

RIDER APOLO STAGE



P.A System

Main System.

Speakers system proposal.

Main PA L: 1 x KSL-Sub + 4 x KSL8 + 2 x KSL12

Main PA R: 1 x KSL-Sub + 4 x KSL8 + 2 x KSL12

Floor Subs: 2 x SL-Subs

Outfill L: 1 x 24S

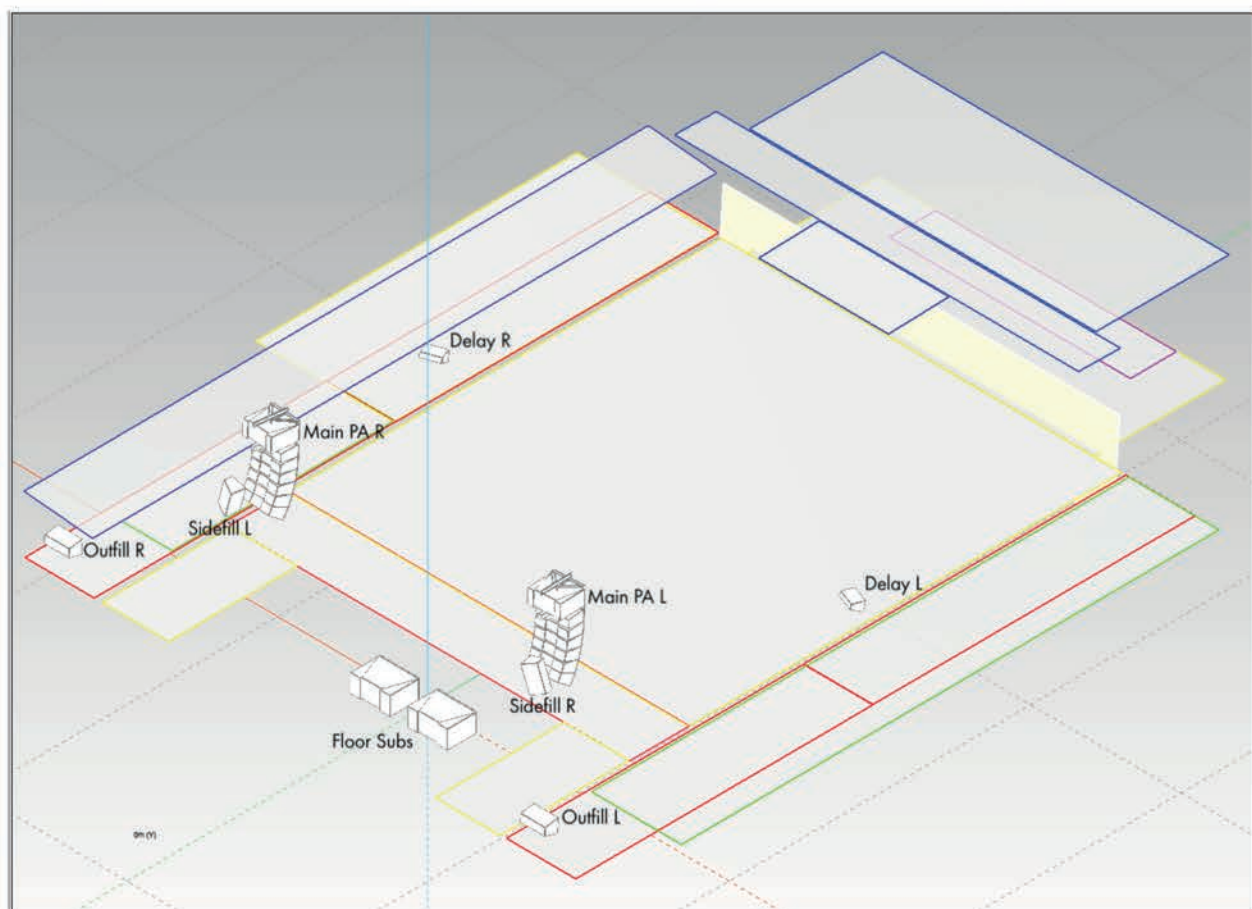
Outfill R: 1 x 24S

Delay L: 1 x 10S

Delay R: 1 x 10S

