

# VSA 850 II

## DIGITALLY STEERABLE COLUMN SPEAKER

### DESCRIPTION

The VSA 850 II 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. Full RDNet compatibility.



### FEATURES

- 8 x Class D, 50 W amplifiers
- 93 dB Max SPL (@ 30 m)
- 8 x 3.5" full range neo speakers
- 48 kHz 32 bit signal processing
- Horizontal dispersion 130°
- Vertical Coverage Beam from 10° to 30°
- Vertical Steering from 0° to -40°
- Standard installation accessories included
- Extruded aluminium body
- 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" neo, 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
	RNet	Yes
<b>Power section</b>	Total Power	1300 W Peak, 650 W RMS
	Cooling	Convection
	Connections	VDE
<b>Standard compliance</b>	Safety agency	CE compliant
<b>Physical specifications</b>	Hardware	2 x wall mounting flange
	Color	White - RAL 9003, Black - RAL 9005, Custom color
<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 information</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**

• **13100058**

VSA 850 II B  
115V, Black - RAL 9005  
EAN 8024530018153

• **13100030**

VSA 850 II  
220-240V, Custom color  
EAN 8024530016074

• **13100057**

VSA 850 II B  
220-240V, Black - RAL 9005  
EAN 8024530018146

• **13100029**

VSA 850 II  
115V, White - RAL 9003  
EAN 8024530016067

• **13100033**

VSA 850 II  
115V, Custom color  
EAN 8024530016104

• **13100028**

VSA 850 II  
220-240V, White - RAL  
9003  
EAN 8024530016050

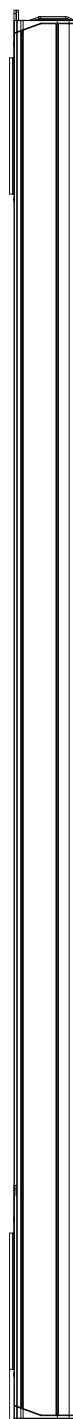
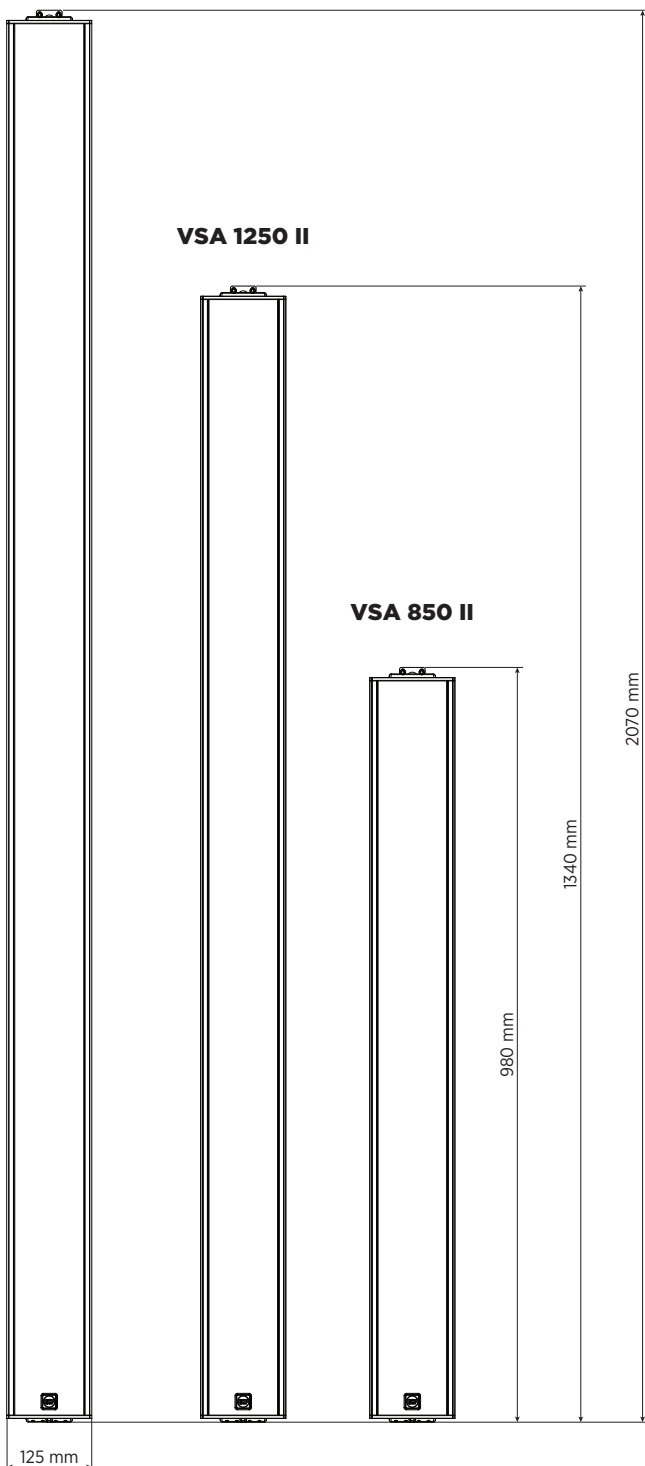
**DRAWINGS**

**FRONT VIEW**

**SIDE VIEW**

**REAR VIEW**

**VSA 2050 II**



97 mm  
104 mm Including bracket

**ACCESSORIES**

SWIVEL BRACKET SWM-BR VSA II

PART NUMBER **13360410**  
EAN: 8024530016111

SWIVEL BRACKET SWM-BR VSA II BLACK

PART NUMBER **13360442**  
EAN: 8024530021801

VSA REMOTE CONTROL

PART NUMBER **13360330**  
EAN: 8024530013110

VSA TA 1000 - TRANSF. ADAPT. 100V TO ODB

PART NUMBER **13360318**  
EAN: 8024530012878