

HDL 50-A

ACTIVE THREE-WAY LINE ARRAY MODULE

DESCRIPTION

The HDL 50-A is a true active high power speaker system ready to use touring system for large events, indoors and outdoors. Equipped with 2x12" woofers, 4x symmetrical 6.5" midranges and two 2" drivers, it offers excellent playback quality and high sound pressure levels with a built in 2200W RMS powerful digital amplifier that delivers superior SPL, while reducing energy requirement. Using advanced neodymium magnets and a groundbreaking new housing constructed from lightweight plywood and polypropylene, it has a remarkably low weight for easy handling and flying.



FEATURES

- 4400 Watt, 3 way amplification
- 140 dB max SPL
- 8 x high power neodymium transducers
- 48 kHz, 32 bit DSP processing
- RDNet on board
- Remote monitoring and control
- Symmetrical design
- Extremely low weight

TECHNICAL SPECIFICATIONS

Acoustical specifications	Frequency Response:	40 Hz ÷ 20000 Hz
	Max SPL @ 1m:	140 dB
	Horizontal coverage angle:	90°
	Vertical coverage angle:	10°
Transducers	Compression Driver:	2 x 1.4" neo, 3.0" v.c
	Midrange:	4 x 6.0" neo, 3.0" v.c
	Woofer:	2 x 12" neo, 3.0" v.c
Input/Output section	Input signal:	bal/unbal
	Input connectors:	XLR, RDNet Ethercon
	Output connectors:	XLR, RDNet Ethercon
	Input sensitivity:	+4 dBu
Processor section	Crossover Frequencies:	200 Hz - 800 Hz
	Protections:	Thermal, RMS
	Limiter:	Soft Limiter
	Controls:	Cluster size, HF correction, RDNET
Power section	Total Power:	4400 W Peak, 2200 W RMS
	High frequencies:	1100 W Peak, 550 W RMS
	Mid frequencies:	1100 W Peak, 550 W RMS
	Low frequencies:	2200 W Peak, 1100 W RMS
	Cooling:	Convection
	Connections:	Powercon IN/OUT
Standard compliance	CE marking:	Yes
Physical specifications	Cabinet/Case Material:	Baltic birch plywood
	Hardware:	Integrated Mechanics
	Handles:	2 side, 2 rear
	Grille:	Steel
	Color:	Black
Size	Height:	366 mm / 14.41 inches
	Width:	1171 mm / 46.1 inches
	Depth:	502 mm / 19.76 inches
	Weight:	56 kg / 123.46 lbs
Shipping informations	Package Height:	400 mm / 15.75 inches
	Package Width:	1200 mm / 47.24 inches
	Package Depth:	600 mm / 23.62 inches
	Package Weight:	60 kg / 132.28 lbs