Sidefill L: 1 x 24S

Sidefill R: 1 x 24S

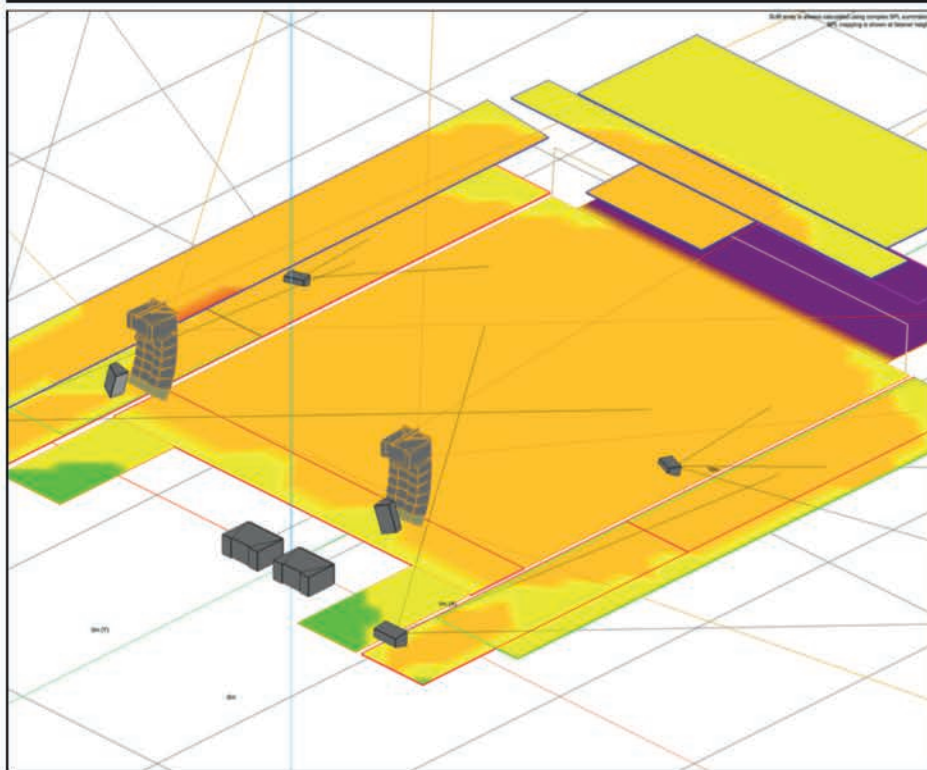


P.A System

direct SPL @ Pink Noise (A)

High resolution.
6dB per colour division

Live(BB pink (A), 0.0 dBu)



SPL calculation

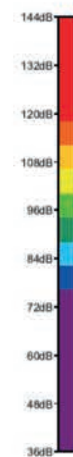
Resolution:	High (1m)
Highest SPL:	112.9 dB

