



VERTUS CLA 604

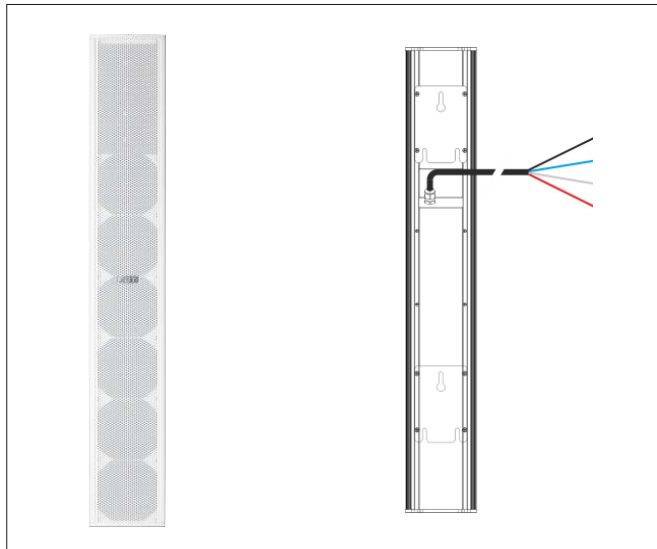
APPLICATIONS

- Ideal for fixed installations in reverberant environments, it can improve both music and voice intelligibility by improving direct/reflected sound quality
- Audio visual applications
- Auditorium
- Halls
- Churches
- Meeting places

FEATURES

- 2 way passive column line array
- Extruded-aluminum powder coated cabinet
- 6 x 4" custom woofer with 1" voice coil
- 4 x 1" neodymium dome tweeter on waveguide
- 100V transformer (power 50W / 100W)
- Fireproof cable according to UNI 9795 2010
- Wall-mount installations bars are supplied
- EN 54-24 Certificate of Conformity
- Completely Manufactured in Italy

Loudspeaker for voice alarm system for fire detection and fire alarm systems for buildings



EN 54-24

PRODUCT DESCRIPTION

The FBT VERTUS CLA 604 two-way passive speaker system incorporates 6 x 4" custom woofer with 1" voice coil and 4 x 1" neodymium dome tweeter on waveguide. The FBT VERTUS CLA 604 shall meet the following performance criteria: frequency response of 140Hz to 20kHz, maximum SPL of 110dB (100W, 1m). The FBT VERTUS CLA 604 feature an extruded aluminum construction, the front shall be protected by a heavy duty metal grille and is fitted with fireproof cable according to UNI 9795 2010 (length 35.43 inch). The fixing system makes mounting easy and enables the speaker unit to be turned in the best direction. The FBT VERTUS CLA 604 can be setup in constant impedance or constant voltage mode (100V/50W-100W) thanks to an optional line transformer. The FBT VERTUS CLA 604 is intended for indoor installations.

ELECTRICAL PERFORMANCE

System Type	2 way
Rated Output	100W (28V / 8 Ohm)
Nominal Impedance	8 Ohm (100W)
Nominal Impedance 100V line	100 Ohm (100W) 200 Ohm (50W)
Sensitivity	91dB (1W, 1m)
Max Sound Pressure SPL	110dB (100W / 1m)
Frequency Response	140Hz ÷ 20kHz (-6dB)
Angle of Dispersion (H) -6dB	200° (500Hz) 190° (1kHz) 120° (2kHz) 110° (4kHz)
Angle of Dispersion (V) -6dB	70° (500Hz) 40° (1kHz) 15° (2kHz) 30° (4kHz)
Operating / Storage Temperature	-25°C ÷ +55°C / -40°C ÷ +70°C
Relative Humidity	<95%

PHYSICAL

Low Frequency Woofer	6 x 4" - 1" coil
High Frequency Driver	4 x 1" - 1" coil
Connection	through 4 wires
Net Dimensions (WxHxD)	5.12" x 33.1" x 5.12" 130 x 841 x 130mm
Shipping Dimensions (WxHxD)	8.66" x 36.61" x 8.66" 220 x 930 x 220mm
Net Weight	23.14 lbs / 10.5 kg
Shipping Weight	26.45 lbs / 12 kg
Enclosure Material	aluminum
Grille	perforated powdercoated steel

