



# 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

## Part Number

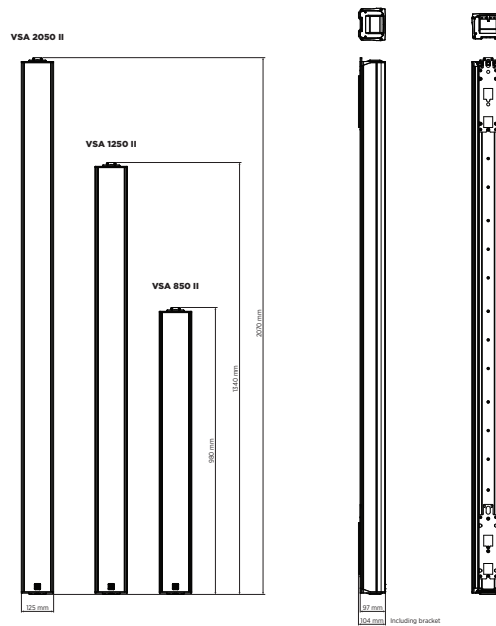
13100028	VSA 850 II	220-240 V	White - RAL 9003	EAN 8024530016050
13100029	VSA 850 II	115 V	White - RAL 9003	EAN 8024530016067
13100030	VSA 850 II	220-240 V	Custom color	EAN 8024530016074
13100033	VSA 850 II	115 V	Custom color	EAN 8024530016104
13100057	VSA 850 II B	220-240 V	Black - RAL 9005	EAN 8024530018146
13100058	VSA 850 II B	115 V	Black - RAL 9005	EAN 8024530018153



# VSA 850 II

DIGITALLY STEERABLE COLUMN SPEAKER

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" neo, 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 1300 W Peak, 650 W RMS  
 Cooling Convection  
 Connections VDE

### Standard compliance

Safety agency CE compliant

### Physical specifications

Hardware 2 x wall mounting flange  
 Color White - RAL 9003, Black - RAL 9005, Custom color

### 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 II	13360410	8024530016111
SWM-BR VSA II	13360442	8024530021801