

Active Column Line Array

MAIN APPLICATIONS

- School and corporate audio visual sound reinforcement
- Background music/announcement: restaurants, pubs
- Transportation terminals, clubs, auditorium, theatres, gyms,
- houses of worship
- Ideal for both live applications, assisted by the CLA 208SA active subwoofer, as well as for fixed installation

MAIN FEATURES

- 2 way bi-amplified column line array
- Extruded-aluminum powder coated cabinet
- High level sound quality and long distance sound projection
- 6 x 4" custom woofer with 1" voice coil
- 4 x 1" neodymium dome tweeter on waveguide
- Class D 400W RMS amplifier for LF
- 100W RMS for HF with switch mode power supply
- DSP processor with 4 presets
- 100°H x 20°V dispersion
- Completely Manufactured in Italy

DESCRIPTION

The FBT VERTUS CLA 604A two-way bi-amplified speaker system incorporates 6 x 4" custom woofers with 1" voice coils and 4 x 1" neodymium dome tweeters on a waveguide. The internal Class D amplification delivers 400W for the woofers and 100W for the tweeters, while the DSP processor with 4 equalization presets provides impressive dynamics for a system of this size. The FBT VERTUS CLA 604A meets the following performance criteria: frequency response from 130Hz to 20kHz, and a maximum SPL of 125dB. It is equipped with a DSP featuring 4 EQ presets. The FBT VERTUS CLA 604A features an extruded aluminum construction, and the front is protected by a heavy-duty metal grille. The control panel provides volume control, preset selection, HP filter, source switch, and three status LEDs (on, peak, prt/limit). The input/output panel includes an XLR input, a Neutrik PowerCon supply input at the lower part of the column, as well as an XLR link and Neutrik PowerCon loop output at the upper part. The superior and inferior latching system enables the extension of the line array by adding CLA 604A modules, allowing for greater system modularity and the possibility to angle the columns by $\pm 30^\circ$ on the horizontal plane. The rapid latching system with pins allows for easy system expansion, including doubling-up CLA 208 SA modules to form a unified column with absolute and coherent source integration.

TECHNICAL SPECIFICATIONS

GENERAL

Code	Black	34549
	White	36892
Configuration	way	2
Low frequency woofer	inch	6 x 4 - 1 coil
High frequency driver	inch	4 x 1 - 1 coil

ACOUSTIC SPECIFICATIONS

Frequency response (@-6dB)	Hz	130 - 20k
MAX SPL (cont/peak)	dB	122 / 125
Dispersion	H° x V°	100 x 20
Crossover frequency	Hz	2.5k

INPUTS & OUTPUTS

Input connectors		XLR with loop
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POWER SUPPLY

AC power requirement	VA	450
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AMPLIFIER

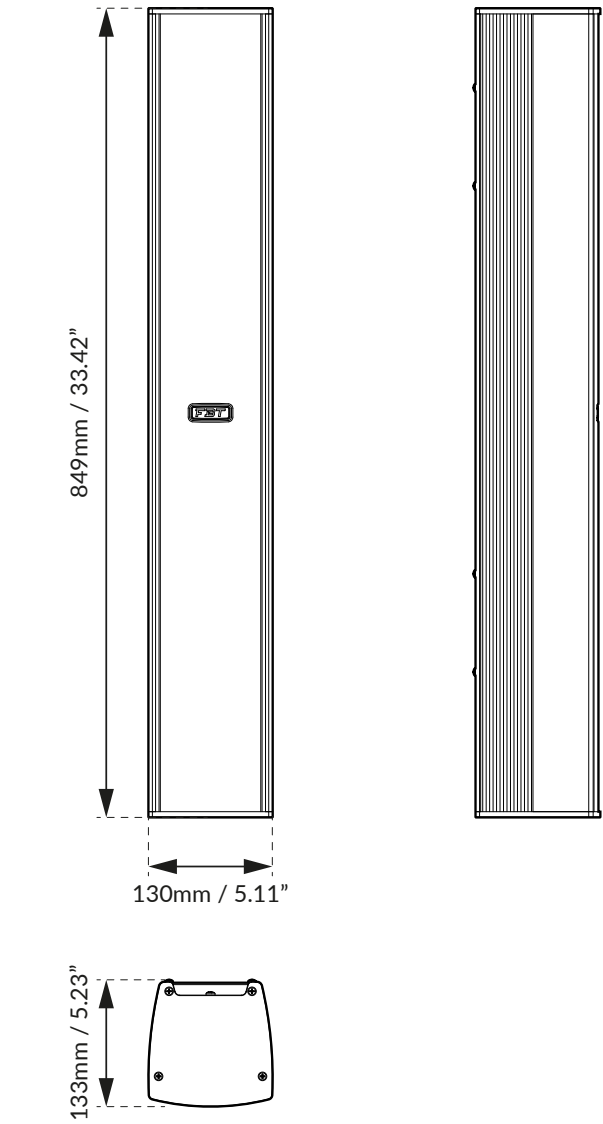
Built-in amplifier LF/HF cont.	W RMS	350 / 80
Built-in amplifier LF/HF max	W RMS	400 / 100
Built-in amplifier LF/HF peak	W RMS	800 / 200
Input impedance	Ohm	22k

