

# H 1315

## THREE-WAY PASSIVE SPEAKER

### DESCRIPTION

The RCFACUSTICA H1315 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.



### FEATURES

- Compact Arrayable 3-way System
- Fully Horn-loaded, 60° x 40° directivity
- 15" neodymium woofer with 4" voice coil
- 10" neodymium midrange
- 1.4" compression driver
- 136 dB Max SPL
- Bi-amp system (passive crossover MF/HF included)
- Active Mosfet Compression Driver Protection
- Rotable HF Horn
- System input power rating RMS 900 LF, 400 MF/HF

## TECHNICAL SPECIFICATIONS

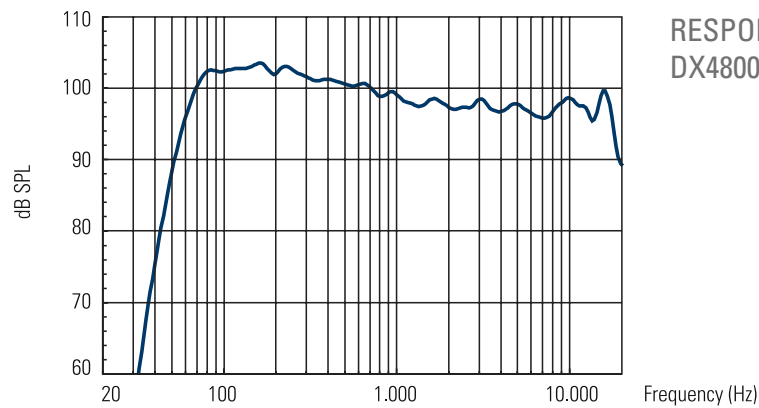
<b>Acoustical specifications</b>	Frequency Response (-10dB):	50 Hz ÷ 20000 Hz
	Frequency Response (-3dB):	65 Hz ÷ 20000 Hz
	Max SPL @ 1m:	136 dB
	Horizontal coverage angle:	60°
	Vertical coverage angle:	40°
	Directivity index Q:	12
<b>Power section</b>	Nominal Impedance (ohm):	8 ohm
	Protections:	Active Mosfet Compression Driver
	Crossover Frequencies:	Reccomended 300 KHz, Internal MF/HF 1300 Hz
<b>Transducers</b>	Compression Driver:	1 x 1.4" neo, 3.0" v.c
	Nominal Impedance (ohm):	8 ohm
	Input Power Rating:	110 W AES, 220 W PROGRAM POWER
	Sensitivity:	109 dB, 1W @ 1m
	Midrange:	10" neo, 3.0" v.c
	Nominal Impedance (ohm):	8 ohm
	Input Power Rating:	300 W AES, 600 W PROGRAM POWER
	Sensitivity:	109 dB, 1W @ 1m
	Woofer:	15" neo, 4.0" v.c
	Nominal Impedance (ohm):	8 ohm
	Input Power Rating:	900 W AES, 1800 W PROGRAM POWER
	Sensitivity:	100 dB, 1W @ 1m
<b>Input/Output section</b>	Input connectors:	Speakon® NL4
	Output connectors:	Speakon® NL4
<b>Standard compliance</b>	CE marking:	Yes
<b>Physical specifications</b>	Cabinet/Case Material:	Baltic birch plywood
	Hardware:	12 x M10 rigging point
	Handles:	2 side
	Grille:	Steel
	Color:	Black
<b>Size</b>	Height:	890 mm / 35.04 inches
	Width:	520 mm / 20.47 inches
	Depth:	632 mm / 24.88 inches
	Weight:	51 kg / 112.44 lbs
<b>Shipping informations</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**

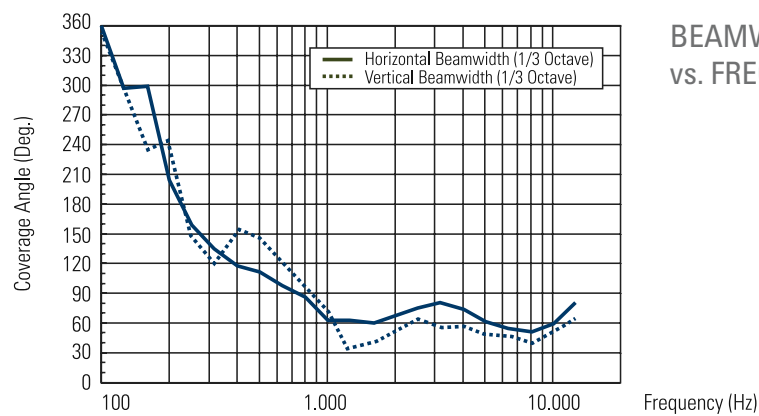
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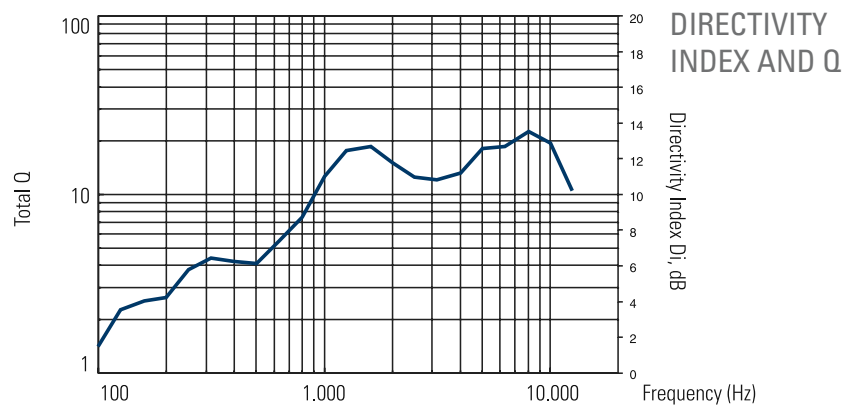
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RESPONSE WITH  
DX4800 PROCESSOR



BEAMWIDTH  
vs. FREQUENCY



DIRECTIVITY  
INDEX AND Q



**ACCESSORIES**



FRAME ASSEMBLY AC CLST H1315

PART NUMBER      **33183006**  
EAN: