



# VERTUS CLA 406A

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

- Background music/announcement: Restaurants, Pubs
- Transportation terminals, Clubs, Auditorium, Theatres,
- Gyms, Houses of worship
- 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
- 4 x 6,5" custom woofer with 1,5" voice coil
- B&C HF neodymium driver 1,4" exit with 2,5" voice coil
- Class D 600W RMS amplifier for LF/300W RMS for HF
- DSP processor with 8 presets
- 100°H x 25°V dispersion
- Completely Manufactured in Italy

## PRODUCT DESCRIPTION



The FBT VERTUS CLA 406A 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 406A shall meet the following performance criteria: frequency response from 65Hz to 20kHz, maximum SPL of 133dB. The FBT VERTUS CLA 406A 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 Duplex for power supply. Via optional hardware it is possible to couple two systems with angles of 0°, 10°, 20° and additional accessories are available for system suspension. 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.

## ELECTRICAL PERFORMANCE

System Type	2 way bi- amplified
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 VA

## PHYSICAL

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)	48,22" x 16,53" x 12,40"
	1225 x 420 x 315mm
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

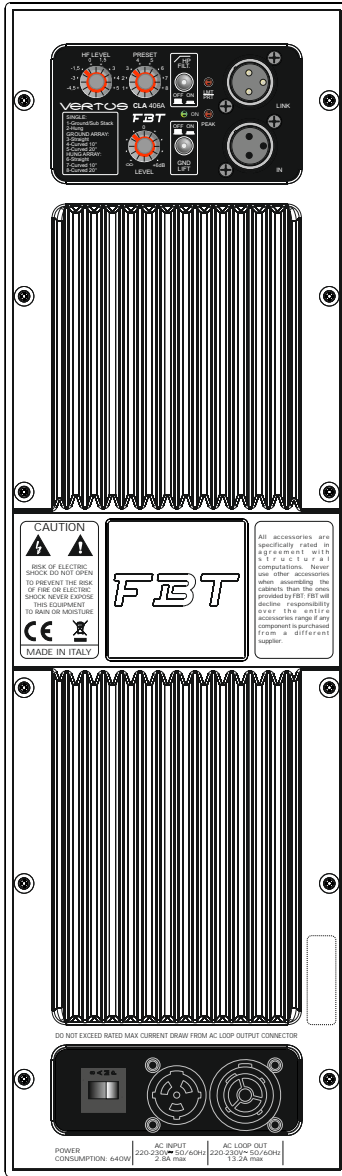
\*\* PEAK SPL: free space, based on max peak power amp rating and system peak sensitivity, 10mS time average



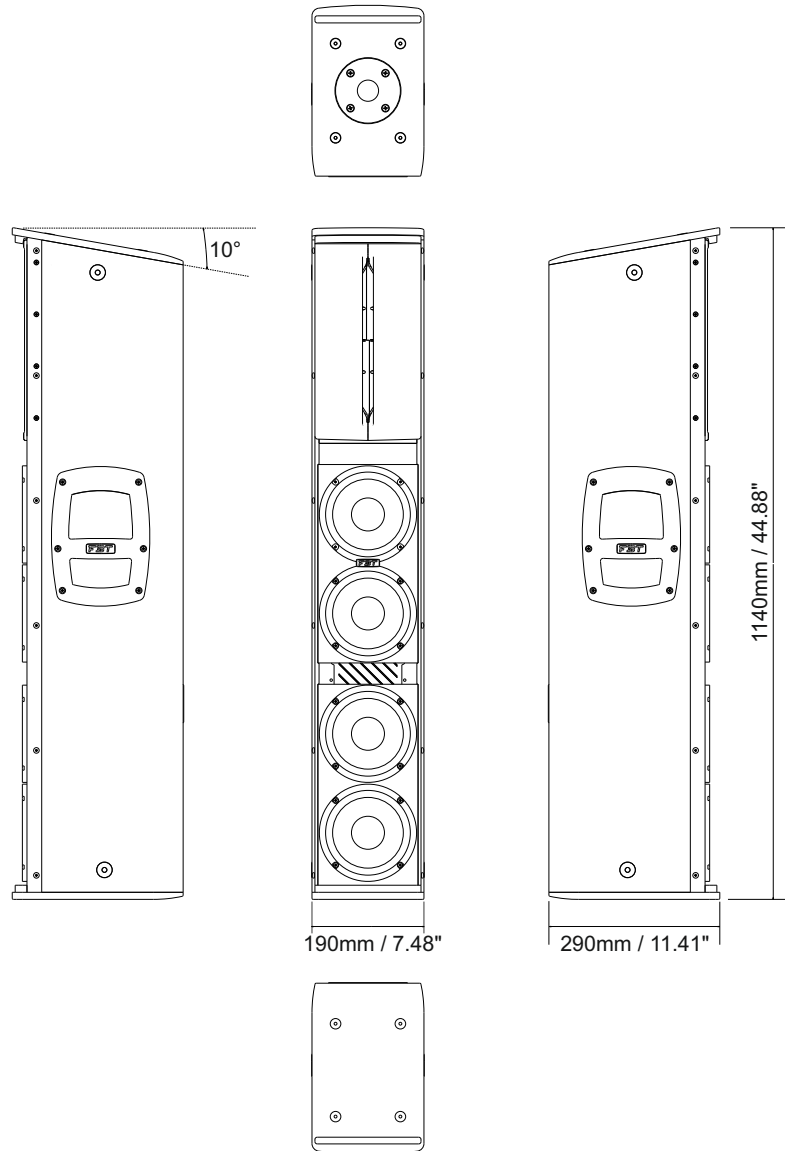
# VERTUS CLA 406A

Active Column Line Array

## CONNECTION PANEL

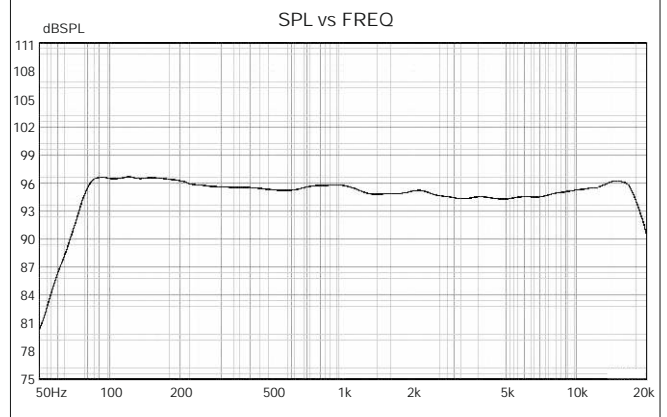
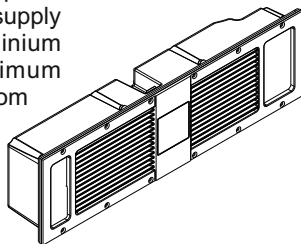


## DIMENSION DRAWING



## AMPLIFIER MODULE

The FBT VERTUS CLA 406A 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.





# VERTUS CLA 406A

Active Column Line Array

## ACCESSORIES