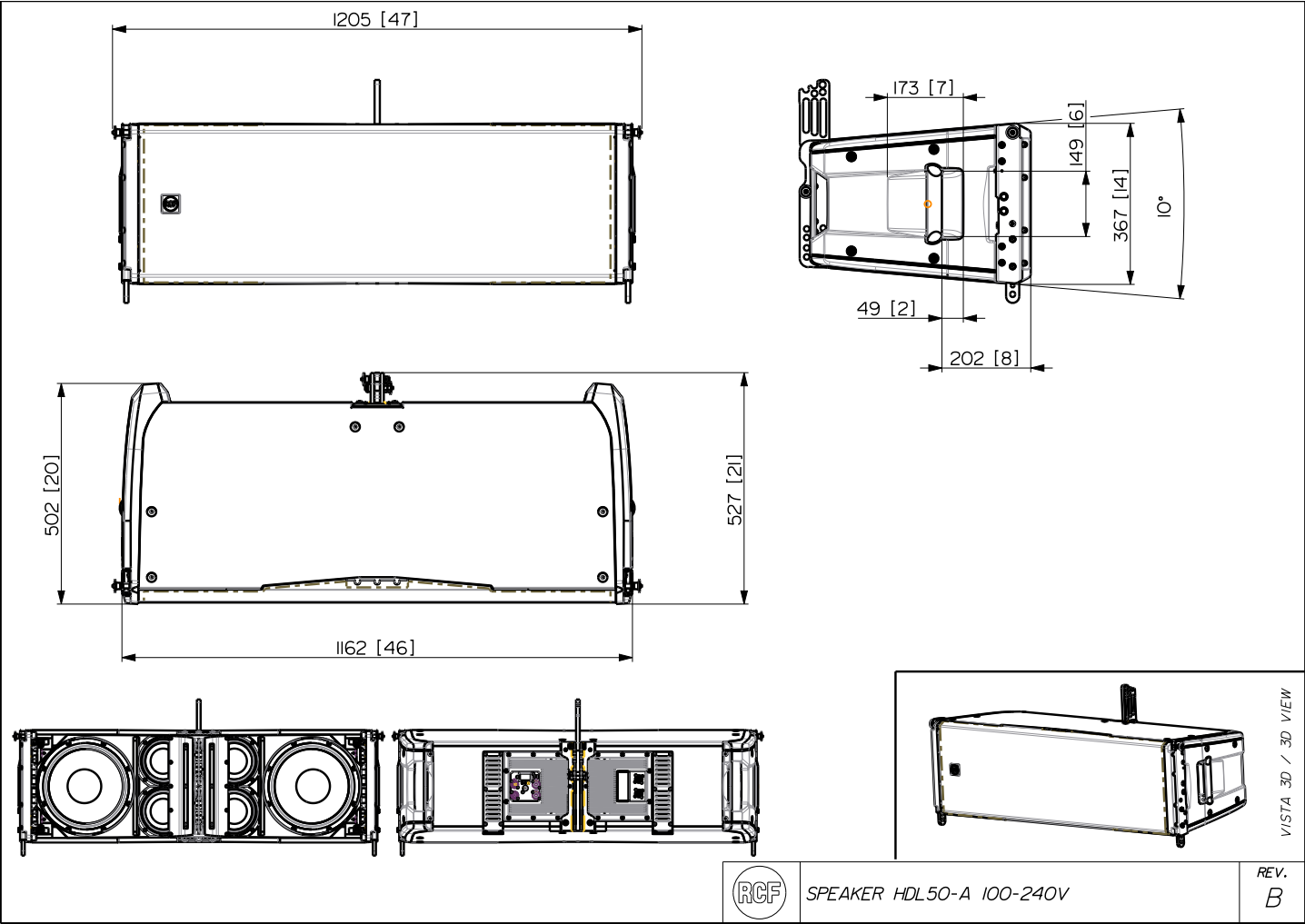
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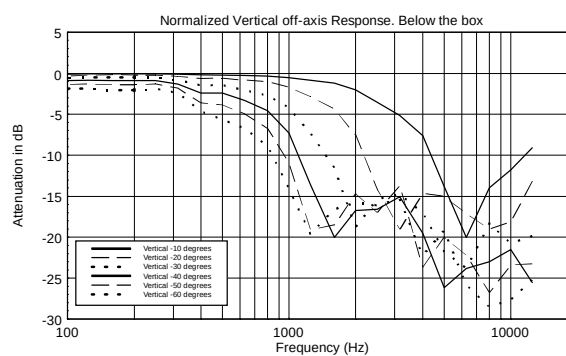
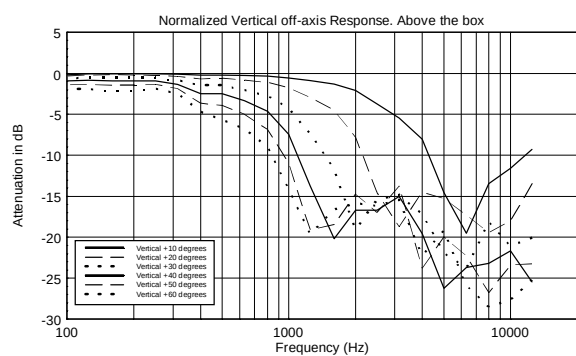
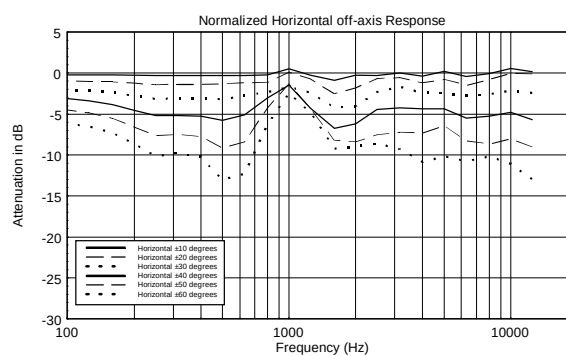
