

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
Physical specifications	Hardware	2 x Wall Mounting Flange
	Color	White - RAL 9002, Custom color
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 information	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

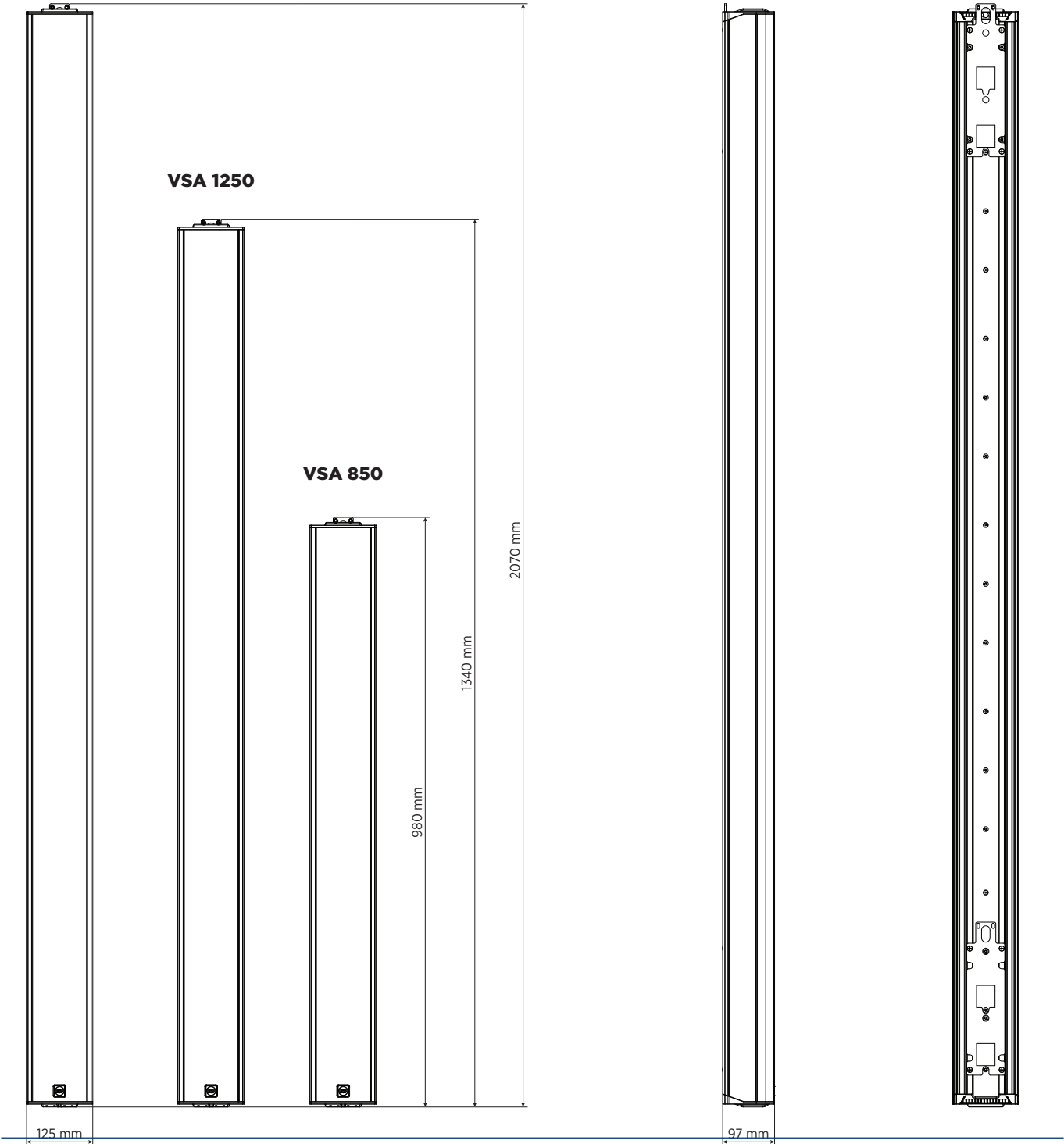
SIDE VIEW

REAR VIEW

VSA 2050

VSA 1250

VSA 850



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 ODB

PART NUMBER **13360318**

EAN: 8024530012878