



HORIZON VHA 112SA

Vertical Horizontal Array Active Subwoofer

FBT elettronica SpA

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APPLICATIONS

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

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
- Wide range of accessories for suspension, pole-mounting, ground-stacking
- Completely Manufactured in Italy



COLORS AVAILABLE BLACK



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 VHA 406A cabinet in arenas, theatres, stadiums, concert halls, houses of worship, etc. The FBT HORIZON VHA 112SA features a 12" high-excursion custom B&C woofer with 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 controls and connection panel features: Neutrik powercon connector for power supply with input and output, XLR input and link connectors, level control, preset selector, delay, "Low extension" switch, two status led. The cabinet is moulded on 0,47" birch plywood with anti-scratch varnish and is provided 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 has the same dimensions and the same suspension mechanics integrated in the VHA 406A model that allow the realization of configurations in vertical / horizontal array or ground stack in combination with the VSA 118SA subwoofer with the same performances of a 3-way. The front of the loudspeaker is covered with a powder coated perforated steel grille. Available a rain cover that protects the electronic parts from the rain.

PERFORMANCE

| | |
|-----------------------------|--------------------------------------|
| System Type | 1 way bass-reflex subwoofer |
| Built-in Amplifier | max.: 1200W RMS max. peak.: 2400W |
| Frequency Response @ -6dB | 50Hz - preset dependent |
| Input Impedance | 22kOhm |
| Maximum SPL (cont/peak) * | 131,5/135dB half space |
| Dispersion | omnidirectional |
| Crossover Frequency | preset dependant |
| Power consumption | 640 W |
| Nominal power requirement | 220 - 230Vac 50/60Hz |

PHYSICAL

| | |
|-----------------------------|---|
| Low Frequency Woofer | 1 x 12" - 3" coil |
| Input Connectors | 1 male + 1 female XLR IN/LINK |
| Net Dimensions (WxHxD) | 24,1" x 14,2" x 15,6" 612 x 360 x 397mm |
| Shipping Dimensions (WxHxD) | 28,34" x 16,14" x 20,27" 720 x 410 x 515 |
| Net Weight | 57,32 lbs / 26 kg |
| Shipping Weight | 61,72 lbs / 28 kg |
| Enclosure Material | 0,47" birch plywood |
| Power cord | 16,40 ft / 5 mt. |

* CONT SPL: half space, based on power amp rating and LF transducer average sensitivity data, 125mS time average
PEAK SPL: half space, based on peak power amp rating and system peak sensitivity, 10mS time average



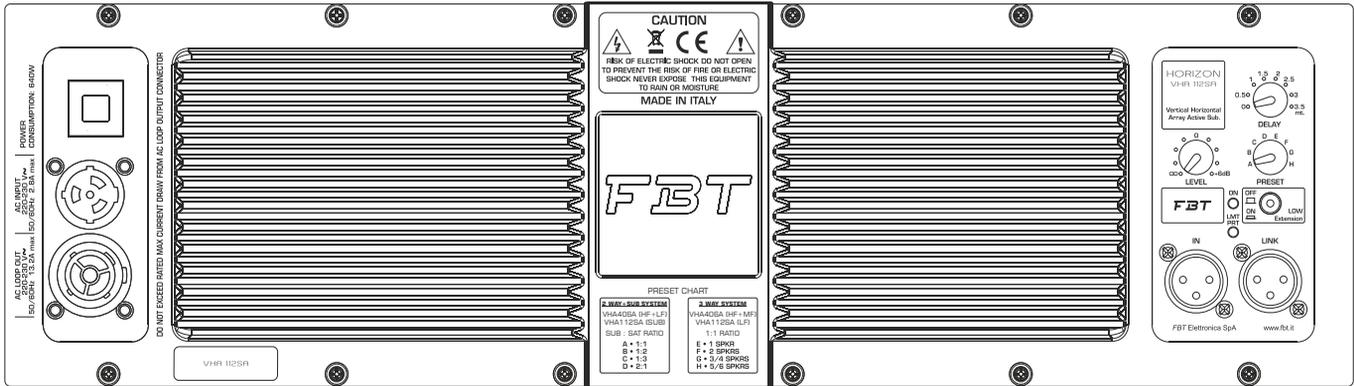
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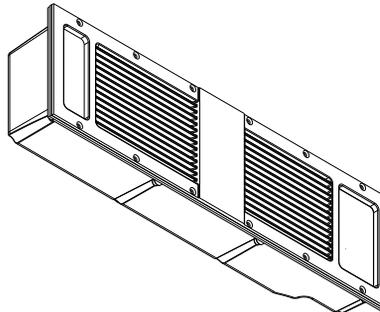
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CONNECTION PANEL

