

# 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

## TECHNICAL SPECIFICATIONS

<b>Acoustical specifications</b>	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
<b>Power section</b>	Amplification:	Bi-Amp
	Crossover Frequencies:	Recommended 300 Hz
	Nominal Impedance LF:	8 ohm
	Power Handling LF:	900 W
	Peak Power Handling LF:	3600 W
	Recommended Amplifier LF:	1800 W
	Sensitivity LF:	100 dB
	Nominal Impedance MF+HF:	8 ohm
	Power Handling MF+HF:	400 W
	Peak Power Handling MF+HF:	1600 W
	Recommended Amplifier MF+HF:	800 W
	Sensitivity MF + HF:	108 dB
	Protections MF+HF:	Active mosfet compression driver
Crossover Frequencies:	1300 Hz	
<b>Transducers</b>	Compression Driver:	1 x 1.4" neo, 3.0" v.c
	Midrange:	10" neo, 3.0" v.c
	Woofers:	15" neo, 4.0" v.c
<b>Input/Output section</b>	Input connectors:	Amphenol eco/mat IP 67
	Output connectors:	Amphenol eco/mat IP 67
<b>Standard compliance</b>	Safety agency:	CE compliant
<b>Physical specifications</b>	Cabinet/Case Material:	Baltic birch plywood
	Hardware:	12 x M10 rigging point
	Handles:	2 recessed
	Grille:	Steel
	Color:	Black
<b>Size</b>	Height:	890 mm / 35.04 inches
	Width:	519 mm / 20.43 inches
	Depth:	632 mm / 24.88 inches
	Weight:	52 kg / 114.64 lbs
<b>Shipping information</b>	Package Height:	970 mm / 38.19 inches
	Package Width:	780 mm / 30.71 inches
	Package Depth:	650 mm / 25.59 inches
	Package Weight:	61.5 kg / 135.58 lbs

