

VSA 2050

DIGITALLY STEERABLE SOUND COLUMN SPEAKER

DESCRIPTION

The VSA 2050 is a multi-amplified vertical steerable array that represents one of the latest RCF applications in terms of digital audio technology. Thanks to powerful DSPs it processes the audio signal sent to each speaker for controlling its vertical acoustic dispersion to address the audio signal exactly to the listening area, avoiding to send the acoustic energy to ceilings and empty floors, thus not introducing bad reflections that would affect speech intelligibility, mainly in critical environments with high reverberation time.



FEATURES

- 20 x Class D, 50 W amplifiers
- 96 dB Max SPL
- 20 x 3.5" full range speakers
- 48 kHz 32 bit processing
- Horizontal dispersion 130°
- Vertical dispersion controlled up to 10° till 300 Hz
- Power supply 115/230 Vac (600VA); 24 V dc
- Ceramic block terminals and thermal fuse on 0 dB balanced priority input
- Standard installation accessories included
- Indicators and control for EN 60849 monitoring facility



TECHNICAL SPECIFICATIONS

Acoustical specifications	Frequency Response:	100 Hz ÷ 18000 Hz
	Max SPL @ 30m:	96 dB
	Horizontal coverage angle:	130°
	Vertical coverage angle:	30°
Transducers	Fullrange:	20 x 3.5", 1.0" v.c
Input/Output section	Input signal:	bal/unbal
	Input connectors:	Ceramic screw terminals
	Input sensitivity:	0 dBu
Processor section	Protections:	Thermal, short circuit
	Limiter:	Soft Limiter
	RNet:	Yes
Power section	Total Power:	1000 W Peak, 500 W RMS
	Cooling:	Convection
	Connections:	VDE
Standard compliance	CE marking:	Yes
Physical specifications	Cabinet/Case Material:	Aluminium
	Hardware:	2 x Wall Mounting Flange
	Color:	White - RAL 9002
Size	Height:	2070 mm / 81.5 inches
	Width:	125 mm / 4.92 inches
	Depth:	97 mm / 3.82 inches
	Weight:	20 kg / 44.09 lbs
Shipping informations	Package Height:	180 mm / 7.09 inches
	Package Width:	2264 mm / 89.13 inches
	Package Depth:	200 mm / 7.87 inches
	Package Weight:	31.5 kg / 69.45 lbs

PART NUMBER

- **13000262**
 VSA 2050
 220-240V, Custom color
 EAN 8024530009052
- **13000201**
 VSA 2050
 115V, White - RAL 9002
 EAN 8024530008697
- **13000200**
 VSA 2050
 220-240V, White - RAL 9002
 EAN 8024530008680

DRAWINGS

FRONT VIEW

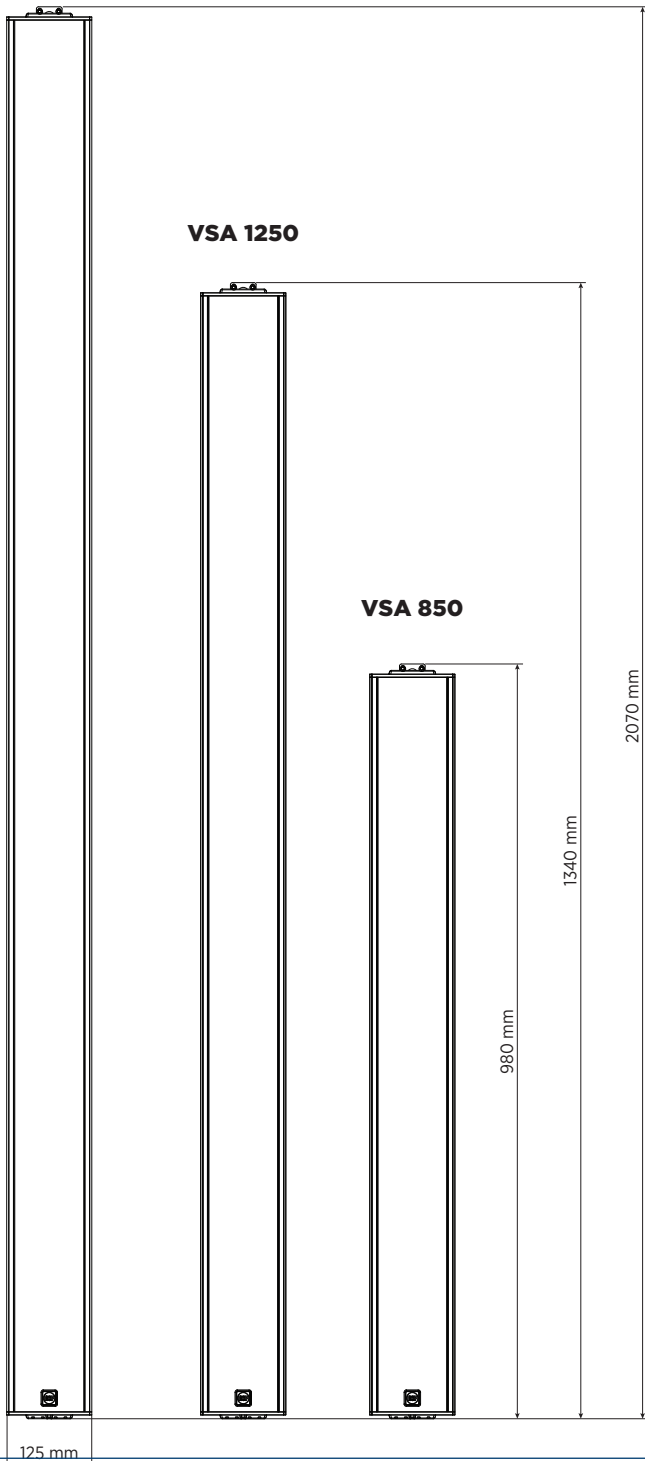
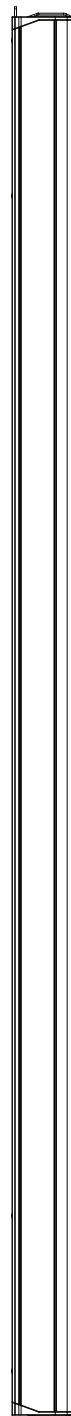
SIDE VIEW

REAR VIEW

VSA 2050

VSA 1250

VSA 850



97 mm