

SUBWOOFER SYSTEM

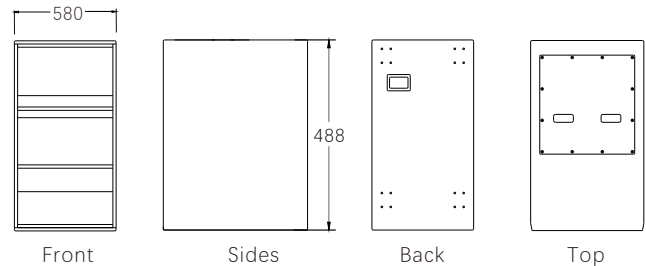
For Fixed installation & Touring



PF 18S Folded-horn subwoofer



Overall dimensions



Features

The PF18S is a folded horn subwoofer which has been specifically designed to reproduce very deep bass frequencies with maximum efficiency, speed and impact and offering low frequencies reinforcement for medium to high power systems. It uses one 18 inch(101.4mm voice coil)long excursion cone driver loaded in an optimally-sized tuned vented enclosure.

The PF18S Power handling capacity shall be 800W AES long term (1600W Peak) at a nominal impedance of 8 ohms. Usable frequency response shall be 35 to 250 Hz (± 3 dB) referenced to the average level of the usable response.

The cabinet constructed from 18mm birch plywood, fitted with two flush recessed handles on the sides. The cabinet is finished in excellent black impact resistant textured paint and the front of the cabinet shall be protected by a rigid metal grill inside covered with replaceable acoustically transparent 0.5mm thickness silk.

Applications

The PF18S provides a very dynamic and punchy sound reproduction for the sound effects that are commonly found in electronic music where the whole dynamic capacity of systems is used. This subwoofer offers full flexibility for low frequency reinforcement of a&a speakers and Line Array systems.

The PF18S is also intended to be used with a&a LA and AH series loudspeakers such as AH15R2, LA210 and LA110 line array enclosures in the most demanding touring situations where extreme levels of bass are required. It is also ideal for reproducing the concentrated bass energy of contemporary dance music in club environments.

Technical specifications

Frequency response@ ± 3 dB	35 Hz~250 Hz
Sensitivity@1w/1m	103 dB/SPL
Maximum SPL@1m f >90Hz, AES/Peak	132 dB @ AES / 138 dB @ Peak /SPL
Nominal impedance	8 ohms
Power rated	800W @ AES / 1600W @ Peak
Components	1 x 18-inch cone driver (4" voice coil)
Finish	Black, other colours on request
Cabinet	18mm birch plywood with internal reinforcement, finished in impact resistant textured paint
Connectors	2 x Neutrik Speakon NL4MP
Rigging	stacked on ground
Dimensions (H x W x D)	1068 x 572 x 960 mm
Weight	Unit net weight: 85 kg Unit gross weight: 90 kg

»Sensitivity is the average SPL measured over the components rated bandwidth.

»Power rating displays the long term AES power handling capacity using pink noise with a 6 dB crest factor over the components rated bandwidth.

» The SPEAKON connectors are wired, hot pin 1+, cold pin 1-.