

VIETA

Fa 218BP



Fa-218BP

■ Triple chamber subwoofer

The Fa-218S is a triple chamber subwoofer with two 18" drivers and exponential horn in the outputs. Specially designed to get high pressures (139 dB SPL).

This model is indicated to be used with Fa-15 and Fa-10 + Fa-115.

This acoustic enclosure uses a new range of 12" speakers with ISV technology (interleaved sandwich voice-coil). This technology admits high pressure levels, thermic stability and durability. The system has also a Double Silicon Spider (DSS) to improve the control over the diaphragm and its linearity. Those technologies allow us to dispel the high power that could be applied to the speaker.

Made in multilayer birch plywood panelling and black vitrodur painted finish with six handles and 2 mm perforated zinc coated steel black finished. It includes also two speakon connectors NL4 (one driver is connected in position +1/-1 and the other one in +2/-2) and two bakelite rollers in the bottom to avoid damages when it is dragged. On the top there are two scores of the same dimensions to make easier to stack it with another enclosure.

Specifications

(1)	Frequency Response (± 3 dB)	47 Hz - 200 Hz
(2)	Frequency Range (-10 dB)	33 Hz - 270 Hz
	Recommended High Pass Filter	35 Hz 24 dB / octave Butt or Linkey
(3)	Nominal Beamwidth (-6 dB)	N/C
	Crossover Mode	Active
	Crossover Frequency	
	Nominal Impedance	4 ohms
	Minimum Impedance	3,539 ohms @ 174 Hz
(4)	Axial Sensitivity	SPL 105 dB (1W @ 1m)
	Power Rating (Continuous, Program, Peak)	1400 W / 2800 W / 6000 W
(5)	Calculated Axial Output Limit	Average 139 dB / Peak 146 dB
	Components	2 x 18" Driver
	Voice Coil Diameter	Driver 100 mm
	Enclosure	Birch plywood
	Rigging Points	
	Finish	Black textured
	Grill	1,5 mm Perforated steel, Black finish
	Connectors	Neutrik Speakon NL-4 x 2
	Dimensions (H x W x D)	590 x 1180 x 750 mm
	Net Weight	60 Kg

Measuring conditions

(1) Frequency response

This is the measured SPL as a function of frequency, from 20 Hz to 24 kHz, referenced to a distance of 1m and to a Nominal 1 W input. Environment: Anechoic

(2) Operating range

The Operating Range is intended to define the useful range of frequencies over which the loudspeaker can be used to reproduce quality sound. Industry experience has shown that if the output level at the frequency extremes of a loudspeaker is within 10 db of the flat or linear portion of the frequency response, it can be audibly significant and useful for reproduction.

(3) Nominal Beamwidth

This is calculated included angle between the measured first -6 dB SPL points on each side of the loudspeaker axis, from front to rear, relative to highest SPL point for each frequency band from 100 Hz to 20 kHz, in the horizontal and vertical planes, referenced to a distance of 3 m. Environment :Anechoic.

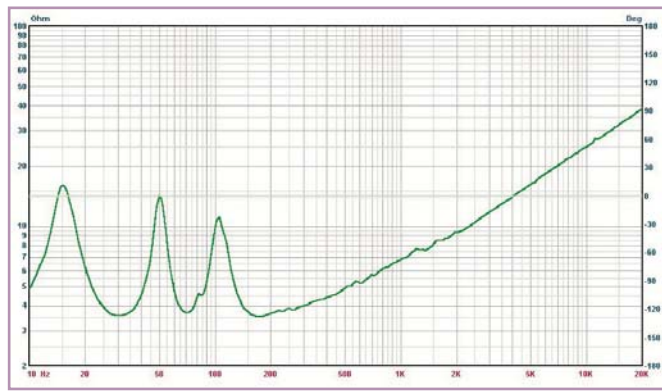
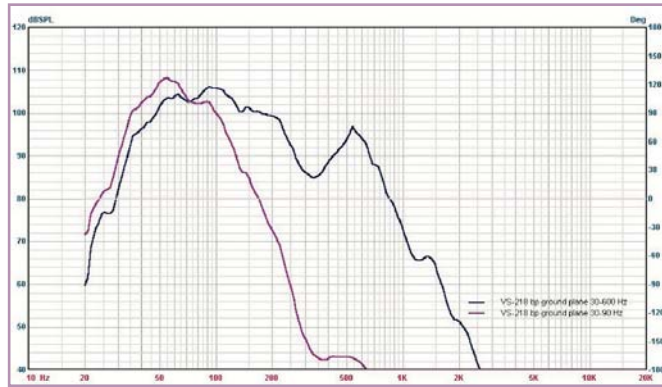
(4) Axial sensitivity

