



# VERTUS CLA 406.2A

Active Column Line Array

FBT elettronica SpA

Via Paolo Soprani 1 - 62019 RECANATI - ITALY Tel. 071 750591 - Fax. 071 7505920 - email: info@fbt.it - www.fbt.it

## APPLICATIONS

- Ideal for both live applications, assisted by the CLA118SA active subwoofer, as well as for fixed installation

## FEATURES

- 2 way bi-amplified line array column
- 0,47" birch plywood with scratch resistant varnish
- 4 x 6,5" custom woofer with 1,5" voice coil
- Neodymium B&C compression HF driver with 1,4" throat and 2,5" voice coil
- Class D 600W RMS amplifier for LF and 300W RMS for HF
- DSP processor with 8 equalization presets
- 100°H x 25°V dispersion
- Completely Manufactured in Italy

## PRODUCT DESCRIPTION

The FBT VERTUS CLA406.2A two-way bi-amplified speaker system incorporates 4 x 6,5" custom woofer with 1,5" voice coil and 1 x 1,4" B&C HF neodymium driver with 2,5 voice coil. The internal Class D amplifier module constructed in die-cast aluminum delivers 600W for LF, 300W for HF and DSP processor with 8 equalization presets provide unexpected dynamics in a system of these dimensions. The FBT VERTUS CLA 406.2A shall meet the following performance criteria: frequency response from 65Hz to 20kHz, maximum SPL of 133dB, horizontal coverage angle of 100°, vertical coverage angle 25°. The FBT VERTUS CLA 406.2A feature a 0,47" birch plywood with internal metal bracing and the front shall be protected by a heavy duty metal grille. The control panel provides Level control, HF level, Preset, HP filter, Gnd lift, 3 status led ( on, peak, prt/limit ), XLR input & link and Neutrik Powercon Cable Duplex for power supply. Via new hardware it is possible to couple two or more CLA 406.2A/CLA 206A with an angle of 0°-20° in 5° steps vertically and additional accessories are available for system suspension; four lateral inserts ( two upper and two lower) designed to accept quick release pins or M10 screws. It can be integrated elegantly and with minimal intrusion into any environment; it is ideal for live applications, assisted by sub CLA 118SA, which for fixed installations.



## TECHNICAL SPECIFICATIONS

System Type	2 way bi- biamplified
Built-in Amplifiers LF / HF *	max.: 600W RMS / 300W RMS max. peak.: 1200W / 600W
Frequency Response @ -6dB	65Hz - 20kHz
Input Impedance	22kOhm
Maximum SPL ( peak ) **	133dB
Dispersion	100° H x 25° V
Crossover Frequency	1.2 kHz
AC Power requirement	640 W

## PHYSICAL SPECIFICATIONS

Low Frequency Woofer	4 x 6,5" - 1,5" coil
High Frequency Driver	1 x 1,4" - 2,5" coil
Input Connectors	XLR with loop
Net Dimensions (WxHxD)	7,48" x 44,88" x 11,41"
	190 x 1140 x 290mm
Shipping Dimensions (WxHxD)	12,04" x 49,44" x 16,37"
	306 x 1256 x 416mm
Net Weight	61,72 lbs / 28 kg
Shipping Weight	69,44 lbs / 31,5 kg
Enclosure Material	0,47" birch plywood
Power cord	16,40 ft / 5 mt.

\* MAX.: 2mS burst, rms power on nominal speaker impedance  
MAX PEAK: based on max peak output voltage and nominal speaker impedance

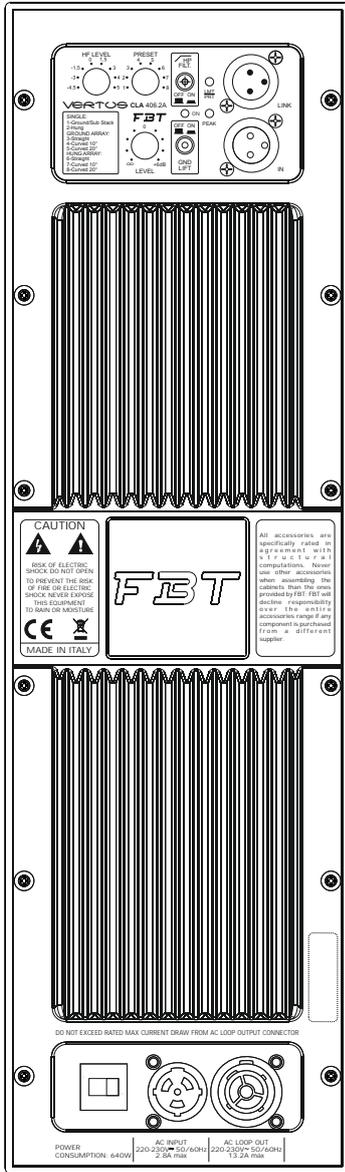
\*\* PEAK SPL: free space, based on max peak power amp rating and system peak sensitivity, 10mS time average