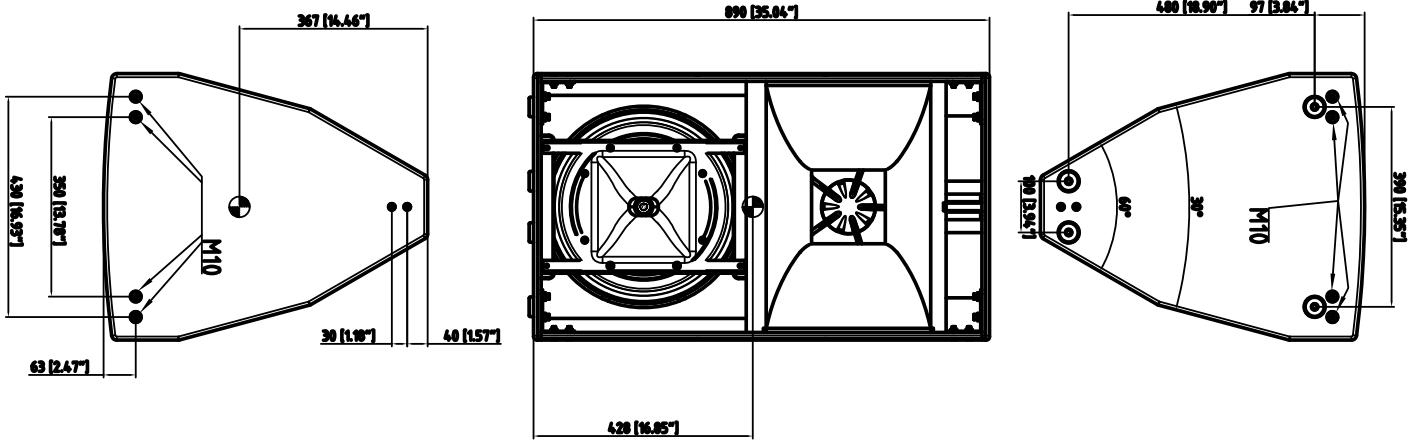


**PART NUMBER**

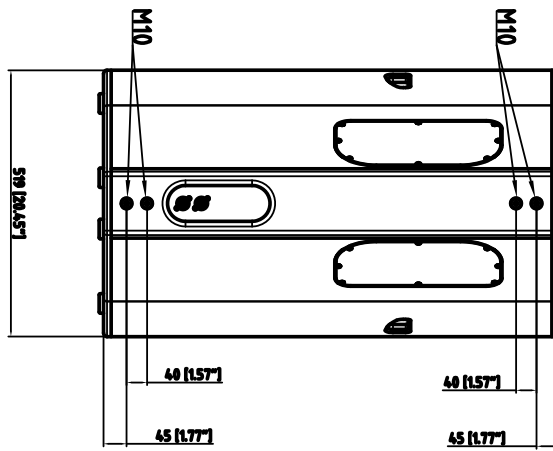
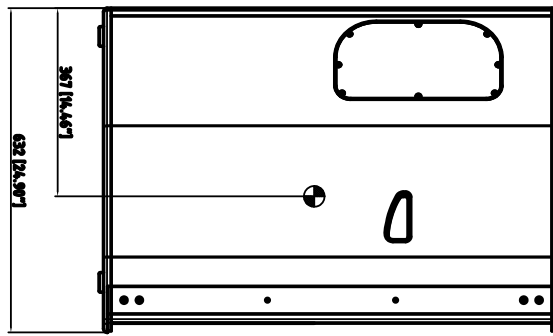
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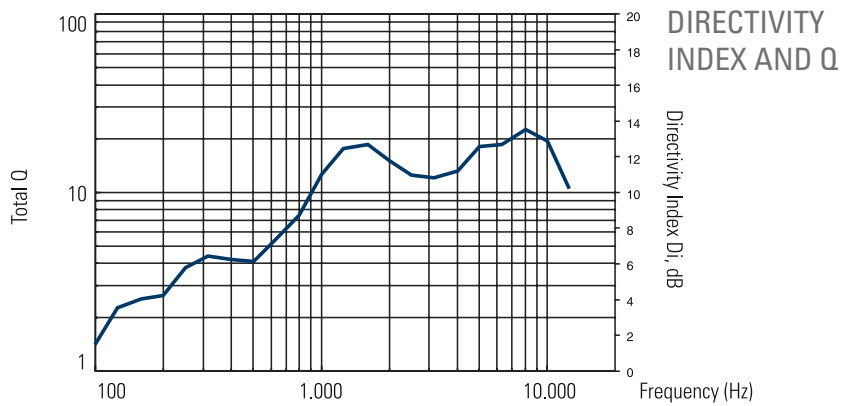
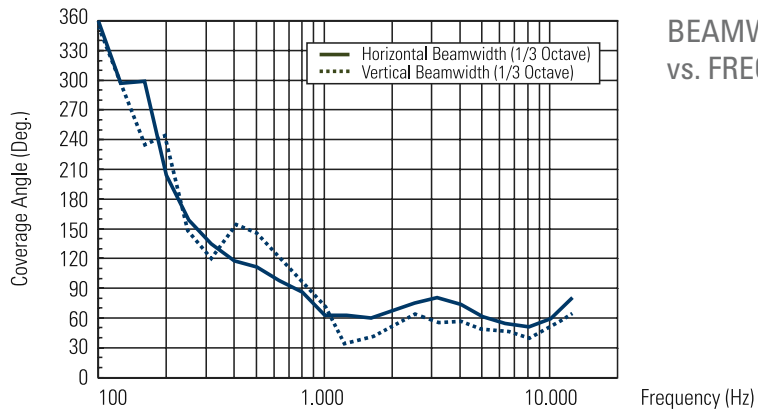
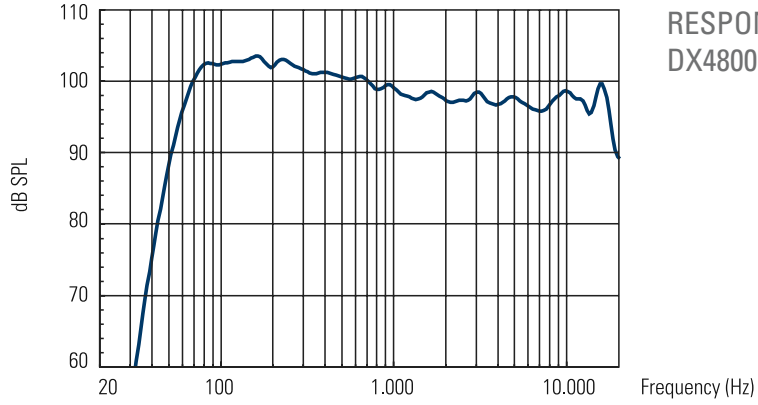
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**ACCESSORIES**



FRAME ASSEMBLY AC CLST H1315

PART NUMBER

**33183006**

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