Standard audio industry measurement practice is to specify sensitivity as the SPL produced at 1m with an input level of 1 W.
Environment: Anechoic for all. ½ space for subwoofers & stage monitors

(5) Calculated Axial Output Limit

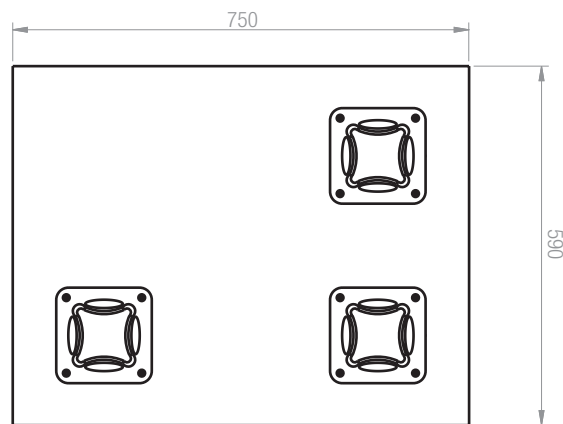
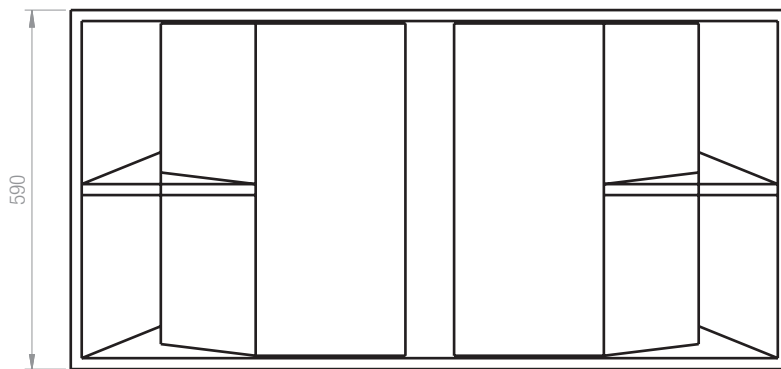
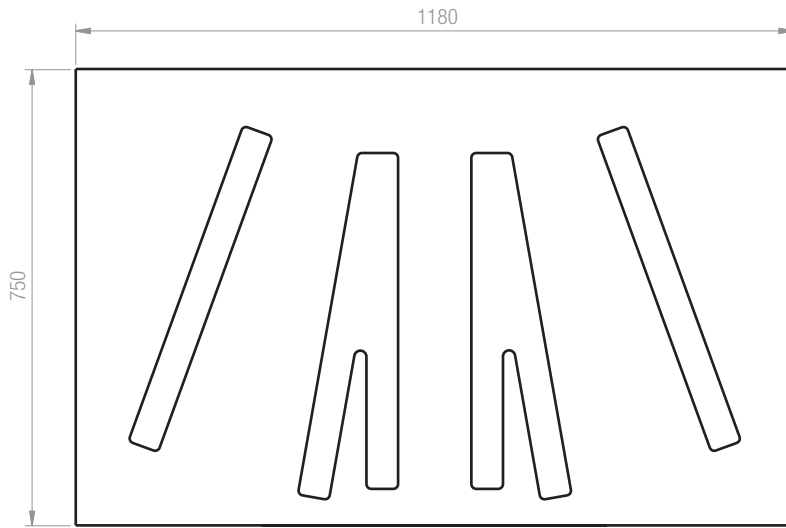
This is called "Output Limit" because it is calculated as the theoretical SPL produced at the limit program power rating.
Calculate Average SPL limit: (10 log. W program + axial sensitivity)
Calculate Peak SPL limit: (average SPL limit + 6 dB)

■ Tables



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■ Dimensions in mm



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