MECHANICAL SPECIFICATIONS

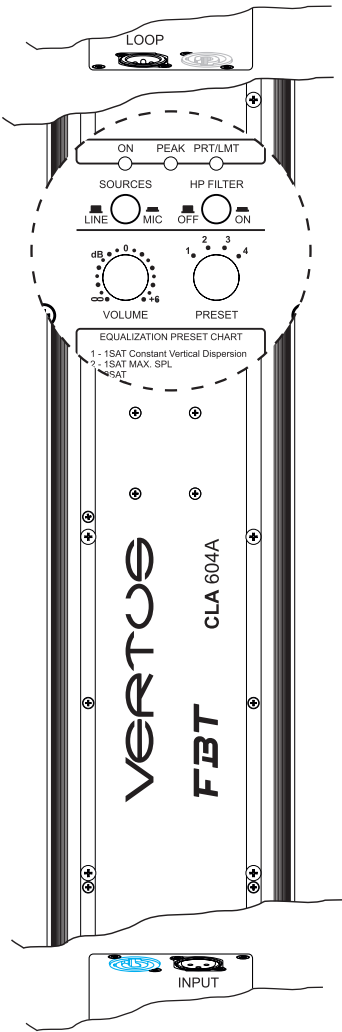
Material	Cabinet	Aluminium
	Grille	Perforated powdercoated steel
Net dimensions (WxHxD)	mm	130 x 849 x 133
	inch	5.11 x 33.42 x 5.33
Transport dimensions (WxHxD)	mm	245 x 930 x 220
	inch	9.65 x 36.61 x 8.66
Net weight	kg	9.50
	lb	20.94
Transport weight	kg	10.50
	lb	23.14



