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 amplifiiers
- 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
	RDNet	Yes
Power section	Total Power	1000 W Peak, 500 W RMS
	Cooling	Convection
	Connections	VDE
Standard compliance	Safety agency	CE compliant
Physical specifications	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 information	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

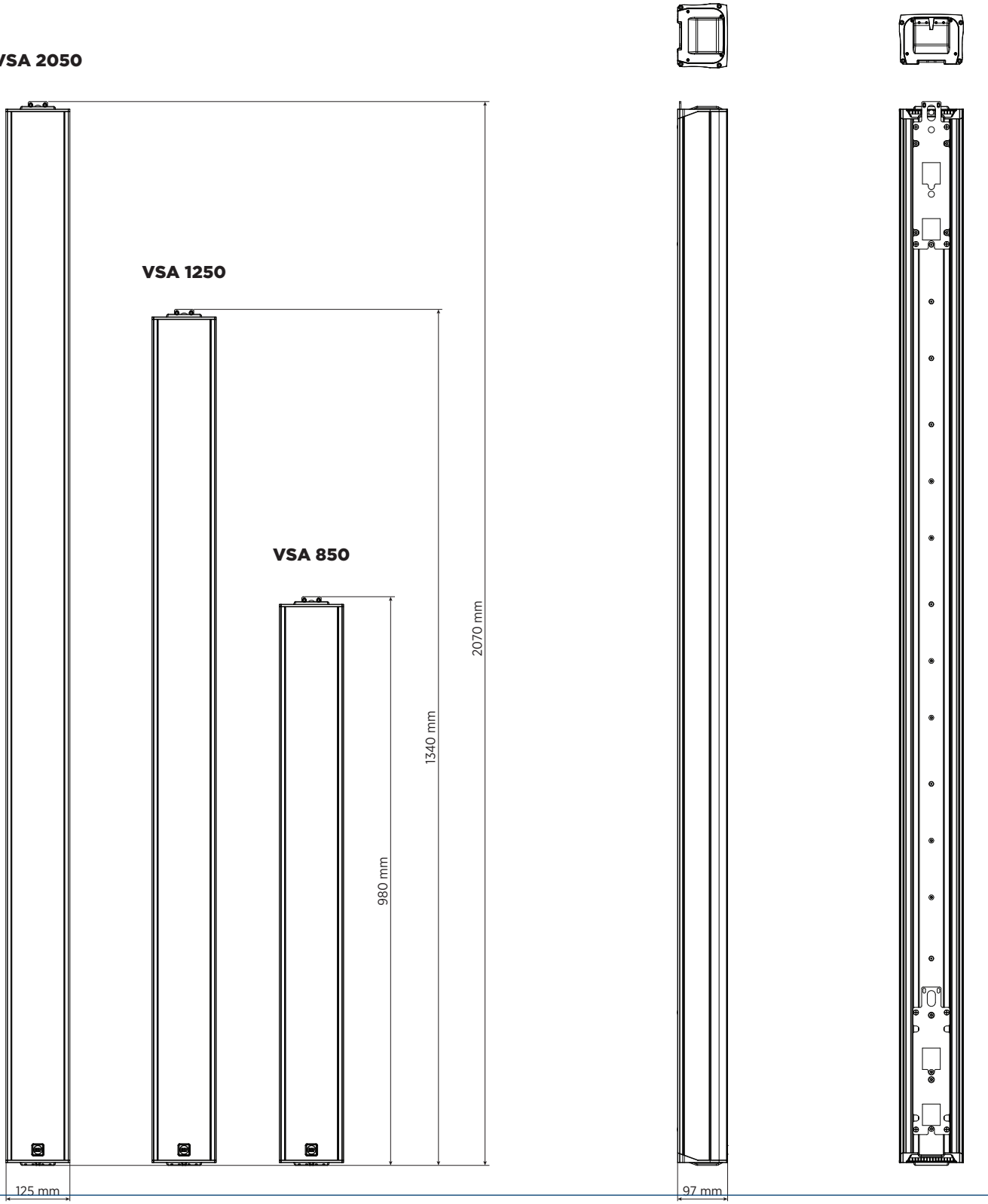
- **13000278**
  VSA 850
  115V, White - RAL 9002
  EAN 8024530009113
- **13000277**
  VSA 850
  220-240V, White - RAL 9002
  EAN 8024530009106

RCF products are continually improved. All specifications are therefore subject to change without notice.

DRAWINGS

FRONT VIEW **SIDE VIEW** **REAR VIEW**

VSA 2050



ACCESSORIES

Swivel Bracket for VSA 2050

PART NUMBER **13360163**
EAN: 8024530007003

VSA REMOTE CONTROL

PART NUMBER **13360330**
EAN: 8024530013110

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

PART NUMBER **13360318**
EAN: 8024530012878