

Active Vertical Horizontal Line Array Subwoofer

MAIN APPLICATIONS

Permanent installations in:

- Touring sound reinforcement
- Theatres, Stadiums, Concert halls, Arenas ...
- Ideal for reinforcing and extending the low range of the HORIZON VHA system

MAIN FEATURES

- Self powered bass-reflex LF cabinet
- 1200W RMS Class D amplifier
- DSP processor with 8 presets
- Cabinet in 0,47" birch plywood with anti-scratch varnish
- Rubber-coated sides
- Possibility of vertical and horizontal installation through dedicated flybars
- Accessories for suspension, pole-mounting, ground-stacking
- Completely Manufactured in Italy

DESCRIPTION

The FBT HORIZON VHA 112SA speaker is a self-powered line array LF extension module. The FBT HORIZON VHA 112SA is suitable for high-power extended bass response applications with the VHA 406A cabinet in arenas, theatres, stadiums, concert halls, houses of worship, and more. It features a 12" high-excursion custom B&C woofer with a 3" voice coil. The Class D amplifier module is constructed in die-cast aluminum with natural convection to deliver 1200W RMS. The FBT HORIZON VHA 112SA offers the possibility to choose between 8 pre-defined algorithms. The control and connection panel includes: Neutrik PowerCon connector for power supply with input and output, XLR input and link connectors, level control, preset selector, delay, "Low Extension" switch, and two status LEDs. The cabinet is made of 0.47" birch plywood with anti-scratch varnish and is equipped with two handles, rubber inserts, and integrated mechanics to join the speakers and angle them from 5° to 20° in 5° steps. The FBT HORIZON VHA 112SA shares the same dimensions and suspension mechanics as the VHA 406A model, allowing configurations in vertical/horizontal arrays or ground stacks in combination with the VSA 118SA subwoofer, offering the same performance as a 3-way system. The front of the loudspeaker is covered with a powder-coated perforated steel grille. A rain cover is available to protect the electronic parts from rain.

TECHNICAL SPECIFICATIONS

GENERAL

Code		41791
Configuration	way	Bass-reflex
Low frequency woofer	inch	12 - 3 coil
High frequency driver	inch	---

ACOUSTIC SPECIFICATIONS

Frequency response (@-6dB)	Hz	50 - Preset dependant
Sensitivity (@1W/1m)	dB	---
MAX SPL (cont/peak)	dB	131.5/135 half-space
Dispersion	H° x V°	Omnidirectional
Crossover frequency		Preset dependant

INPUTS & OUTPUTS

Input connectors		1 x Male 1 x Female XLR IN/LINK
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POWER SUPPLY

Power cord	mt	5
	ft	16.4

AMPLIFIER

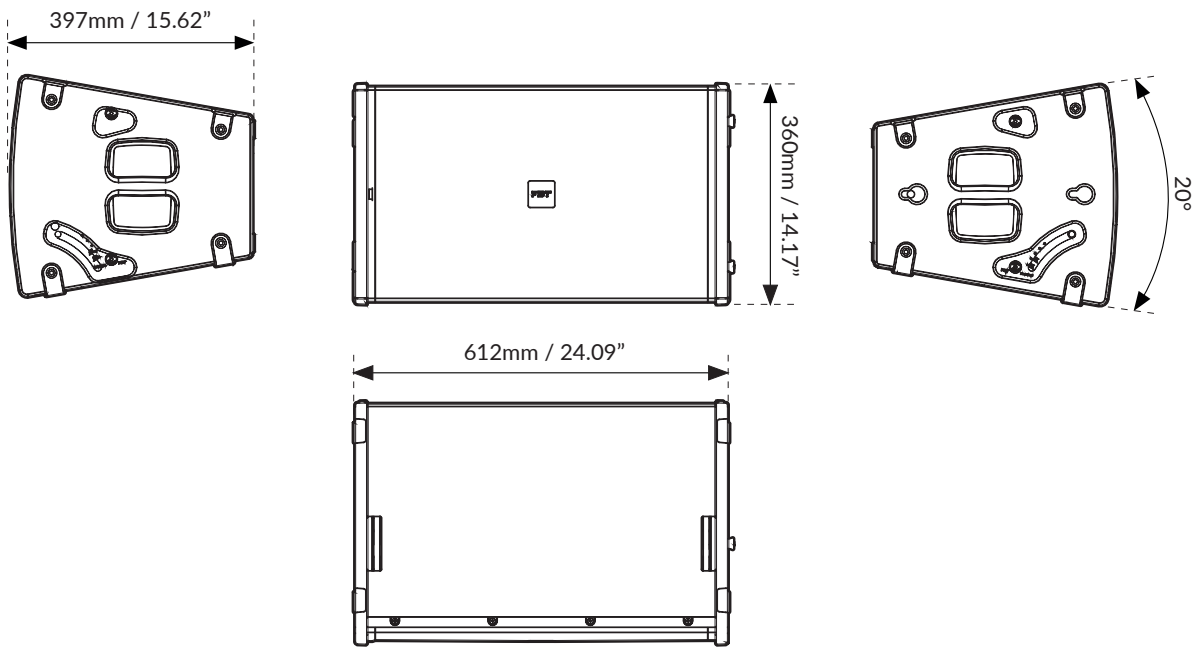
Built-in amplifier	W RMS	1200
Built-in amplifier peak	W	2400
Input impedance	Ohm	22k