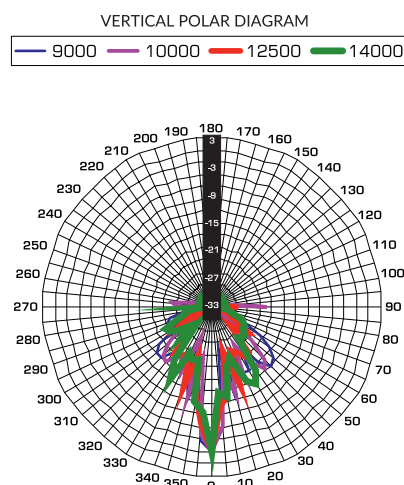
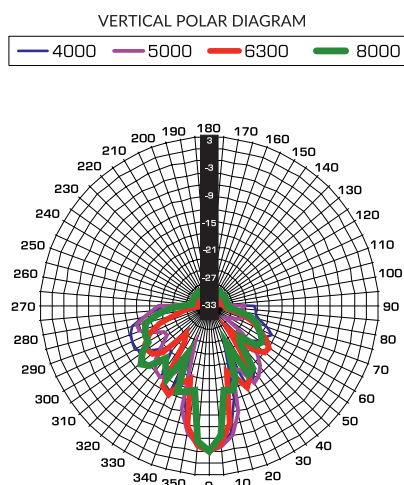
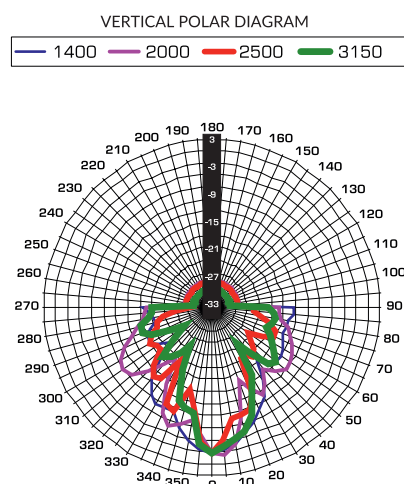
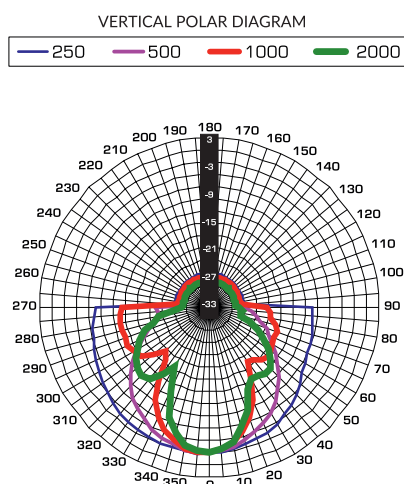
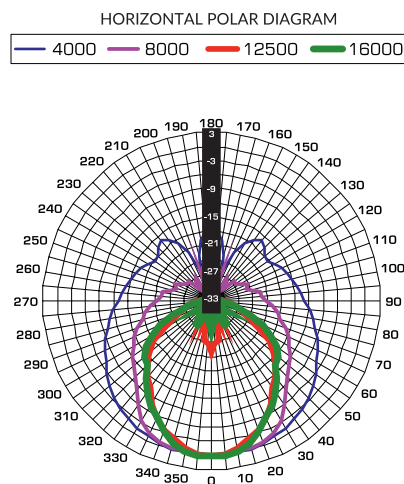
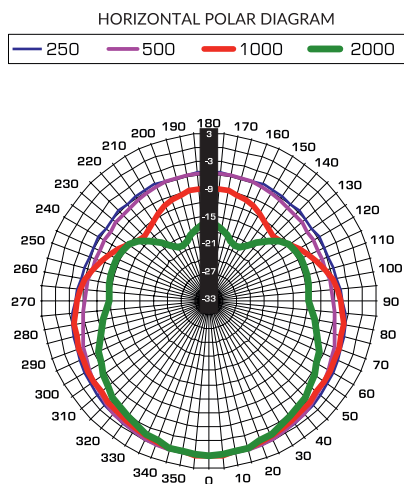
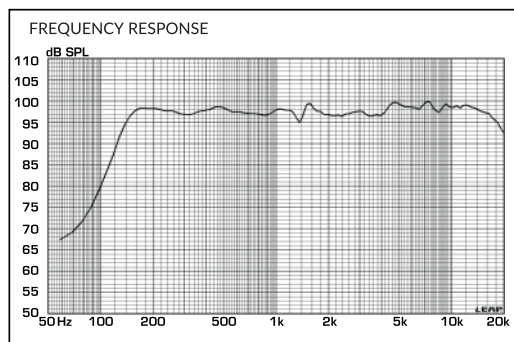
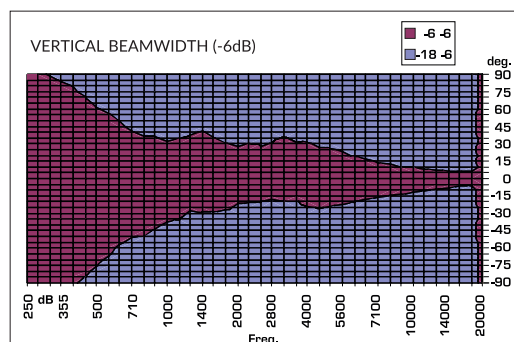
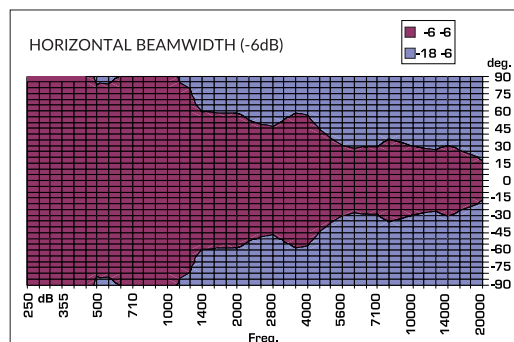
DIMENSIONAL DRAWING

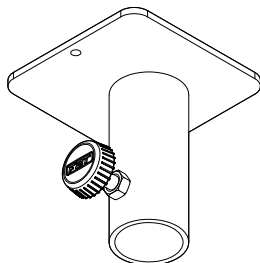


CONNECTION PANEL



DIAGRAMS

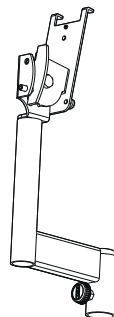



VT-S 604
Stand Adapter

Black code: 35723

White code: 37044

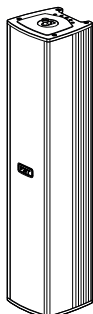
100 x 100 x 100mm
 3.93 x 3.93 x 3.93inch
 0.60 kg / 1.32 lb


VT-DS 604
Stand Adapter

Black code: 37053

White code: 37054

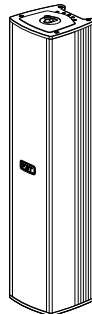
48 x 230 x 125mm
 1.89 x 9.06 x 4.92inch
 1.60 kg / 3.52 lb


VT-SC 59 604
Stand Column

Black code: 36879

White code: 36883

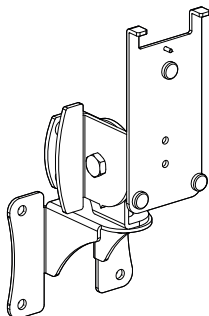
130 x 590 x 133mm
 5.12 x 23.23 x 5.24inch
 3.50 kg / 7.71 lb


VT-SC 114 604
Stand Column

Black code: 37041

White code: 37042

130 x 1140 x 133mm
 5.12 x 44.88 x 5.24inch
 6.50 kg / 14.33 lb


VT-W604
Directional Wall Mount

Black code: 35722

White code: 37043

125 x 276 x 126mm
 4.92 x 10.87 x 4.96inch
 1.20 kg / 2.64 lb