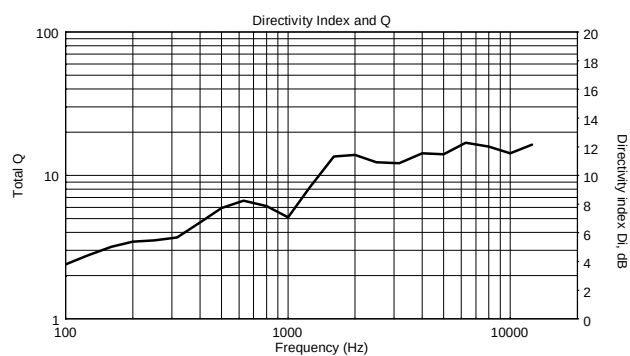
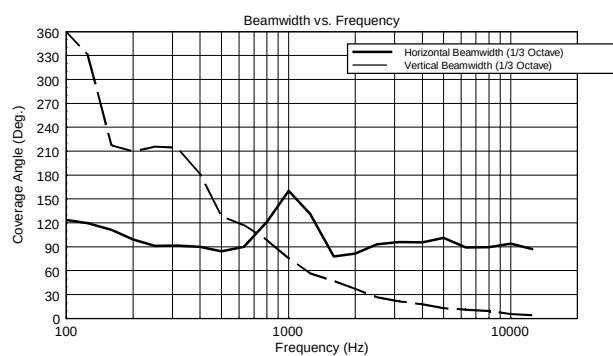
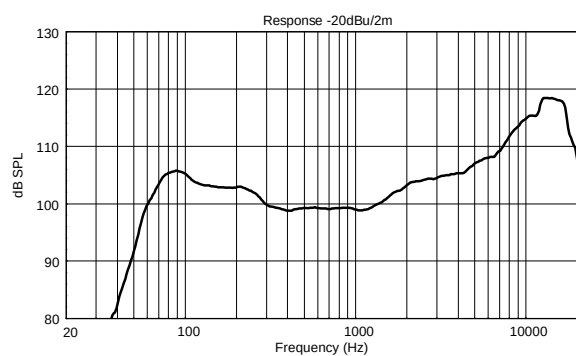
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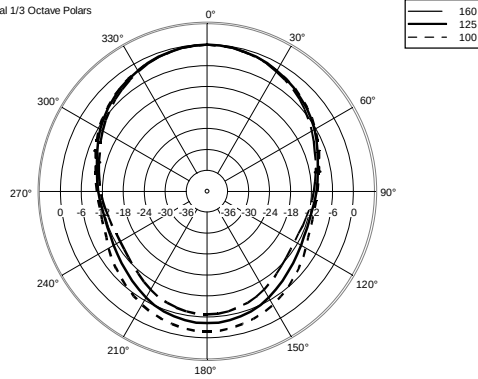
90-240V

