

Active Vertical Horizontal Line Array 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 1600W amplifier
- 1 x 12" woofer with 3" coil - neodymium
- Possibility of vertical and horizontal installation
- DANTE audio streaming on board
- Network interface TCP/IP - AES70 compatible
- OLED display and encoder with push
- Ethercon RJ45 input & output
- Cabinet in 0,47" birch plywood with anti-scratch varnish
- Rubber-coated sides
- Wide range of accessories

DESCRIPTION

Delivering optimal audience coverage with the ability to adapt to the requirements of the project at hand, the FBT HORIZON VHA 112SND represents a step forward in flexible sound reinforcement technology with exceptional sound quality, crafted in Italy with the no-compromise manufacturing excellence for which FBT is known. The FBT HORIZON VHA 112SND is a compact, self-powered line array element and is a real plus of the HORIZON system. With the same cabinet and hardware as the HORIZON VHA 406ND, it can be used as a subwoofer in the so-called "2-way + sub" configuration or as the LF in a "3-way" configuration, with the HORIZON VHA 406ND specialized for MF and HF. The FBT HORIZON VHA 112SND features a 12" high excursion custom B&C woofer with a 3" neodymium voice coil. The highlight of the entire project is the 1600W amplification module with a TCP/IP network interface. Based on the OCA ALLIANCE AES70 standard, it communicates with the INFINITO system management suite remote control software and receives 24-bit 48-96kHz digital audio streaming from all devices compatible with the DANTE standard. The module is housed in an aluminum chassis with intelligent forced ventilation and is equipped with an OLED display with an encoder for parameter setting. The cabinet is made of 0.47" birch plywood with two integrated handles and mechanics to join the speakers and angle them from 5° to 20° in 5° steps, offering the possibility to cover the entire audience with few elements. The FBT HORIZON VHA 112SND also boasts integrated quick-release anchor points that facilitate the creation of horizontal and vertical arrays using the dedicated flybar. The system provides a wide range of accessories for suspension, pole-mounting, and ground-stacking. The front of the speaker is covered with a powder-coated perforated steel grille, and a high-brightness blue front LED allows remote identification of the device, even in daylight.

TECHNICAL SPECIFICATIONS

GENERAL		
Code	VHA 112SN	44603
	VHA112SND	44256
Configuration	way	Active bass-reflex
Low frequency woofer	inch	12 - 3 neodymium coil
High frequency driver	inch	---

ACOUSTIC SPECIFICATIONS		
Frequency response (@-6dB)	Hz	50 - present dependant
MAX SPL (cont/peak)	dB	132 / 136 half-space
Dispersion	H° x V°	Omnidirectional

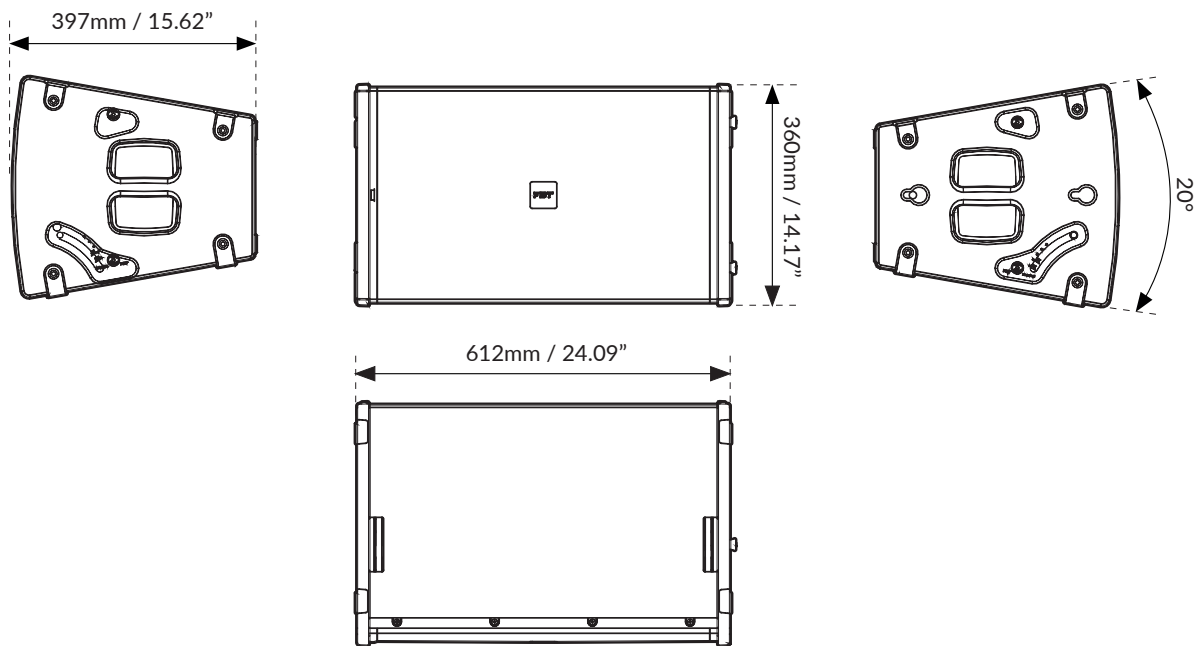
INPUTS & OUTPUTS		
Power supply connectors		PowerCon IN/OUT
Input connectors		1 x Male 1 x Female XLR IN/LINK
Input / Output NET		NET IN/OUT (EtherCon)