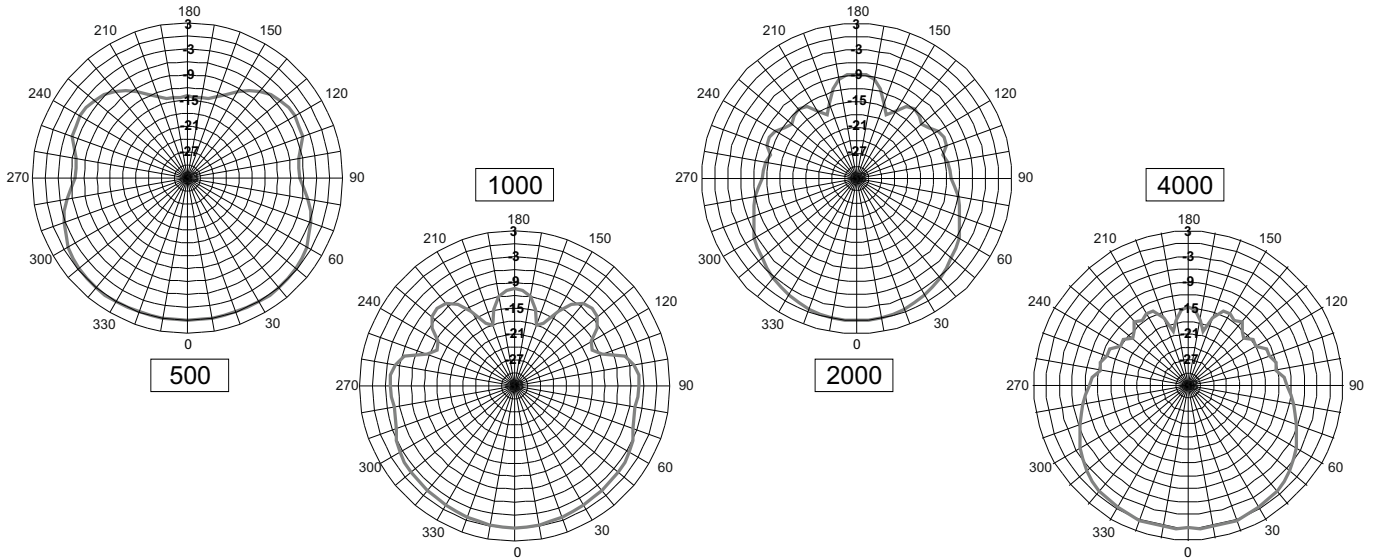
Acoustical measurement environment used for the specifications listed in this table are made in free field condition



