

# HDL 20-A Medium Suspended System

## System Configuration

### DESCRIPTION

Medium Suspended System to cover an area of 45 (L) x 35 (W) m with a stage of 12 (W) m.

Arrays are suspended at 6m from ground level. Minimum point is at 4m from the ground level. Direct Sound Pressure level target is 100dB in the range of 400-4000Hz

### SYSTEM SPECIFICATION

5 nos. modules of HDL20-A per side in suspended configuration. DSP settings and relative splay angles are shown in the chart below. Suggested Crossover Frequency 80Hz

## List of Equipment

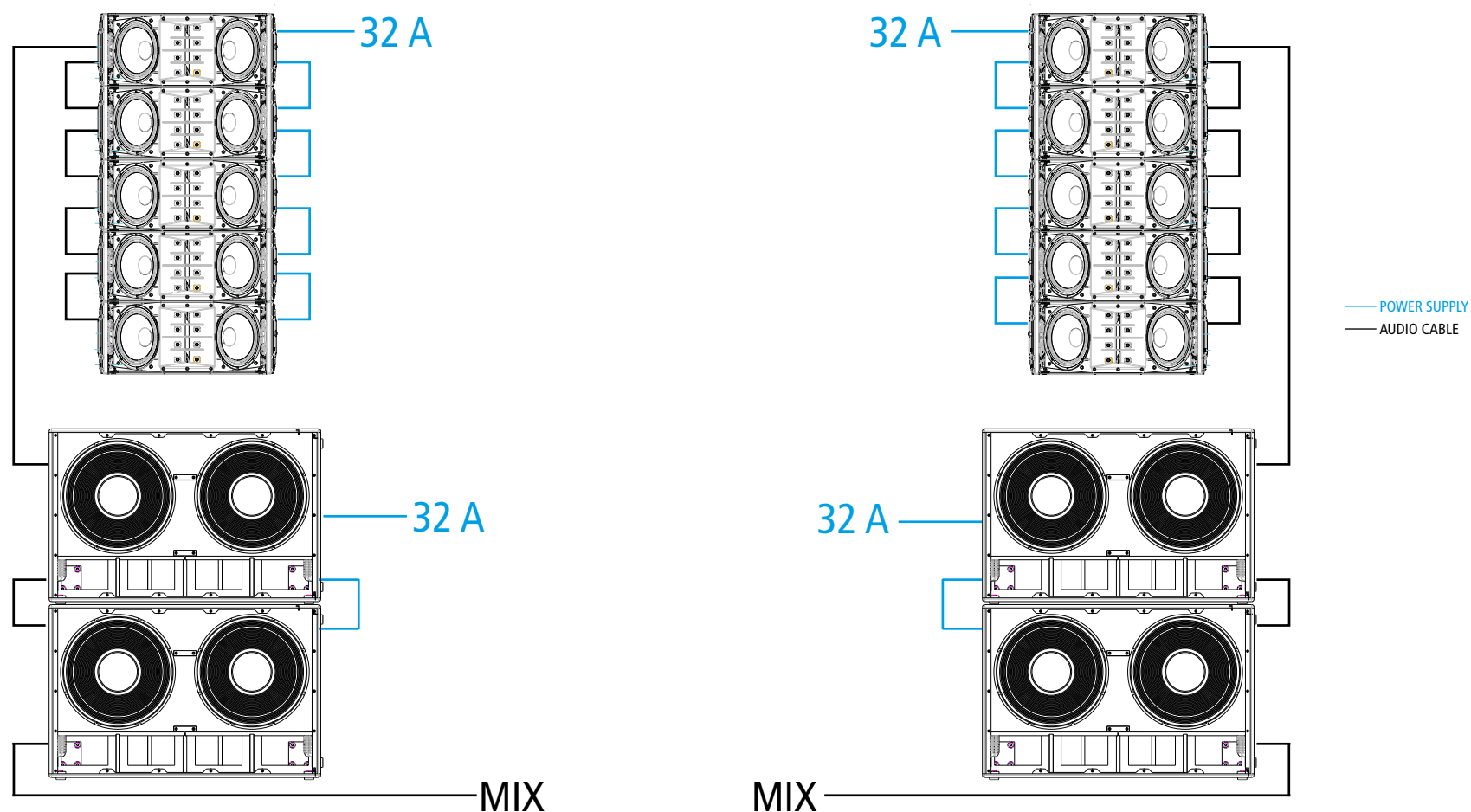
QUANTITY	MODEL	DESCRIPTION	PART NUMBER
10	HDL 20-A	active line array module	13040007 (230V) 13040008 (115V)
4	SUB 8006-AS	active high power subwoofer	13000372 (230V) 13000373 (115V)
2	FLY BAR HDL 20-18	suspending bar for HDL20-A line array system	13360218
14	XLR CONNECTOR	audio connection cable between the boxes	-

## Recommended Accessories

QUANTITY	MODEL	DESCRIPTION	PART NUMBER
10	AC RAIN COVER HDL20-18	rain cover for HDL 20-A and HDL 18-AS amplifiers	13360228
3	KART HDL 20	The heavy duty RCF KART HDL20 can be use to easily transport up to 4 HDL 20-A cabinets	13360223
4	AC PRO WHEELS	Kit no 4 swivel castor, 100mm / 4" Ø wheel with roller bearings	13360238
2	AC 4 PIN HDL 20 FRAME	4 quick frame lock pins kit for HDL 20-A and HDL 18-AS array system	13360222
4	AC 4 PIN HDL 20 FRONT	4 quick front lock pins kit for HDL 20-A and HDL 18-AS array system	13360219

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For its array systems, RCF has developed a dedicated configuration tool "RCF Shape Designer" that allows you to simply get all necessary mechanical and digital-processing set-up data ([http://www.rcf.it/en\\_US/products/touring-and-theatre/rcf-shape-designer](http://www.rcf.it/en_US/products/touring-and-theatre/rcf-shape-designer)).

RCF makes also available on its website all the speaker system data in "GLL" format for predicting the performance of loudspeaker systems in a suggested acoustical environment by using the several AFMG software tools ([www.AFMG.eu](http://www.AFMG.eu)).

RCF Engineering Support Group is at your disposal for any information and clarification you might require [techsupport.pro@rcf.it](mailto:techsupport.pro@rcf.it)

