



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

Part Number

13000277 VSA 850
13000278 VSA 850

220-240 V
115 V

White - RAL 9002 EAN 8024530009106
White - RAL 9002 EAN 8024530009113



VSA 850

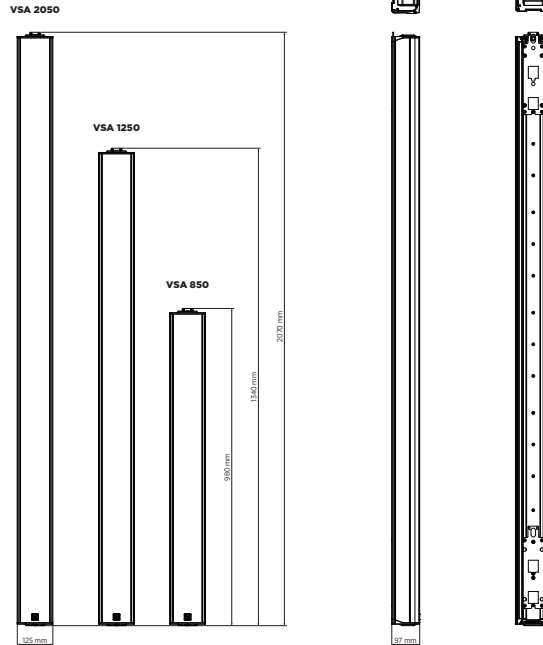
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FRONT VIEW

SIDE VIEW

REAR VIEW

Line Art 2D



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

ACCESSORIES

Electronics

TA1000 VSA 13360318 8024530012878
 VSA SMART RC 13360330 8024530013110

Rigging / Mounting

SWM-BR VSA 13360163 8024530007003