

# HDL 28-A

## ACTIVE TWO-WAY LINE ARRAY MODULE

### DESCRIPTION

The RCF HDL 28-A is a compact bi-amped 2-way active touring system for a wide range of applications, both indoors and outdoors, with an emphasis on vocal intelligibility. It features two 8-inch woofers and an impressive 3-inch titanium compression driver. The time coherent waveguide is the result of in-depth research and design. Following the HDL 30-A philosophy, the HDL 28-A shares the composite material cabinet, the zero-degree phase and ultra-linear amplitude response. The built-in 2200 watt class-D amplifier delivers excellent playback clarity and up to 135 decibels SPL max. The RCF HDL28-A features state of the art RCF transducers with lightweight neodymium magnets. Considering its acoustical power, it has a remarkably low weight for easy handling and flying.



### FEATURES

- 2200W Two Way Amplifier
- 135 dB Max SPL
- 48 kHz, 32 bit DSP processing
- RDNet Networked Management
- 2 x 8" Neodymium Woofers, 2.5" voice coil
- 1.4" Titanium Compression Driver, 3.0" voice coil
- Exclusive FIRPHASE technology on-board
- 750 Hz Crossover Point

## TECHNICAL SPECIFICATIONS

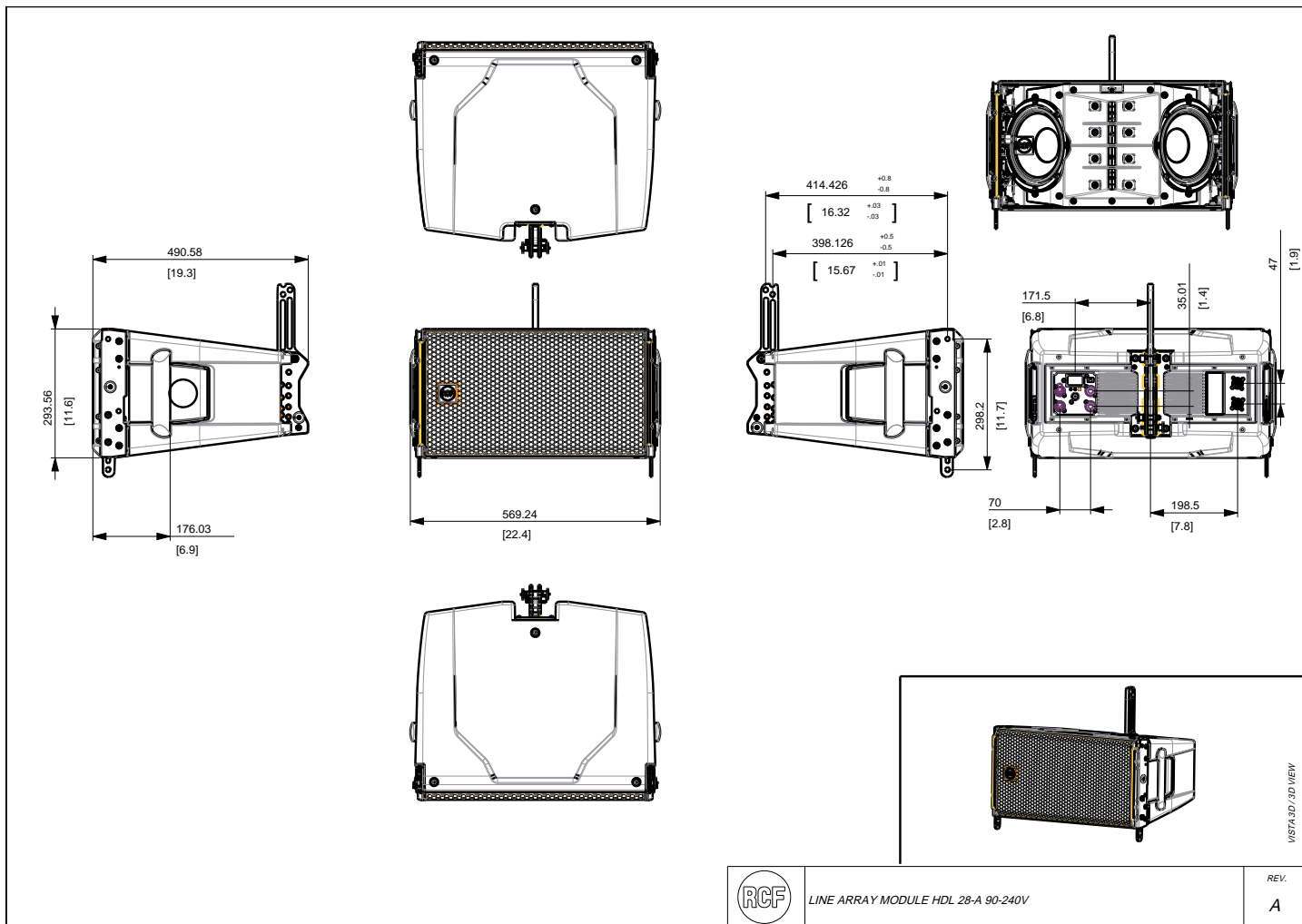
<b>Acoustical specifications</b>	Frequency Response:	50 Hz ÷ 20000 Hz
	Max SPL @ 1m:	135 dB
	Horizontal coverage angle:	100°
	Vertical coverage angle:	15°
<b>Transducers</b>	Compression Driver:	1.4" neo, 3.0" v.c
	Woofer:	2 x 8" neo, 2.5" v.c
<b>Input/Output section</b>	Input signal:	bal/unbal
	Input connectors:	XLR, RDNet Ethercon
	Output connectors:	XLR, RDNet Ethercon
	Input sensitivity:	+4 dBu
<b>Processor section</b>	Crossover Frequencies:	750 Hz
	Protections:	Thermal, RMS
	Limiter:	Soft Limiter
	Controls:	Preset, RDNet bypass
	RDNet:	Yes
<b>Power section</b>	Total Power:	2200 W Peak, 1100 W RMS
	High frequencies:	600 W Peak, 300 W RMS
	Low frequencies:	1600 W Peak, 800 W RMS
	Cooling:	Forced
	Connections:	Powercon IN/OUT
<b>Standard compliance</b>	CE marking:	Yes
<b>Physical specifications</b>	Cabinet/Case Material:	PP Composite
	Hardware:	Array fittings
	Handles:	2 Side
	Grille:	Steel
	Color:	Black
<b>Size</b>	Height:	294 mm / 11.57 inches
	Width:	569 mm / 22.4 inches
	Depth:	491 mm / 19.33 inches
	Weight:	21 kg / 46.3 lbs
<b>Shipping informations</b>	Package Height:	375 mm / 14.76 inches
	Package Width:	650 mm / 25.59 inches
	Package Depth:	500 mm / 19.69 inches
	Package Weight:	24 kg / 52.91 lbs



**PART NUMBER**

- **13000605**  
HDL 28-A W  
White

- **13000579**  
HDL 28-A  
Black  
EAN 8024530016500



LINE ARRAY MODULE HDL 28-A 90-240V

REV.  
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