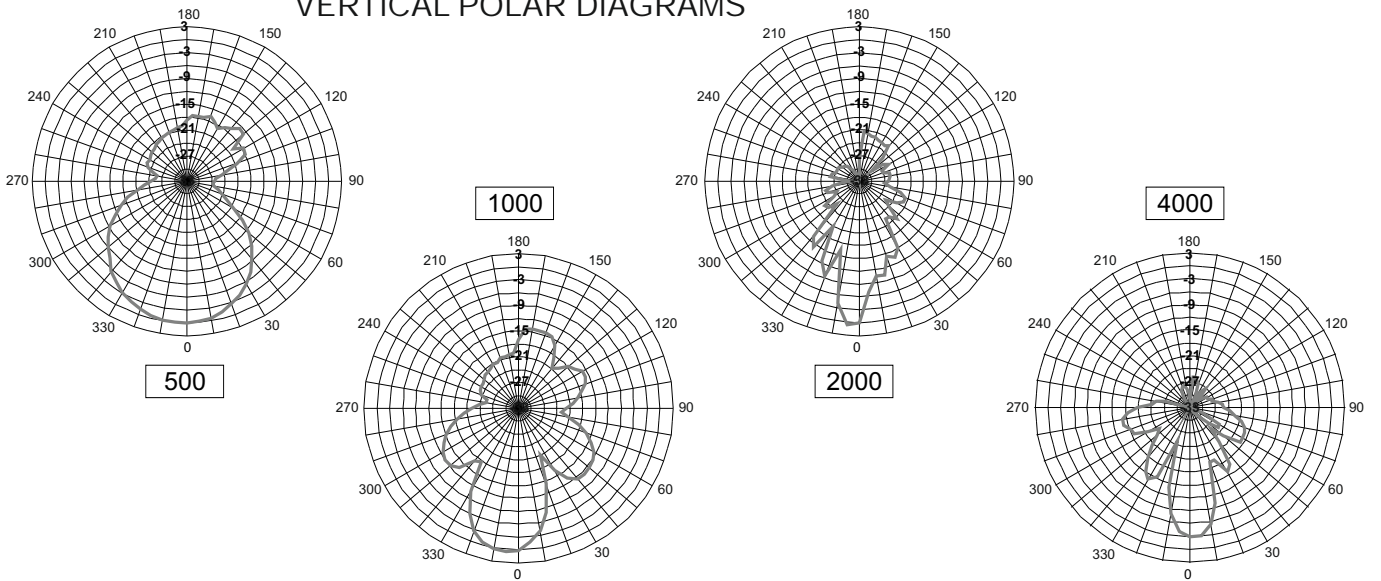
VERTUS

CLA 604

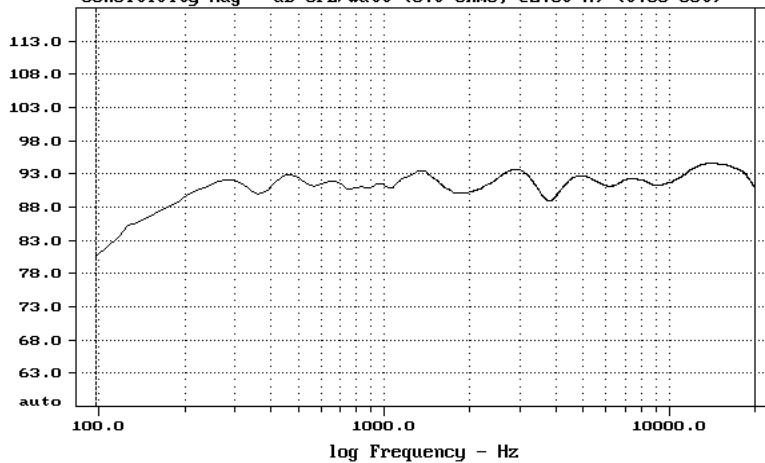
HORIZONTAL POLAR DIAGRAMS



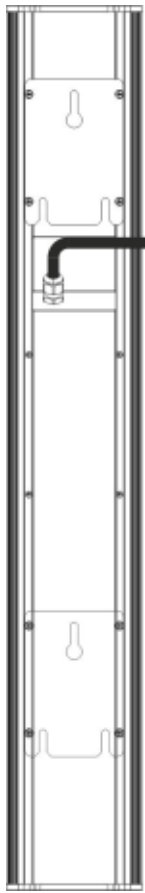
VERTICAL POLAR DIAGRAMS



Sensitivity Mag - dB SPL/watt (8.0 ohms, @2.80 M) (0.33 oct)



CONNECTION PANEL

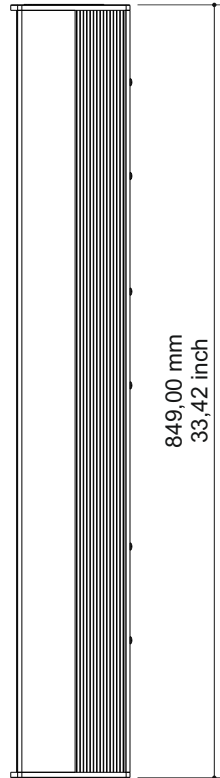


WIRES CONNECTION	
Black	COMMON
Blue	100V / 100W
White	100V / 50W
Red	8 OHM

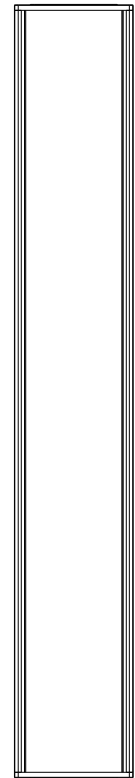
70V = HALF PWR

DIMENSION DRAWING

SIDE VIEW



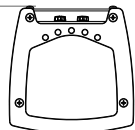
FRONT VIEW



849,00 mm
33,42 inch

130,37 mm
5,13 inch

133,06 mm
5,23 inch



TOP VIEW

VT-W604

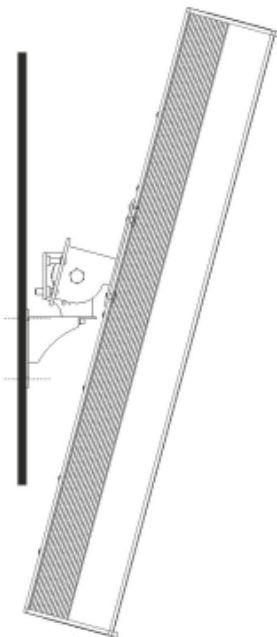
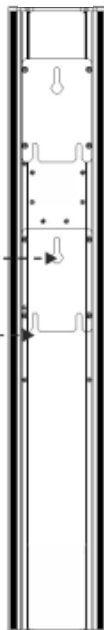
Directional wall mount bracket

ACCESSORIES

VT-W604

80 mm
3,14 inch

100 mm
3,93 inch



Loudspeaker physical references

