

Processed Active Subwoofer



MAIN APPLICATIONS

Permanent installations in:

- Touring sound reinforcement.
- Theatres, Stadiums, Concert halls, Arenas.....
- Ideal for both live applications assisted by one or both subs of the HORIZON VHA range.

MAIN FEATURES

- Self powered bass-reflex cabinet
- Class D 2500W amplifier
- 1 x 18" woofer with 4" coil
- Easy transport by 6 handles and predisposition for 4 wheels
- Cabinet in 0,70" birch plywood with anti-scratch varnish
- Wide range of accessory
- Completely manufactured in Italy

DESCRIPTION

Delivering optimal audience coverage with the ability to adapt to the requirements of the project at hand, FBT HORIZON VHA 118.2SA represents a step forward in flexible sound reinforcement technology with exceptional sound quality, crafted in Italy with the no-compromises manufacturing excellence for which FBT is known.

FBT HORIZON VHA 118.2SA is a direct radiation ground subwoofer with 1 x 18" long excursion woofer and 4" coil; the built-in amplifier is capable of 2500W. The bass reflex cabinet offers substantial energy up to 30Hz and is ideal for extending and reinforcing the low frequencies of the HORIZON VHA system line array in ground-stack configuration.

It has presets to create various configurations with cardioid directivity, where some subwoofers face rearwards from the audience to acoustically cancel the sound pressure behind the cluster.

The enclosure, optimized with BEM type acoustic simulations to reduce resonance and turbulence of the ducts, is built in 0,70" (18 mm) birch plywood with black polyurea finish, has six aluminum handles, predisposition for 4 wheels, two M20 stand sockets for horizontal or vertical use and 4 support points set up to accommodate accessories in ground-stack configuration in conjunction with VHA 406 and VHA 112 series.

The front of the speaker is covered with a powder coated perforated steel grille.

TECHNICAL SPECIFICATIONS

GENERAL

Configuration	way	Active bass-reflex subwoofer
Low frequency woofer	inch	1 x 18 / 4 coil

ACOUSTICAL SPEC.

Frequency response	(@ -6dB)	30Hz - preset dependent
SPL max. (cont / peak)	dB	137 / 143 half space
Dispersion	H x V	Omnidirectional

AMPLIFIER

Built in amplifier	W	2500
Built in amplifier peak	W	5000
Input impedance	kOhm	22

INPUTS / OUTPUTS

Power supply connectors		PowerCon IN/OUT
Input connectors		1 x Male + 1 x Female XLR IN-LINK

POWER SUPPLY SPEC.

AC power consumption	W	650
Power cord	ft	16,4

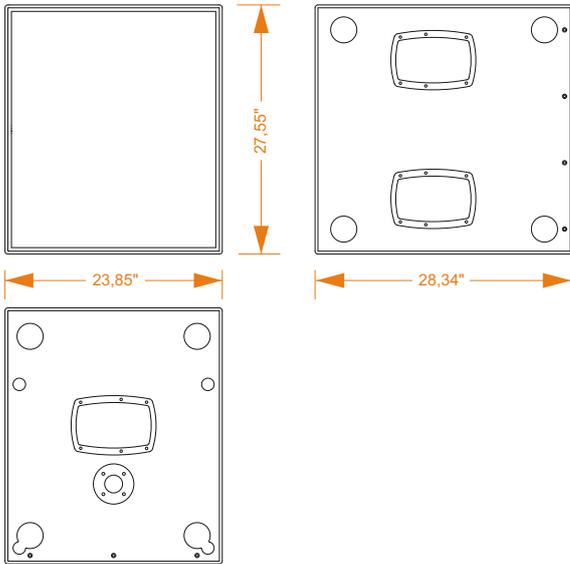
MECHANICAL SPEC.

Material		0,70" birch plywood black finish
Handles		6
Net size (WxHxD)	inch	23,85 x 27,55 x 28,34
Transport dimensions (WxHxD)	inch	29,33x30,19x25 (with pallet)
Net weight	Lbs	143
Shipping weight	Lbs	165 (with pallet)

CONNECTION PANEL



DIMENSIONAL DRAWING

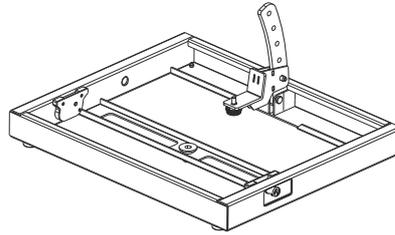


ONLY FOR GROUND STACK CONFIGURATION

ACCESSORIES

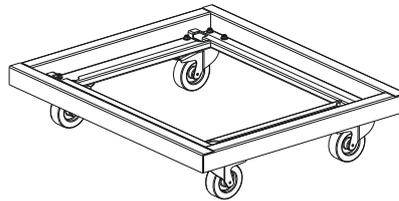
VHA-B406 METAL BASE FOR ARRAY GROUND CONFIGURATION OR ABOVE SUBWOOFER

- Manufacture: Steel
- Safety factor: 2 modules on the ground / 3 modules above subwoofer
- Dimensions: 23,85" x 2,87" x 19,76"
606 x 73 x 502 mm
- Weight: 22,70 lb / 10,3kg



VHA-T118 TROLLEY FOR TRANSPORT

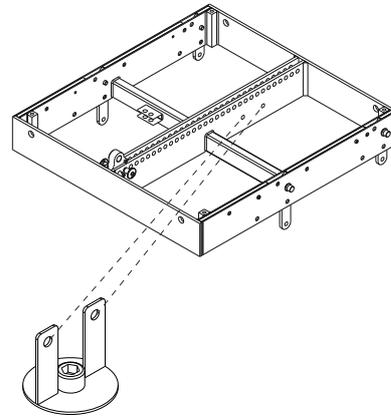
- Manufacture: Steel
- Safety factor: Max. 2 modules subwoofer
- Dimensions: 31,69" x 7,12" x 27,16"
805 x 181 x 690 mm



MS-F210 FIXING SUBWOOFER

- Manufacture: Steel
- Safety factor: Max. 6 modules
- Dimensions: 27" x 3,93" x 25,66"
686 x 100 x 652

Accessory for ground stack
configuration using FBT MUSE
210SND / SN system.



- ### MS-J210 METAL JOINT
- Manufacture: Steel

- ### KB W100 4S WHEELS
- Ø 4" / 100mm



- ### VHA-C118S NYLON COVER WITHOUT WHEELS

- ### VHA-CH118S NYLON COVER WITH WHEELS