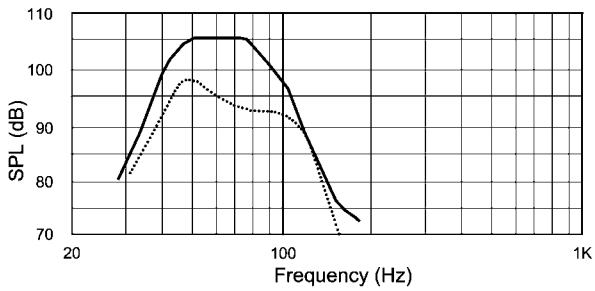
Frequency Response (Hz)	± 3 dB	42 Hz - 86 Hz
Frequency range (Hz)	±10 dB	34 Hz - 104 Hz
Sensitivity (dB/2,83V@1m)	98 db	
SPL Max / Peak (dB SPL@1m)	135 dB	
Recommended signal processor	RAM Audio LMS 221 Digital Processor	
Recommended crossover	L-R 24dB/oct - 80 Hz	
Input power rating	700W AES 1400W Program 2800W Peak	
Recommended power amp	600W - 1100W RMS 8 Ohm amplifier	

Constructive elements

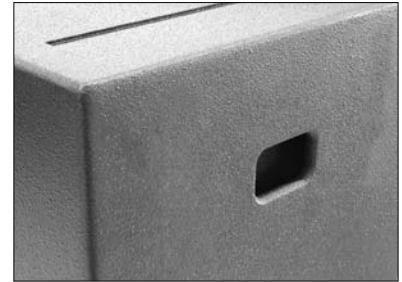
Transducers	1 x 15" transducers with 4" coil 700W AES
Enclosure	Horizontal parallelepiped construction 15mm Baltic cross ply, tongue and groove assembly throughout. 35mm front panel and outer frame. Bi-component epoxy finish
Protection grill	1.5mm laminated steel with textured epoxy finish
Enclosure protections	Skids on all resting surfaces
Handles	Cut in the enclosure for ease of handling
Connectors	Two Neutrik NL8 connectors on steel back plate
Dimensions (W x H x D)	520 x 610 x 513 mm (20.5 x 24 x 20.2 inches)
Net weight	32.5 Kg (71.6 Pounds)

PMS-15

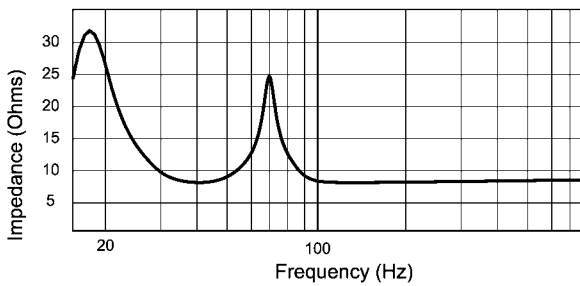
Single 15", High Power, Sub-Woofer



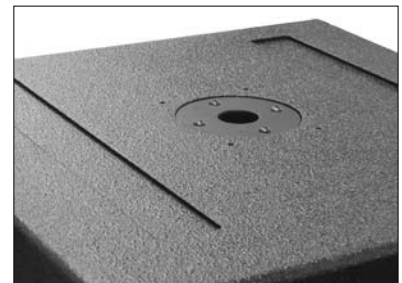
Frequency response (solid line) of a single PMS-15 with RAM Audio LMS-244 Digital processor preset recommended (dashed line)



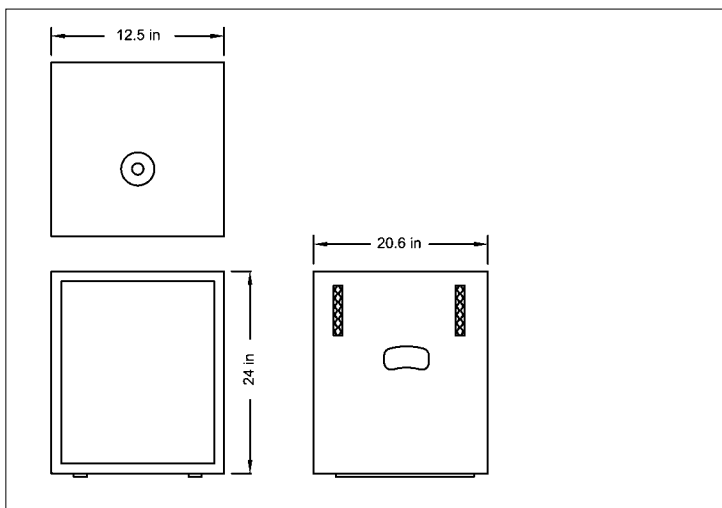
Ergonomic handles are cut out on both sides to offer easy handling.



PMS-15 Impedance



Skid pad lodging strips are provided for ease of stacking. The top panel is equipped with a connecting pole receptacle for mid/high units installation



DIMENSIONS: 520mm(W) x 513mm(D) x 610mm(H)



BACK VIEW

