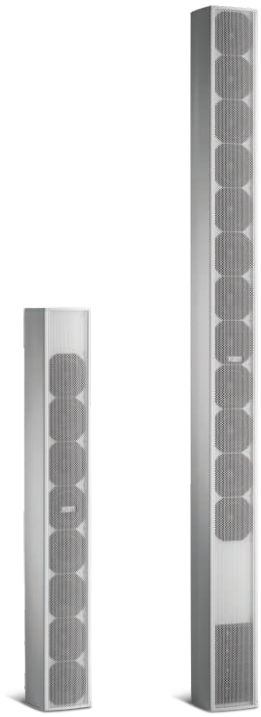
VERTUS DLA 804A / 1244A

DIGITAL CONTROL ACTIVE LINE ARRAY



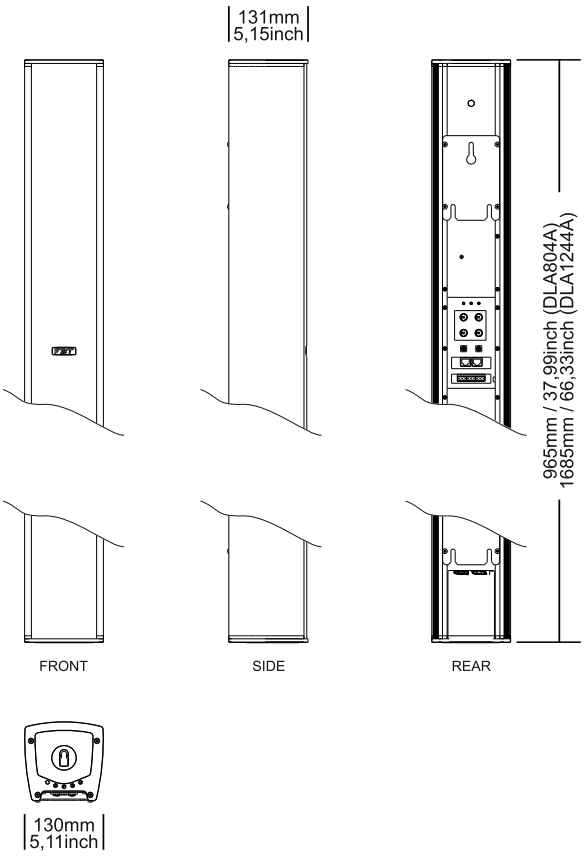
Description

Built in elegant aluminum scratch resistant cabinet, DLA is an active steerable array system that provides exceptional intelligibility in highly reverberant environments. The characteristics of the lobe radiation directional controls, the high SPL, the HI-FI frequency range, the elegance and overall dimensions, make the DLA system particulary suitable for high quality sound even in acoustically difficult environments, given the capacity of the wavefront to soften of about 3dB upon doubling the distance from the source. The DLA 1244A with a 100Hz to 20kHz frequency response, is recommended for voice and high-quality music reproduction; it can be used in association with DLA 804A in order to create a full-range system. Both DLA models have a dedicated SUB output to extend performance at low frequencies. The DLA system features a RS-485 network connection for total control through PC. Wall mount installation with the the supplied bars.

Functional features

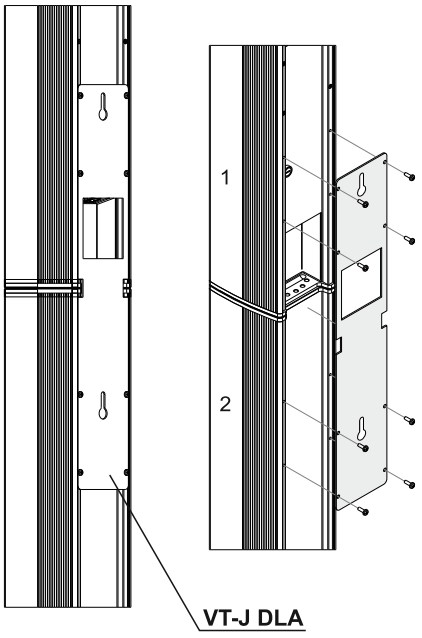
- Standard white finish RAL9016
- 8 x 50W RMS (DLA804A) / 16 x 50W (DLA1244A)
- Active column line array with digital beam steering technology
- 8 x 4" full-range speakers (DLA804A) / 12 x 4" (DLA1244A)
- 4 x 1" dome neodymium tweeter (DLA1244A)
- Extruded aluminium cabinet
- Perfect for the reproduction of high-quality speech/vocal applications in reverberant environments

Dimensions



Accessory

VT-J DLA to secure two modules



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Technical data

ELECTRICAL PERFORMANCE	DLA 804A	DLA 1244A
System Type	8 way	16 way
Built-in Amplifiers	cont.: 8 x 40W	cont.: 16 x 40W
	max.: 8 x 50W	max.: 16 x 50W
	peak.: 8 x 100W	peak.: 16 x 100W
Frequency Response @ -6dB	120Hz - 20kHz	100Hz - 20kHz
Input Impedance	22kOhm	22kOhm
Maximum SPL (cont. / peak)	120dB / 123dB	123dB / 126dB
Dispersion	100° digitai controlled	100° digital controlled
Crossover Frequency	3 kHz	1.8 kHz
AC Power requirement	400 VA	650 VA

PHYSICAL	DLA 804A	DLA 1244A
Low Frequency Woofer	8 x 4" / 1" coil	12 x 4" / 1" coil
High Frequency Driver	----------	4 x 1" / 1" coil
Input Connectors	Euroblock	Euroblock
Net Dimensions (WxHxD)	5,11" x 38" x 5,15" 130 x 965 x 131mm	5,11" x 66,33" x 5,15" 130 x 1685 x 131mm
Shipping Dimensions (WxHxD)	8,66" x 40,94" x 8,66" 220 x 1040 x 220mm	8,66" x 69,29" x 8,66" 220 x 1760 x 220mm
Net Weight	26,66 lbs / 13 kg	48,50 lbs / 22 kg
Shipping Weight	31,96 lbs / 14,5 kg	54,01 lbs / 24,5 kg
Enclosure Material	extruded aluminium	extruded aluminium
Power cord	16.4 ft / 5 mt.	16.4 ft / 5 mt.

Control from PC

- CONTROL FROM PC: the connection uses the RS485 protocol to send and receive data between the PC and speaker. The PC must be connected via a USB cable to the USB-RS485 converter and from thence to the first speaker (NETWORK IN) using a standard Ethernet cable. Connect the loudspeakers in succession with Ethernet cables (from NETWORK OUT to NETWORK IN) and place the relevant RJ45 bridge on the output of the last speaker.
The succession of the speakers, starting with the first one identifiable on the software as the speaker adjacent to the "FRAME", must follow the order of the system as designed on the PC.

Connection to the PC, besides the supplied converter, requires the drivers necessary for the peripheral devices to function properly. The drivers are available directly on the www.ftdichip .com website; to properly install the converter, refer to the instructions available at the following link:
http://www.ftdichip.com/Documents/InstallGuides.htm

CODE: F36959
USB-RS485 CONVERTER