POWER SUPPLY		
AC power consumption	W	600
Power cord	mt	5
	ft	16.4

AMPLIFIER		
Built-in amplifier	W	1600
Buit-in amplifier peak	W	3200
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 16.34
Net weight	kg	26.30
	lb	57.98
Transport weight	kg	28.60
	lb	63.05

DIMENSIONAL DRAWING



CONTROL PANEL



1. XLR input
2. XLR link output
3. Port compatible with EtherCON/RJ45 connectors used for Ethernet network input for remote control and monitoring via INFINITO MANAGEMENT SOFTWARE
4. Port compatible with etherCON/RJ45 connectors used for the daisy chain output of the INFINITO SOFTWARE MANAGEMENT remote control and monitoring Ethernet network
5. General digital volume to control the level of signal. Press to enter the DSP menu and turn the knob to identify and select the parameters
6. Displaying of menus and DSP settings

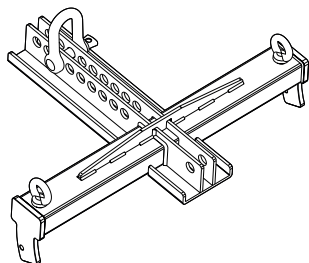
SOFTWARE INFINITO



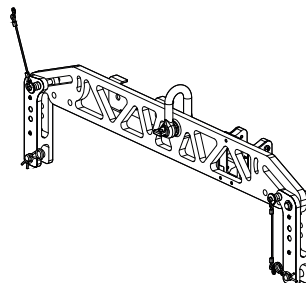
INFINITO is a real revolution in the FBT world that enhance the user experience in a new level of performance and simplicity! It's a Windows software platform totally developed in house by FBT R&D team that offers real time monitoring of the internal sensors and status of connected devices, fast IN/OUT Vu-meters, controls of all the parameters, group management, warnings readout.

More than 100 devices can be connected on the same TCP/IP network with the added convenience of auto IP address assignment.

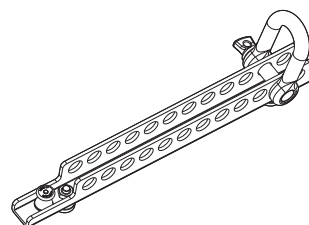
Download it from our website: www.fbt.it

ACCESSORIES

VHA-F 406
Flying Bar
Code: 41779

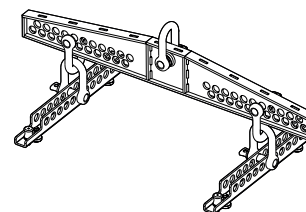
544 x 112 x 400mm
21.41 x 4.4 x 15.74inch
8 kg / 17.63 lb


VHA-2F 406
Vertical Flybar
Code: 42989

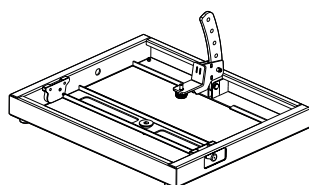
852 x 303 x 126mm
33.54 x 11.92 x 4.96inch
11 kg / 24.25 lb


VHA-FH 406-1
Flying Bar
Code: 41780

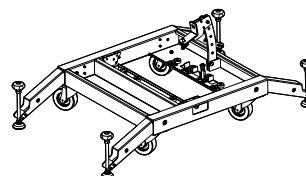
371 x 127 x 88mm
14.6 x 5 x 3.46inch
1.50 kg / 3.30 lb


VHA-FH 406-5
Flying Bar
Code: 41781

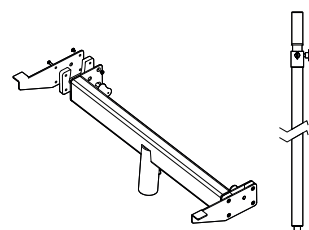
743 x 160 x 100mm
29.25 x 6.29 x 3.93inch
7.60 kg / 16.75 lb


VHA-B 406
Metal Base
Code: 41783

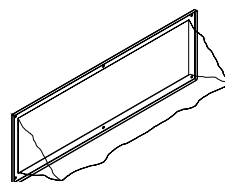
606 x 73 x 502mm
23.85 x 2.87 x 19.76inch
10.30 kg / 22.70 lb


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