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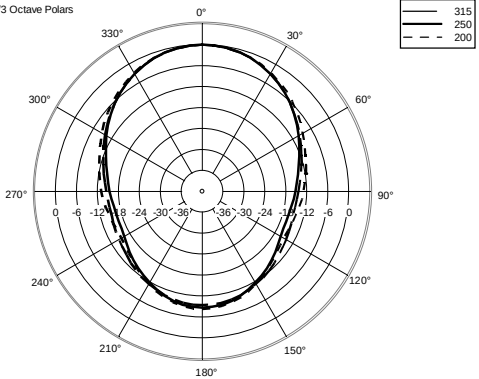




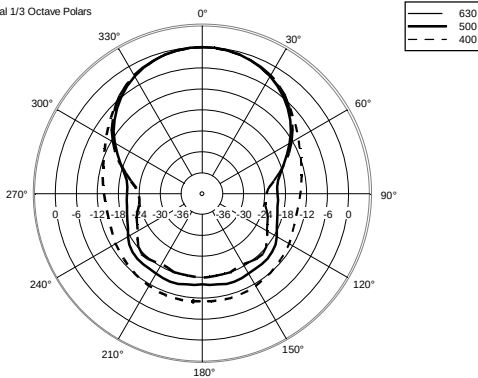
Horizontal 1/3 Octave Polars



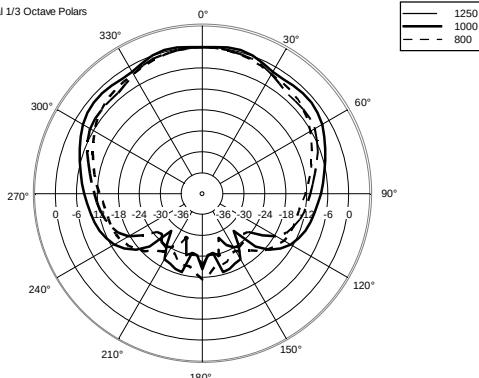
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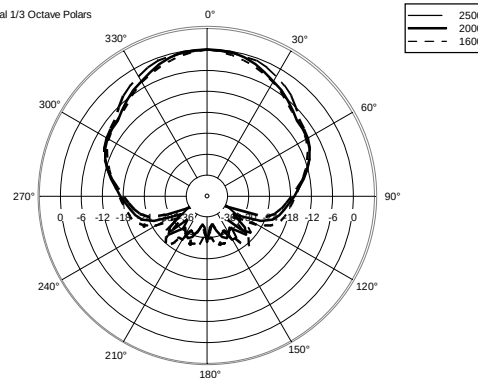
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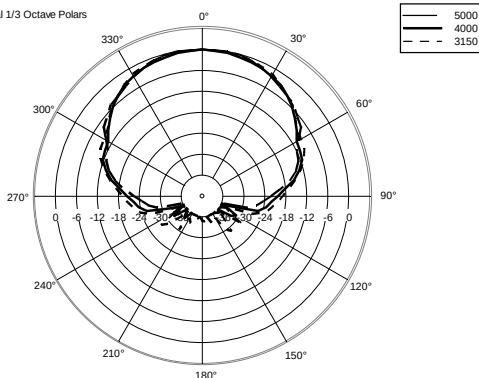
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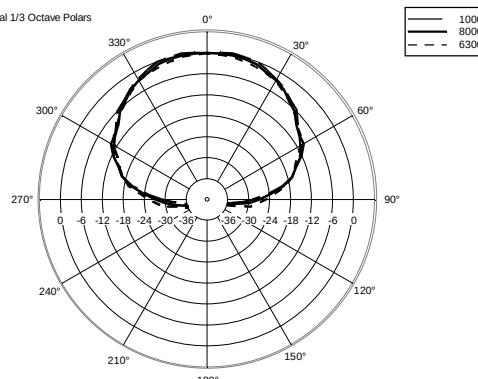
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Horizontal 1/3 Octave Polars



Horizontal 1/3 Octave Polars



Horizontal One Octave Polars

