Column Line Array

EN 54-24:2008

IP55 ❄ ⚠ ⚠

EN 54-16:2008 / IP55
Cert. Nr. 0068-CPR-142/2020

Declaration of Performance (DoP)
available on the website: *www.fbt.it*

MAIN FEATURES

- Extruded aluminum cabinet
- 4 x 3" fullrange driver with 0.75" voice coil
- 70V/100V transformer
- Cerminal terminal block in & through wire connection
- EN 54-24 Certificate of Conformity / IP55
- Completely manufactured in Italy

DESCRIPTION

Suited to both indoor and outdoor use, the VERTUS CLA 403T features four 3" full-range woofers. The VERTUS CLA 403T offers powerful new features for systems integrators facing challenging acoustic conditions. The column features an extruded aluminum construction and is characterized by an integrated passive directivity control system which delivers consistent frequency-based vertical dispersion, offering users the choice of two angles, NARROW and WIDE, respectively 110°H x 25°V and 110°H x 50°V. The VERTUS CLA 403T is fully modular and includes a 100V line transformer with switchable power levels, allowing multiple enclosures to be linked to increase low-frequency control, high-frequency dispersion, and overall SPL. The accessories match the enclosures with sliding guides and integrated quick-release pins for an exceptionally quick, easy, and effective installation.

TECHNICAL SPECIFICATIONS

GENERAL

Code	Black	41807
	White	41824
Configuration	way	1
Fullrange driver	inch	4 x 3 - 0.75 coil

ACOUSTIC SPECIFICATIONS

Frequency response (@-6dB)	Hz	150 - 20k
Sensitivity (@1W/1m)	dB	91
MAX SPL (@1m/4m)	dB	106 / 94
HORIZONTAL dispersion (-6dB) NARROW = Wide setting		360° (500Hz)
		170° (1kHz)
		125° (2kHz)
		125° (4kHz)
		100° (8kHz)
VERTICAL dispersion (-6dB) WIDE setting		160° (500Hz)
		70° (1kHz)
		36° (2kHz)
		22° (4kHz)
		20° (8kHz)
VERTICAL dispersion (-6dB) NARROW setting		160° (500Hz)
		70° (1kHz)
		28° (2kHz)
		14° (4kHz)
		9° (8kHz)

INPUTS & OUTPUTS

Input connectors		Cerminal terminal block

AMPLIFIER

Recommended amplifier	W RMS	100
Rated noise power (100hrs)	W (V)	50 (28.2)
Nominal impedance	Ohm	16
Nominal impedance 100V line	Ohm (W)	200 (50) / 400 (25)

MECHANICAL SPECIFICATIONS

Operating / Storage temperature	°C	-25 ÷ +55 / -40 ÷ +70
Relative Humidity		<95%
Material	Cabinet	Aluminium
	Grille	Perforated powdercoated steel
Net dimensions (WxHxD)	mm	100 x 368 x 125
	inch	3.93 x 14.48 x 4.92
Transport dimensions (WxHxD)	mm	190 x 435 x 170
	inch	7.48 x 17.13 x 6.69
Net weight	kg	3
	lb	6.61
Transport weight	kg	3.50
	lb	7.71

DIMENSIONAL DRAWING

368mm / 14.48"

100mm / 3.93"

125mm / 4.92"

104mm / 4.09"

