

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 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**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
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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

CE marking:	Yes
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Physical specifications

Cabinet/Case Material:	Aluminium
Hardware:	2 x wall mounting flange
Color:	White - RAL 9003

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 informations

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• **13100033**

VSA 850 II
115V, Custom color
EAN 8024530016104

• **13100028**

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

• **13100030**

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

• **13100029**

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

DRAWINGS