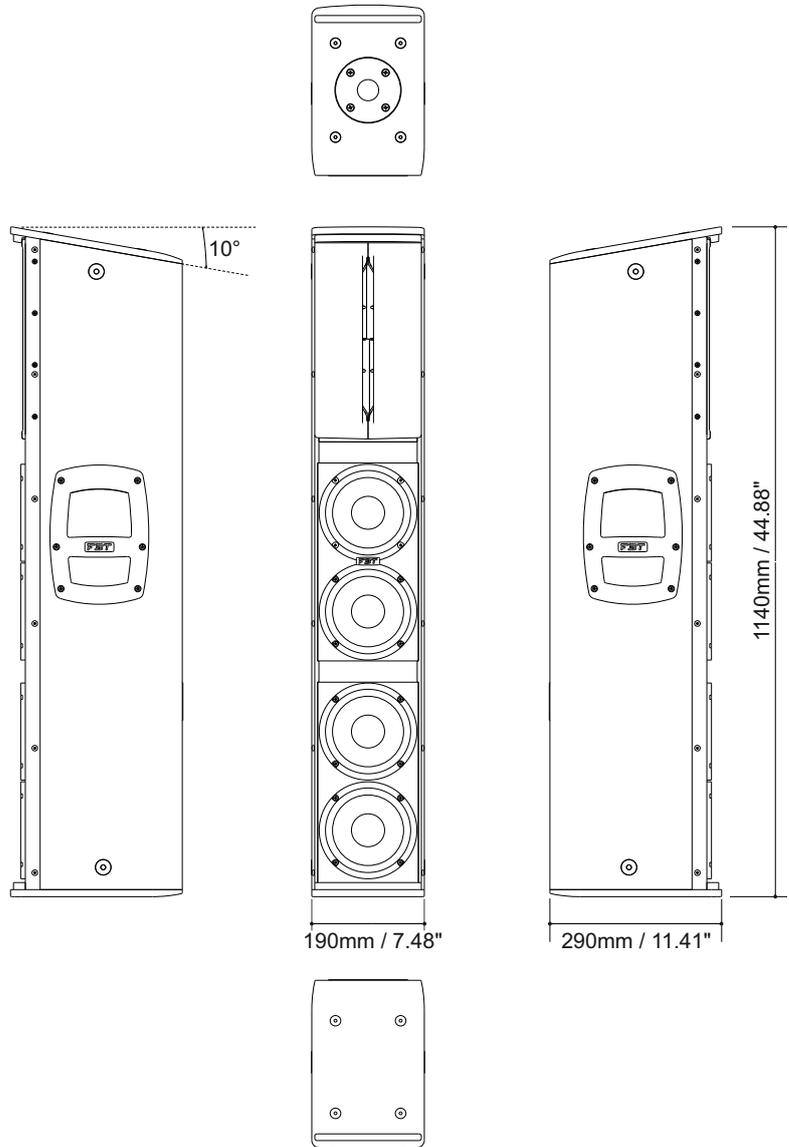
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## CONNECTION PANEL

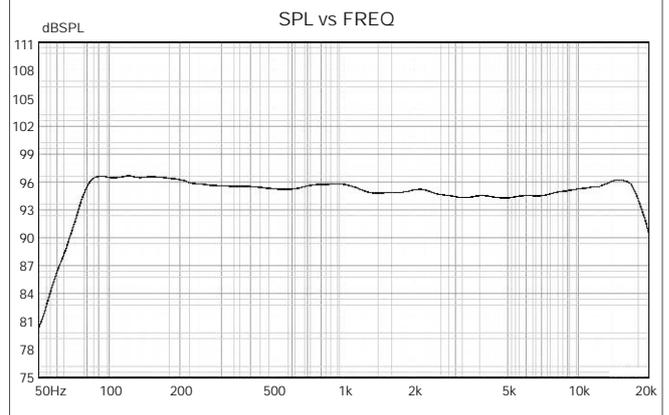
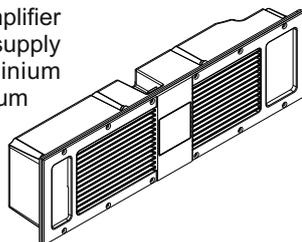


## DIMENSIONAL DRAWING



## AMPLIFIER MODULE

The FBT VERTUS CLA 406.2A provides a high efficiency class D power amplifier module with switching power supply enclosed in a die-cast aluminium chassis. This provides maximum protection of the electronics from dust or dirt, prevents air loss through the input control panel that can cause fastidious noise, and it maximizes heat dissipation avoiding the use of a fan to cool the circuitry.



**ACCESSORIES**