

# 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. The HDL 36-AS is the ideal flyable bass complement for the HDL 28-A array system.



### 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 x 1.4" neo, 3.0" v.c
	Woofers:	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, White
<b>Size</b>	Height:	294 mm / 11.57 inches
	Width:	569 mm / 22.4 inches
	Depth:	491 mm / 19.33 inches
	Weight:	20.6 kg / 45.42 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:	23.6 kg / 52.03 lbs



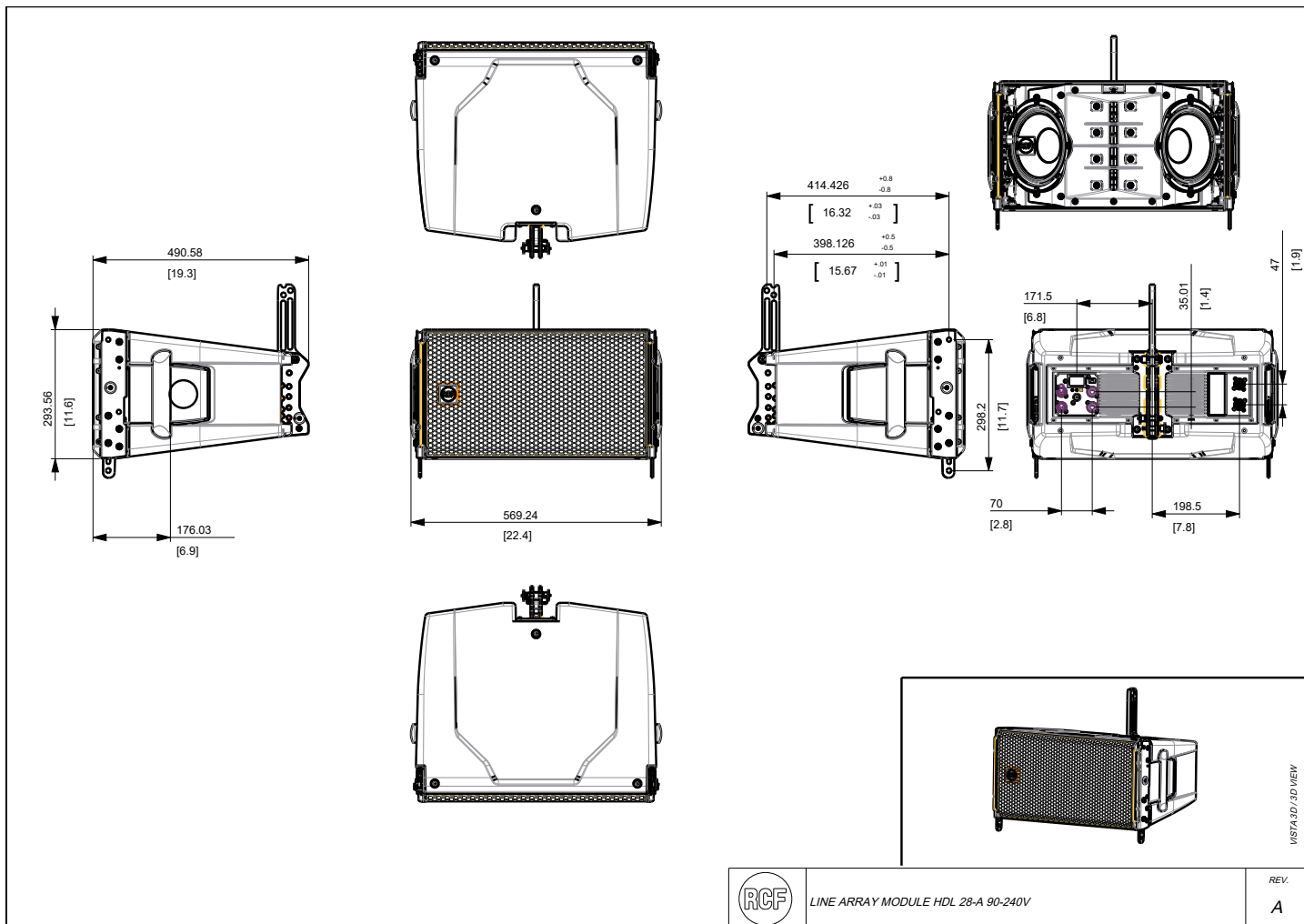
**PART NUMBER**

- **13000579**

HDL 28-A

Black

EAN 8024530016500



LINE ARRAY MODULE HDL 28-A 90-240V

REV. A



**ACCESSORIES**

AC 2X AZIMUT PLATE

PART NUMBER **13360351**  
EAN: 8024530013516

AC POWER CABLE 6X TTL55

PART NUMBER **13360138**  
EAN:

CABLES KIT CBL ETHERCON 0.7M

PART NUMBER **12399016**  
EAN: 8024530013844

CABLES KIT CBL ETHERCON 1.5M

PART NUMBER **12399017**  
EAN: 8024530013851

CABLES KIT CBL ETHERCON 3M

PART NUMBER **12399035**  
EAN: 8024530013868

CABLES KIT CBL ETHERCON 5M

PART NUMBER **12399018**  
EAN: 8024530013875

CABLES KIT CBL ETHERCON TO XLR F 0.2M

PART NUMBER **12399019**  
EAN: 8024530013882

CABLES KIT CBL ETHERCON TO XLR M 0.2M

PART NUMBER **12399020**  
EAN: 8024530013899

CABLES KIT CBL LK 25 MULTIPIN 10M

PART NUMBER **12399023**  
EAN: 8024530013837



CABLES KIT CBL LK 25 MULTIPIN 20M

PART NUMBER **12399022**  
EAN: 8024530013820