MECHANICAL SPECIFICATIONS

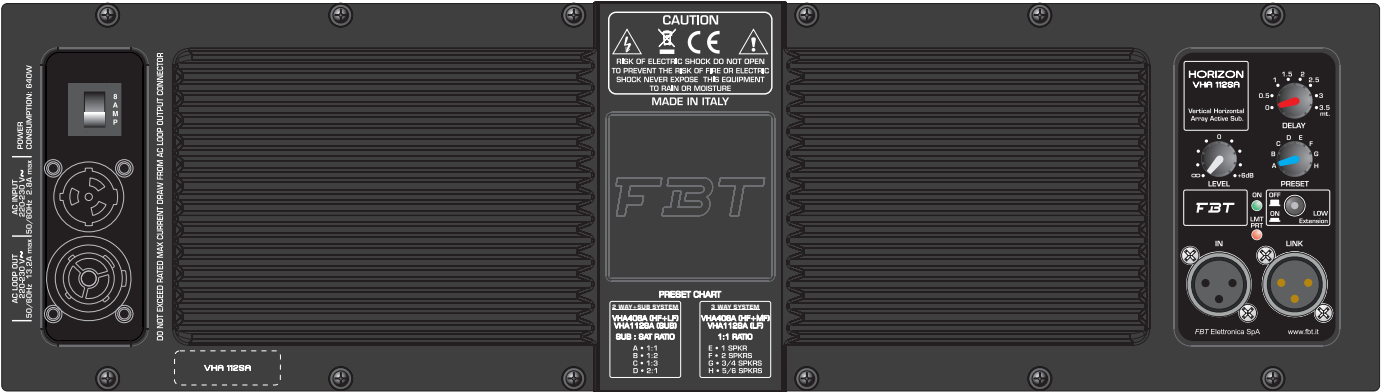
Material	Cabinet	0.47" Birch plywood
	Grille	Steel
Net dimensions (WxHxD)	mm	612 x 360 x 397
	inch	24.09 x 14.17 x 15.62
Transport dimensions (WxHxD)	mm	520 x 725 x 415
	inch	20.47 x 28.54 x 16.33
Net weight	kg	23.8
	lb	52.47
Transport weight	kg	25.8
	lb	56.87



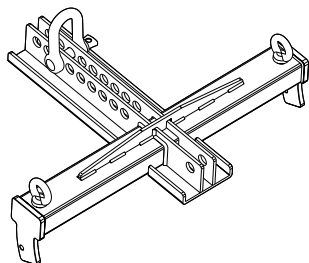
DIMENSIONAL DRAWING



CONTROL PANEL



ACCESSORIES

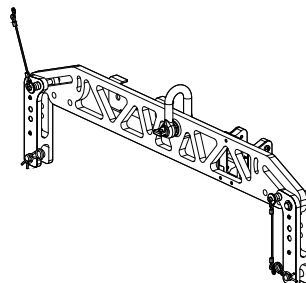


VHA-F 406

Flying Bar

Code: 41779

544 x 112 x 400mm
21.41 x 4.4 x 15.74inch
8 kg / 17.63 lb

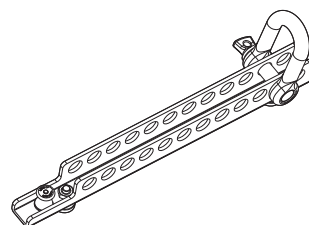


VHA-2F 406

Vertical Flybar

Code: 42989

852 x 303 x 126mm
33.54 x 11.92 x 4.96inch
11 kg / 24.25 lb

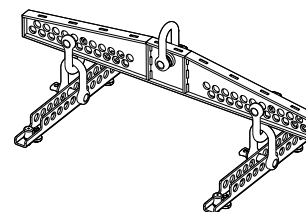


VHA-FH 406-1

Flying Bar

Code: 41780

371 x 127 x 88mm
14.6 x 5 x 3.46inch
1.50 kg / 3.30 lb

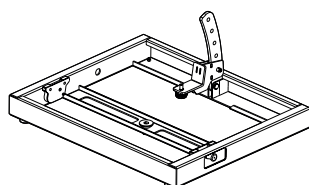


VHA-FH 406-5

Flying Bar

Code: 41781

743 x 160 x 100mm
29.25 x 6.29 x 3.93inch
7.60 kg / 16.75 lb

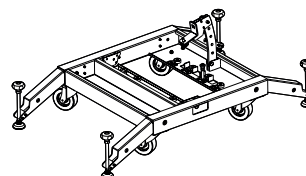


VHA-B 406

Metal Base

Code: 41783

606 x 73 x 502mm
23.85 x 2.87 x 19.76inch
10.30 kg / 22.70 lb

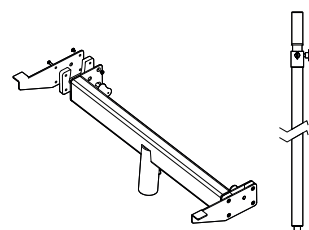


VHA-T 406

Trolley with Stabilizer Feet

Code: 42126

1050 x 203 x 600mm
41.33 x 79.99 x 23.62inch
27 kg / 59.52 lb

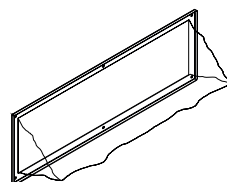


VHA-S 406

Cluster Bracket

Code: 41782

590 x 154 x 180mm
23.22 x 6.06 x 7.08inch
5.50 kg / 12.12 lb



VHA-RC 406

Rain Cover

Code: 42408

558 x 8 x 193mm
21.97 x 0.31 x 7.60inch
4 kg / 8.81 lb