

VSA 850

DIGITALLY STEERABLE SOUND COLUMN SPEAKER

DESCRIPTION

The VSA 850 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

- 8 x Class D, 50 W amplifiers
- 93 dB Max SPL
- 8 x 3.5" full range speakers
- 48 kHz 32 bit processing
- Vertical dispersion controlled up to 10° till 30°
- Power supply 115/230 Vac (600VA); 24 V dc
- Extruded aluminium body
- 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:	130 Hz ÷ 18000 Hz
	Max SPL @ 30m:	93 dB
	Horizontal coverage angle:	130°
	Vertical coverage angle:	30°
Transducers	Fullrange:	8 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:	980 mm / 38.58 inches
	Width:	125 mm / 4.92 inches
	Depth:	97 mm / 3.82 inches
	Weight:	11.2 kg / 24.69 lbs
Shipping informations	Package Height:	169 mm / 6.65 inches
	Package Width:	1184 mm / 46.61 inches
	Package Depth:	189 mm / 7.44 inches
	Package Weight:	13.2 kg / 29.1 lbs

PART NUMBER

- **13000278**

VSA 850

115V, White - RAL 9002

EAN 8024530009113

- **13000277**

VSA 850

220-240V, White - RAL 9002

EAN 8024530009106

DRAWINGS

FRONT VIEW

SIDE VIEW

REAR VIEW

VSA 2050

