

# 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

<b>Acoustical specifications</b>	Frequency Response:	130 Hz ÷ 18000 Hz
	Max SPL @ 30m:	93 dB
	Horizontal coverage angle:	130°
	Vertical coverage angle:	30°
<b>Transducers</b>	Fullrange:	8 x 3.5", 1.0" v.c
<b>Input/Output section</b>	Input signal:	bal/unbal
	Input connectors:	Ceramic screw terminals
	Input sensitivity:	0 dBu
<b>Processor section</b>	Protections:	Thermal, short circuit
	Limiter:	Soft Limiter
	RDNet:	Yes
<b>Power section</b>	Total Power:	1000 W Peak, 500 W RMS
	Cooling:	Convection
	Connections:	VDE
<b>Standard compliance</b>	CE marking:	Yes
<b>Physical specifications</b>	Cabinet/Case Material:	Aluminium
	Hardware:	2 x wall mounting flange
	Color:	White - RAL 9002
<b>Size</b>	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
<b>Shipping informations</b>	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

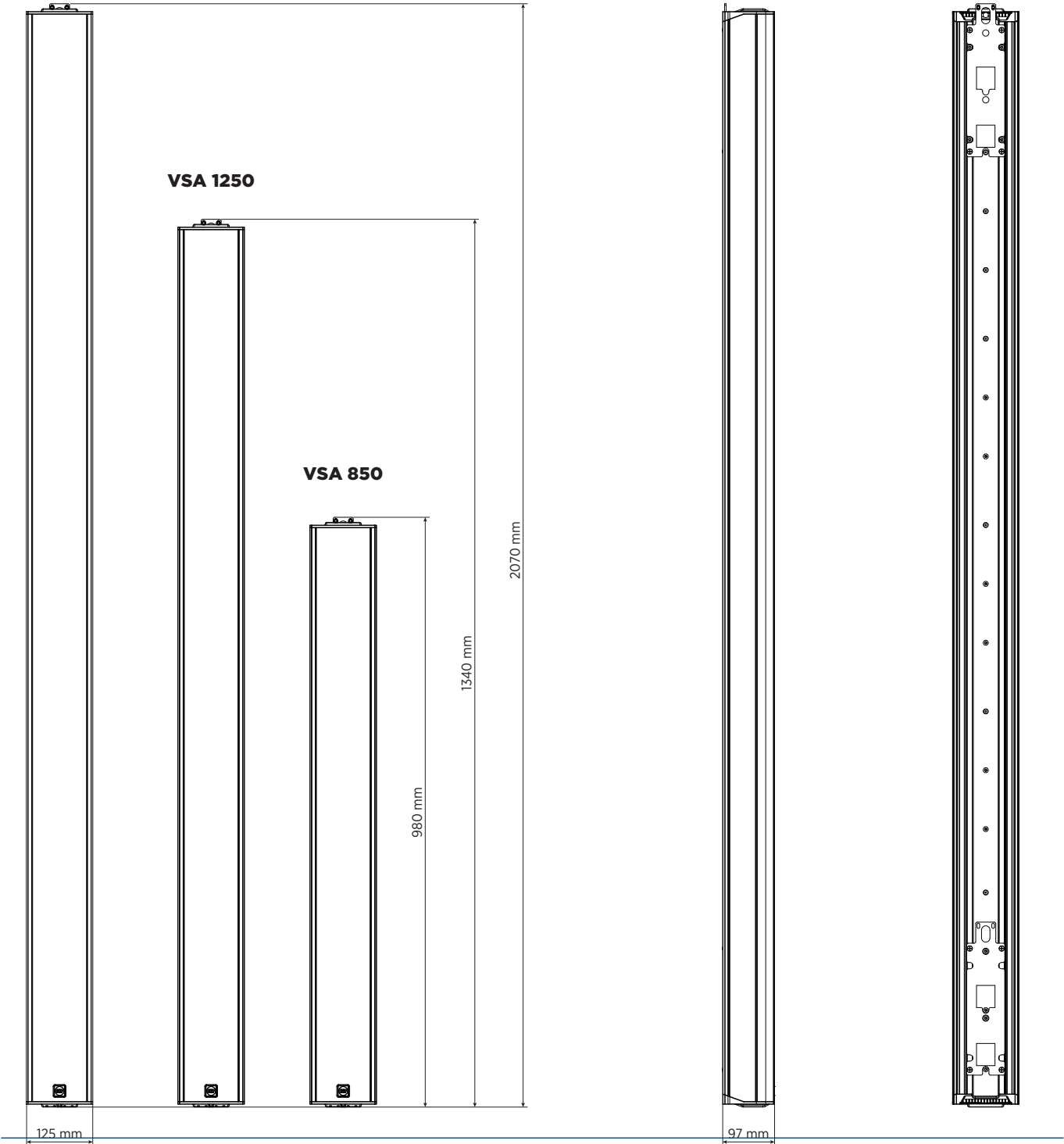
SIDE VIEW

REAR VIEW

VSA 2050

VSA 1250

VSA 850





ACCESSORIES



VSA REMOTE CONTROL

PART NUMBER **13360330**  
EAN: 8024530013110



VSA TA 1000 - TRANSF. ADAPT. 100V TO 0DB

PART NUMBER **13360318**  
EAN: 8024530012878