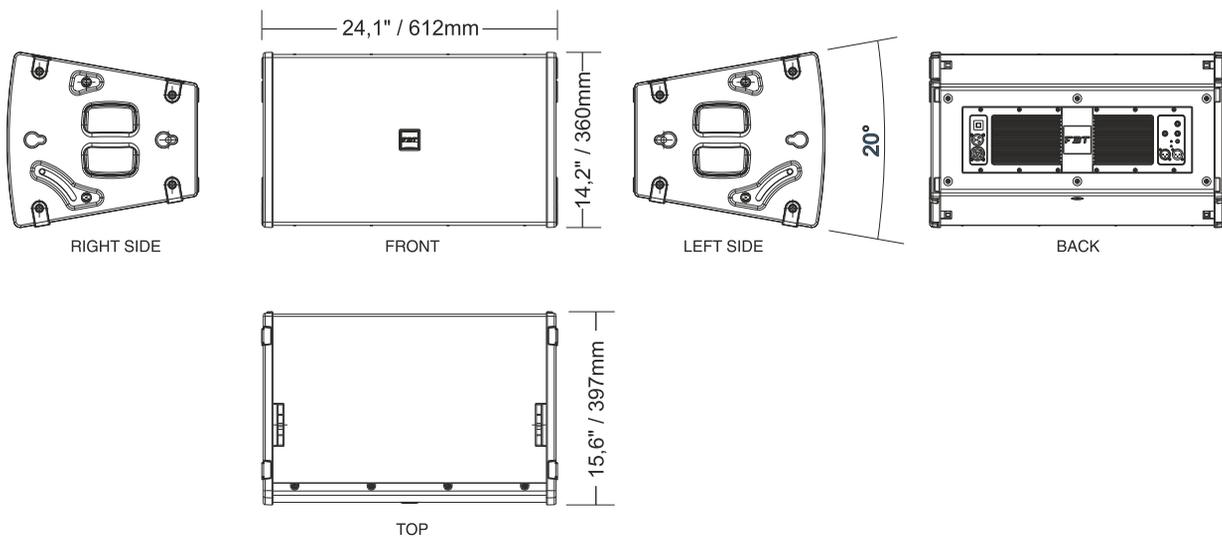


AMPLIFIER MODULE

The HORIZON VHA 112SA provides a high-efficiency Class D power amplifier module with switching power supply enclosed in a die-cast aluminium chassis. This permits to protect the electronics against dust, avoid any air loss through the controls – which would cause annoying noises- and maximize heat loss by using the woofer ventilation instead of a cooling fan.



DIMENSIONAL DRAWING





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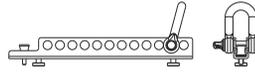
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ACCESSORIES

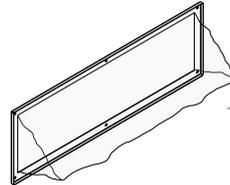
VHA-FH 406-1

HORIZONTAL FLYBAR 1 SPEAKER



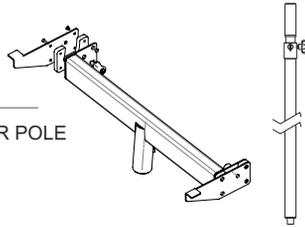
VHA-RC 406

RAIN COVER



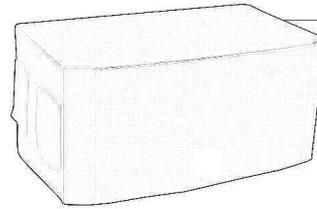
VHA-S 406

CLUSTER BRACKET WITH SPEAKER POLE



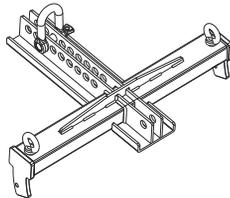
VHA-C 406/112

NYLON COVER



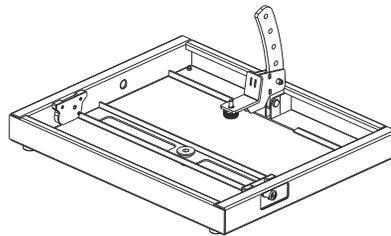
VHA-F 406

VERTICAL FLYBAR



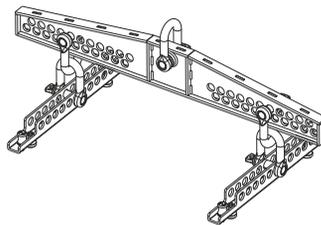
VHA-B 406

BASE TO GROUND ARRAY OR STACK ON SUB



VHA-FH 406-5

HORIZONTAL FLYBAR 5 SPEAKERS



VHA-T 406

TROLLEY WITH STABILIZER FEET

