

Passive Vertical Horizontal Line Array Subwoofer

MAIN FEATURES

- Bass-reflex subwoofer
- 12" high-excursion custom B&C woofer with 1.3" voice coil
- Recommended amplifier: 1200W RMS / 8Ohm
- Frequency response (@-6dB): 50 – preset dependant
- MAX SPL: 136dB (half-space)
- 0.47" Birch plywood cabinet with anti-scratch varnish
- 2 x Neutrik NL4M Speakon connectors In & link
- Side suspension hardware with integrated setting pins, inclination between adjacent cabinets from 5° to 20° in 5° steps
- Possibility of vertical/horizontal installation through dedicated flybars
- Wide range of accessories for suspension, pole-mounting or ground-stacking
- Same cabinet dimension of HORIZON VHA 406
- Ideal for reinforcing and extending the low range of the VHA 406 in 2-way + sub or 3-way configurations



DESCRIPTION

The HORIZON VHA 112S, a new passive vertical/horizontal bass-reflex line array subwoofer from FBT, features a 12" high-excursion custom B&C woofer with a 3" voice coil and a recommended amplifier power of 1200W RMS / 4 Ohms, capable of achieving 136dB SPL in half-space. The VHA 112S cabinet offers a frequency response down to 50Hz and is ideal for reinforcing and extending low frequencies in combination with the VHA 406. There is no internal crossover. Using external DSP with FBT presets in mandatory and allows for creating various configurations. The construction of the HORIZON VHA 112S meets professional standards, featuring 0.47" birch plywood with anti-scratch varnish. It is equipped with two handles with rubber inserts and integrated mechanics, compatible with VHA 406 to be use in the same cluster, to join the speakers and angle them from 5° to 20° in 5° steps. The rear-facing input panel provides two Neutrik NL4M Speakon connectors In & link and the front of the cabinet is covered with a powder-coated perforated steel grille. Additionally, the HORIZON VHA 112S boasts integrated quick-release anchor points that facilitate the creation of horizontal and vertical arrays using the dedicated flybar. It provides a wide range of accessories for suspension, pole-mounting, or ground-stacking.

TECHNICAL SPECIFICATIONS

GENERAL

Code		45260
Configuration	way	1 - 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	132 / 136 half-space
Dispersion	H° x V°	Omnidirectional
Recommended HP filter	Hz - dB oct	45 - 24
Recommended Ext. filter		Authorized FBT preset for digital processor or processed amplifier

INPUTS & OUTPUTS

Input connectors		2 x Speakon NL4M In & link
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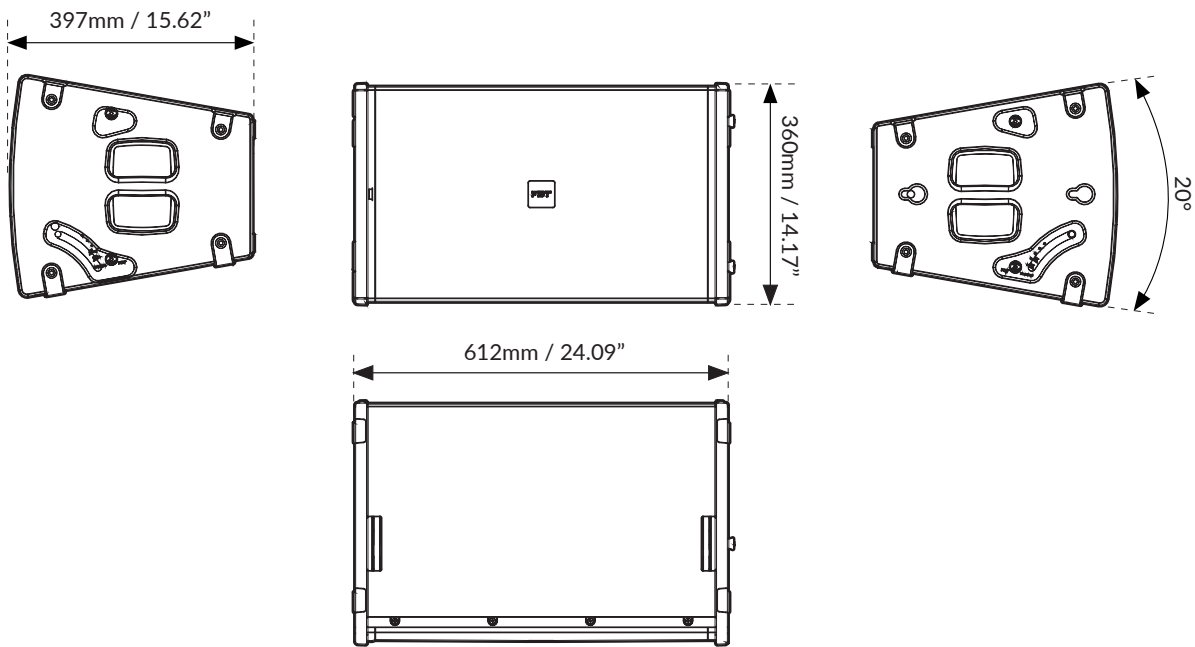
AMPLIFIER

Recommended amplifier	W RMS	1200
Long term power	W	400
Short term power (IEC 268-5)	W	2400
Nominal impedance	Ohm	8

