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 HDL30-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 to135 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

Part Number

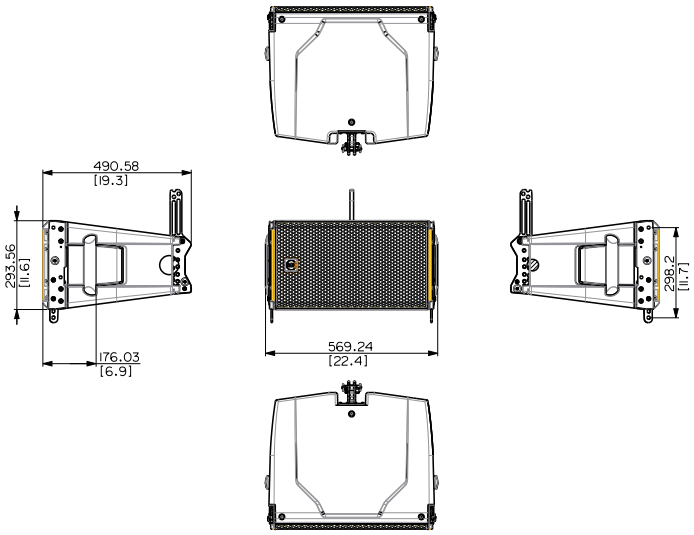
13000579	HDL 28-A	EU	90-240 V	Black	EAN 8024530016500
13000605	HDL 28-A W	EU	90-240 V	White	EAN 8024530017316
13000966	HDL 28-A	US	90-240 V	Black	EAN 8024530023546
13000967	HDL 28-A W	US	90-240 V	White	EAN 8024530023539

Products are continually improved. All specifications are therefore subject to change without notice.

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Line Art 2D



TECHNICAL SPECIFICATIONS

Acoustical specifications	Frequency Response	50 Hz - 20000 Hz
	Max SPL @ 1m	135 dB
	Horizontal coverage angle	100°
	Vertical coverage angle	15°
Transducers	Compression Driver	1 x 1.4'' neo, 3.0'' v.c
	Woofer	2 x 8'' neo, 2.5'' 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	750 Hz
	Protections	Thermal, RMS
	Limiter	Soft Limiter
	Controls	Preset, RDNet bypass
	RDNet	Onboard
Power section	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
Standard compliance	Safety agency	CE compliant

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Physical specifications	Cabinet/Case Material	PP Composite
	Hardware	Array fittings
	Handles	2 Side
	Grille	Steel
	Color	Black, White
Size / Weight	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

ACCESSORIES

Rigging / Mounting	**AZIMUT BRACKETS**		
13360351	AZM-BR 2X	Black	EAN 8024530013516
	FLY BARS		
13360411	FL-B HDL 28	Black	EAN 8024530016258
	FLY BARS PICKUP		
13360394	FL-B PK HDL 30	Black	EAN 8024530015220
	QUICK LOCK PINS		
13360626	QL-PIN 008	Black	EAN 8024530020897
13360627	QL-PIN 009	Black	EAN 8024530020903
13360634	QL-PIN 011	Black	EAN 8024530022433
	STACKING KITS		
13360727	STK60727	Black	EAN 8024530024970
	SUSPENSION CHAINS		
13360129	HOIST SPACING CHAIN CH 001	Black	EAN 8024530020774
Protections	**COVERS**		
13360422	CVR 4X HDL 28		EAN 8024530016265
	RAIN PROTECTIONS		
13360695	RPR60695	Black	EAN 8024530023010
Transportation	**KART WITH WHEELS**		
13360412	KRT-WH 4X HDL 28	Black	EAN 8024530016241
Cables	**CABLES**		
12399019	CBL ETHERCON TO XLR F 0.2M	Black	EAN 8024530013882
12399020	CBL ETHERCON TO XLR M 0.2M	Black	EAN 8024530013899
	CABLES KIT		
13360102	AC XLR 3M3F		EAN 8024530006402
12399016	CBL ETHERCON 0.7M	Black	EAN 8024530013844
12399017	CBL ETHERCON 1.5M	Black	EAN 8024530013851
12399035	CBL ETHERCON 3M	Black	EAN 8024530013868
12399018	CBL ETHERCON 5M	Black	EAN 8024530013875
12399023	CBL LK 25 MULTIPIN 10M	Black	EAN 8024530013837
12399022	CBL LK 25 MULTIPIN 20M	Black	EAN 8024530013820

Cables	12399024	CBL LKS 19 ARRAY FANOUT	Black	EAN 8024530013905
	12399026	CBL LKS 19 BREAKOUT	Black	EAN 8024530013929
	12399027	CBL LKS 19 POWER 10M	Black	EAN 8024530013936
	13360146	CBL LKS 19 POWER 20M		EAN 8024530013943
	12399025	CBL LKS 19 SUB FANOUT	Black	EAN 8024530013912
	12399021	CBL LKS 25-2 FANOUT	Black	EAN 8024530013813
	13360145	CBL POWER BOX 6X	Black	EAN 8024530015534
	12399031	CBL POWERCON LINK 0.7M	Black	EAN 8024530013738
	12399030	CBL POWERCON LINK 1.5M	Black	EAN 8024530013721
	12399028	CBL POWERCON LINK 10M	Black	EAN 8024530013707
	12399029	CBL POWERCON LINK 5M	Black	EAN 8024530013714
	13360138	POWER CABLE X6 TTL 55-A		