CABLES KIT CBL LKS 19 ARRAY FANOUT

PART NUMBER **12399024**  
EAN: 8024530013905



CABLES KIT CBL LKS 19 BREAKOUT

PART NUMBER **12399026**  
EAN: 8024530013929



CABLES KIT CBL LKS 19 POWER 10M

PART NUMBER **12399027**  
EAN: 8024530013936



CABLES KIT CBL LKS 19 SUB FANOUT

PART NUMBER **12399025**  
EAN: 8024530013912



CABLES KIT CBL LKS 25-2 FANOUT

PART NUMBER **12399021**  
EAN: 8024530013813



CABLES KIT CBL POWER BOX 6X

PART NUMBER **13360145**  
EAN: 8024530015534



CABLES KIT CBL POWERCON LINK 0.7M

PART NUMBER **12399031**  
EAN: 8024530013738



CABLES KIT CBL POWERCON LINK 1.5M

PART NUMBER **12399030**  
EAN: 8024530013721



CABLES KIT CBL POWERCON LINK 10M

PART NUMBER **12399028**  
EAN: 8024530013707



CABLES KIT CBL POWERCON LINK 5M

PART NUMBER **12399029**  
EAN: 8024530013714

COVER CVR 4X HDL 28

PART NUMBER **13360422**  
EAN: 8024530016265



FLY BAR FL-B HDL 28

PART NUMBER **13360411**  
EAN: 8024530016258



FLY BAR PICKUP FL-B PK HDL 30

PART NUMBER **13360394**  
EAN: 8024530015220



KART WITH WHEELS KRT-WH 4X HDL 28

PART NUMBER **13360412**  
EAN: 8024530016241



LKS 19-20 POWER CABLE

PART NUMBER **13360146**  
EAN: 8024530013943



QUICK LOCK PIN QL-PIN D9.6 L21.3 4X

PART NUMBER **13360219**  
EAN: 8024530015763



QUICK LOCK PIN QL-PIN D9.6 L26.9 4X

PART NUMBER **13360220**  
EAN: 8024530015770



RAIN PROTECTION RP 1X HDL 30

PART NUMBER **13360388**  
EAN: 8024530015138