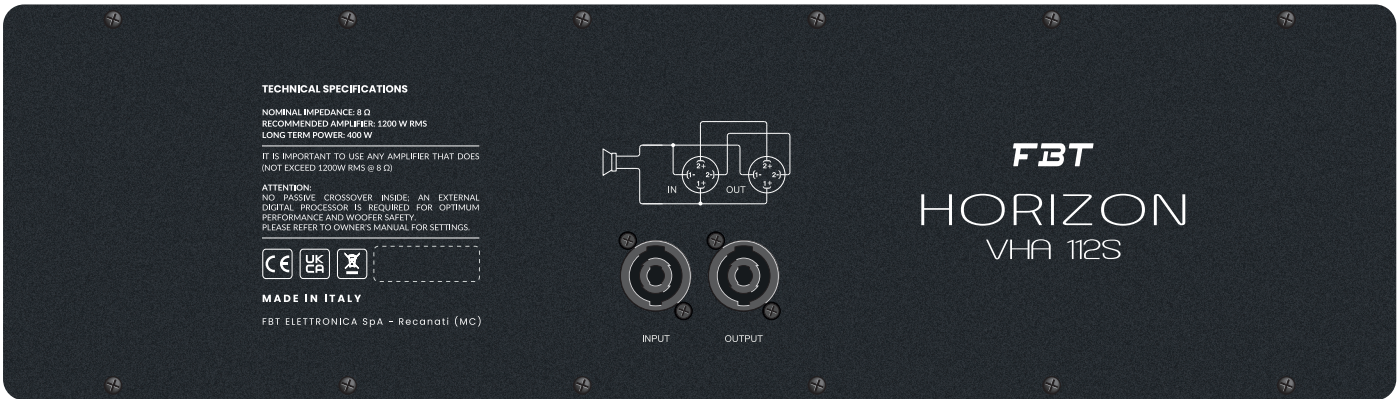
MECHANICAL SPECIFICATIONS

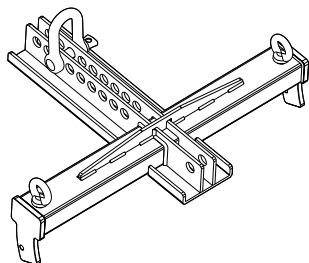
Material	Cabinet	0.47" Birch plywood
	Grille	Steel
Net dimensions (WxHxD)	mm	612 x 360 x 397
	inch	24.09 x 14.17 x 15.62
Transport dimensions (WxHxD)	mm	520 x 725 x 415
	inch	20.47 x 28.54 x 16.33
Net weight	kg	23.8
	lb	52.47
Transport weight	kg	25.8
	lb	56.87

DIMENSIONAL DRAWING

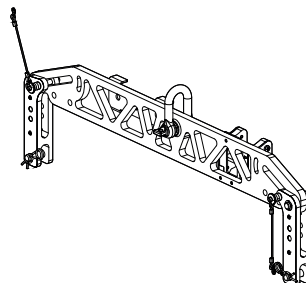


CONTROL PANEL

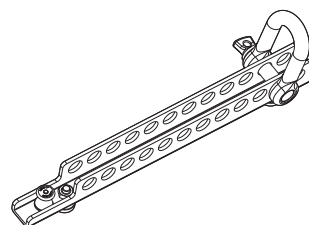


ACCESSORIES

VHA-F 406
Flying Bar
Code: 41779

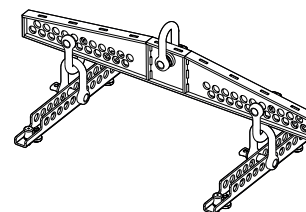
544 x 112 x 400mm
21.41 x 4.4 x 15.74inch
8 kg / 17.63 lb


VHA-2F 406
Vertical Flybar
Code: 42989

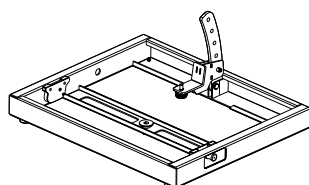
852 x 303 x 126mm
33.54 x 11.92 x 4.96inch
11 kg / 24.25 lb


VHA-FH 406-1
Flying Bar
Code: 41780

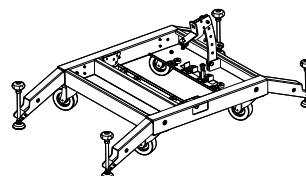
371 x 127 x 88mm
14.6 x 5 x 3.46inch
1.50 kg / 3.30 lb


VHA-FH 406-5
Flying Bar
Code: 41781

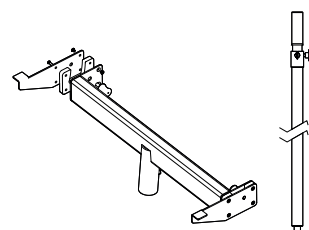
743 x 160 x 100mm
29.25 x 6.29 x 3.93inch
7.60 kg / 16.75 lb


VHA-B 406
Metal Base
Code: 41783

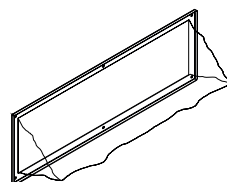
606 x 73 x 502mm
23.85 x 2.87 x 19.76inch
10.30 kg / 22.70 lb


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