



H 1315 WP

THREE WAY INDOOR/OUTDOOR HORN LOADED SPEAKER SYSTEM



Description

The RCFACUSTICA H1315 WP is a three-way full range loudspeaker system that incorporates a 15" woofer, a 10" midrange and a 1.4" exit titanium compression driver for long throw applications. The system is very compact and provides very high output and accurate voice and sound reproduction. The system is equipped with the latest generation of RCF precision transducers, all of them with powerful neodymium motors.

The internal passive filter provides crossover and equalization between the midrange and the compression driver. The system is driven in bi-amped mode, is capable of producing a Max SPL of 136 dB and handles 900 Watts AES (LF) + 400 Watt AES (MF/HF). The loudspeaker enclosure shape is multi-trapezoidal and offers a double coupling angle each side. Connections to the amplifier are made through a watertight multi-pole connector. The grille is in custom perforated aluminum with open-cell fibers and water repellent woven fabric backing. The cabinet is constructed of multi-ply baltic birch plywood and finished in a very resistant, textured, polyurea black paint.

Features

- › 1300 W RMS power handling
- › 136 dB max SPL
- › 50 ÷ 20000 Hz frequency range
- › Fully Horn-loaded, 60° x 40° directivity
- › 15" neodymium woofer, 4.0" v.c.
- › 10" neodymium midrange, 3.0" v.c.
- › 3.0" v.c. neodymium compression driver
- › Active Mosfet Compression Driver Protection
- › Rotable HF Horn

Part Number

13000266 H 1315 WP

8ohm

Black

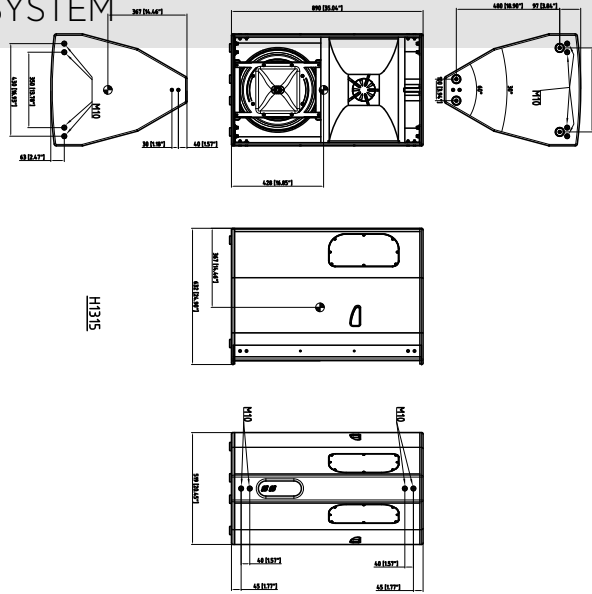
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Line Art 2D



TECHNICAL SPECIFICATIONS

Acoustical specifications

Frequency Response (-10dB)	50 Hz ÷ 20000 Hz
Frequency Response (-3dB)	65 Hz ÷ 20000 Hz
Max SPL @ 1m	136 dB
Horizontal coverage angle	60°
Vertical coverage angle	40°
Directivity index Q	12

Power section

Amplification	Bi-Amp
Crossover Frequencies	Recommended 300 Hz
Nominal Impedance LF	8 ohm
Power Handling LF	900 W
Peak Power Handling LF	3600 W
Sensitivity LF	100 dB
Nominal Impedance MF+HF	8 ohm
Power Handling MF+HF	400 W
Peak Power Handling MF+HF	1600 W
Sensitivity MF + HF	108 dB
Protections MF+HF	Active mosfet compression driver
Crossover Frequencies	1300 Hz
Recommended Amplifiers	QPS 10K, QPS 6.0K, IPS 5.0K

Transducers

Compression Driver	1 x 1.4" neo, 3.0" v.c
Midrange	1 x 10" neo, 3.0" v.c
Woofer	1 x 15" neo, 4.0" v.c

Input/Output section

Input connectors	Amphenol eco/mat IP 67
Output connectors	Amphenol eco/mat IP 67

Standard compliance

Safety agency	CE compliant
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Physical specifications

Cabinet/Case Material	Baltic birch plywood
Hardware	12 x M10 rigging point
Handles	2 recessed
Grille	Steel
Color	Black



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Size	Height	890 mm / 35.04 inches
	Width	519 mm / 20.43 inches
	Depth	632 mm / 24.88 inches
	Weight	52 kg / 114.64 lbs

Rigging / Mounting	ACCESSORIES
	CLUSTER BRACKETS 33183006 C-BR H 1315