CONNECTION PANEL

FBT
VERTUS
CLA 403T
Column Line Array

0068
CE 20
MADE IN ITALY

FBT
VERTUS
CLA 403T
Column Line Array

NARROW
WIDE
ANGLE SETTING

100V
16Ω
50W
25W
PWR SELECTOR

+ INPUT POLARITY −

CERT. DOP
0068 / CPR / 142-2020
TYPE B   IP 55
EN 54 - 24:2008
FBT ELETTRONICA SpA

CE 20
MADE IN ITALY
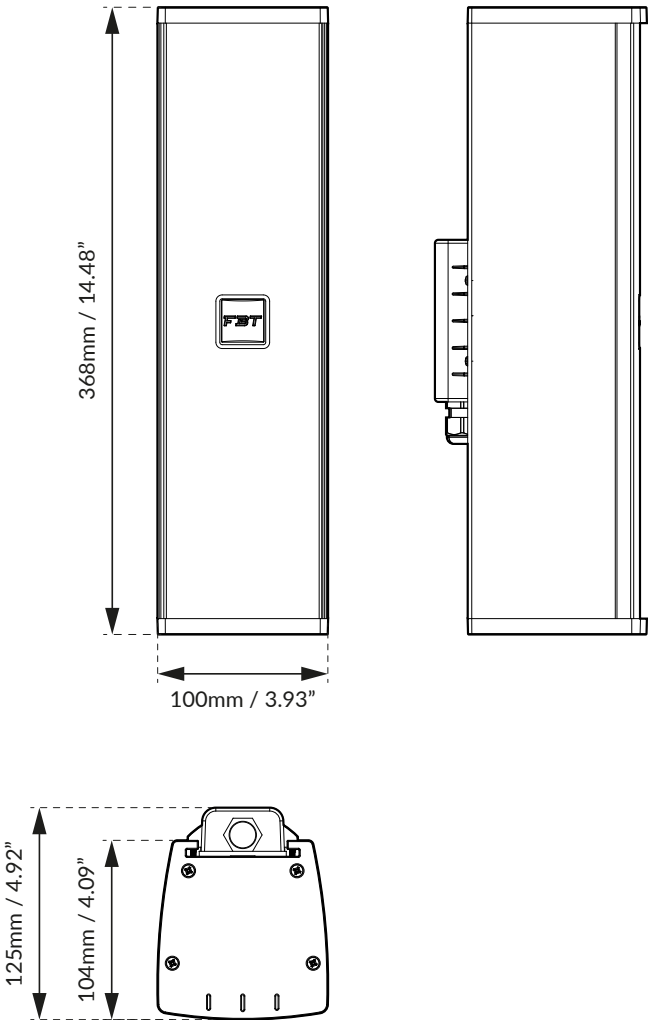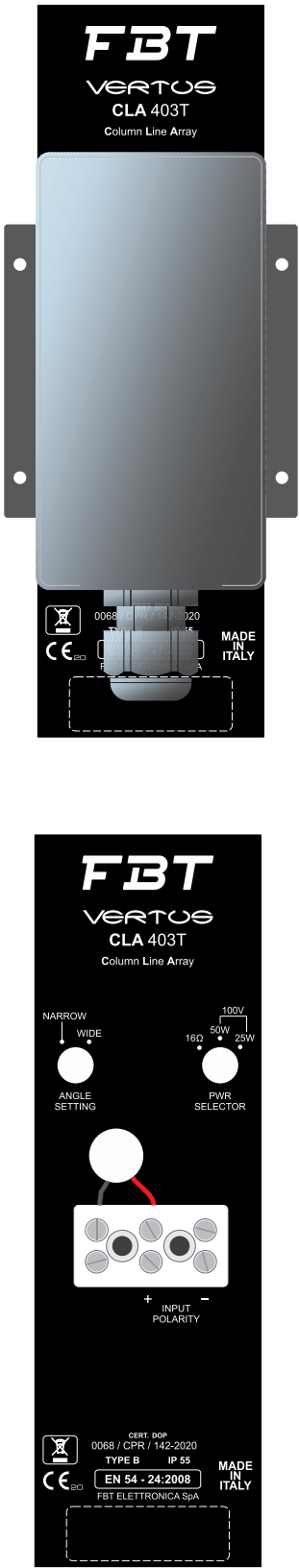
ACCESSORIES
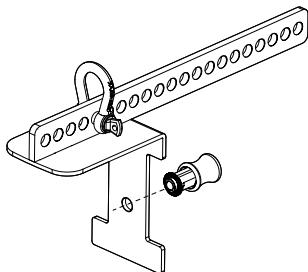
VT-F 3

Flying Bar
Black code: 41795
White code: 41820

260 x 130 x 65mm
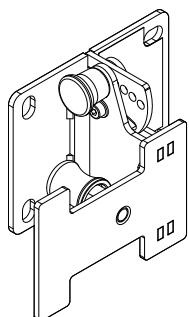10.23 x 5.11 x 2.55inch
0.53 kg / 1.16 lb
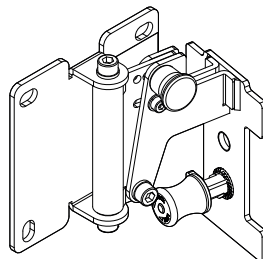
VT-W 3

Vertical Wall Mount
Black code: 41797
White code: 41821
AISI 316L - stainless steel
100 x 100 x 90mm
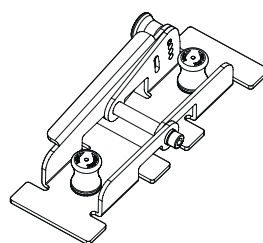3.93 x 3.93 x 3.56inch
0.68 kg / 1.49 lb

VT-WH 3

Horizontal Wall Mount
Black code: 41798
White code: 41822
AISI 316L - stainless steel
105 x 88 x 51mm
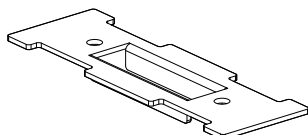4.13 x 3.46 x 2inch
0.53 kg / 1.16 lb

VT-J 3

Joint Bar 0°-15°
Black code: 41794
White code: 41819
AISI 316L - stainless steel
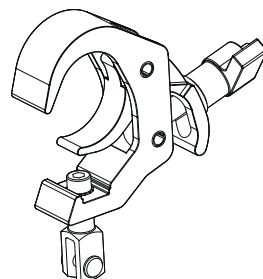197 x 56 x 75mm
7.77 x 2.22 x 2.95inch
0.57 kg / 1.25 lb

VT-JF 3

Joint Bar
Black code: 41799
White code: 42955

197 x 15 x 65mm
7.75 x 0.59 x 2.55inch
0.32 kg / 0.70 lb

VT-T 3

Clamp for Attachment to Trellis
Code: 41796

152 x 151 x 62mm
5.98 x 5.94 x 2.44nch
0.50 kg / 1.10 lb