Simulated signal

Level:	0.0 dBu
Signal:	BB pink (A)
Show interferences:	Off

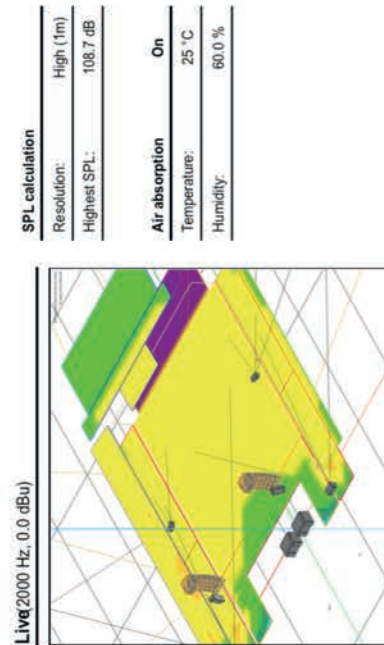
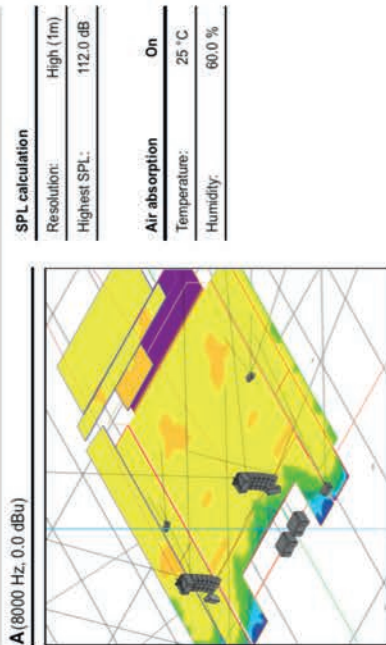
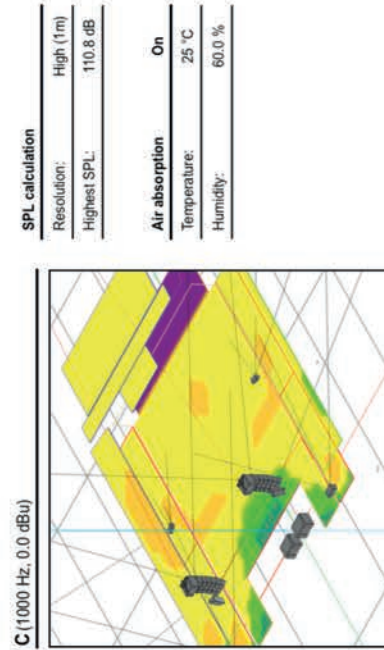
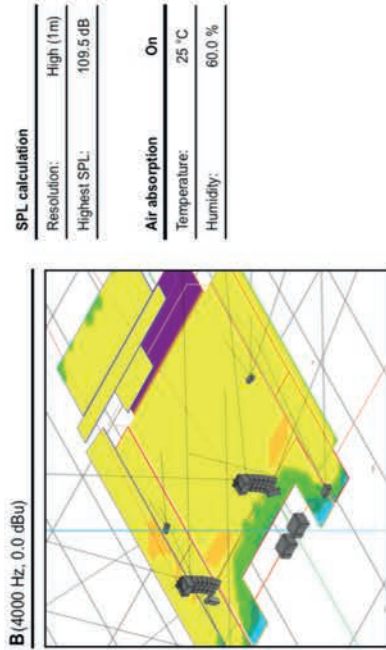
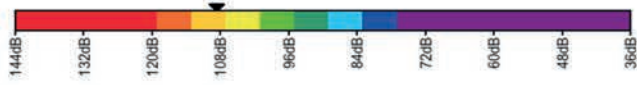
Air absorption

On/Off:	On
Temperature:	25 °C
Humidity:	60.0 %



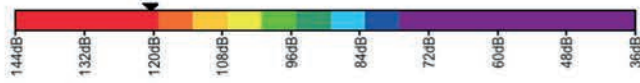
P.A System

SIMULATION PER FREQUENCIES



P.A System

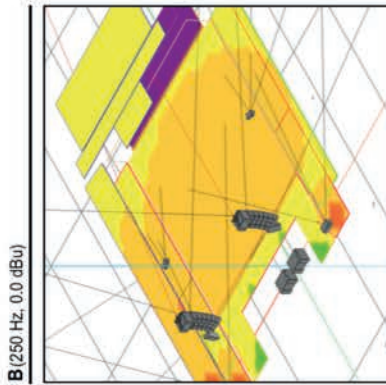
SIMULATION PER FREQUENCIES



SPL calculation

Resolution:	High (1m)
Highest SPL:	116.4 dB

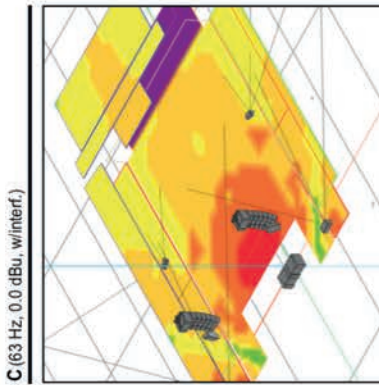
Air absorption	On
Temperature:	25 °C
Humidity:	60.0 %



SPL calculation

Resolution:	High (1m)
Highest SPL:	124.5 dB

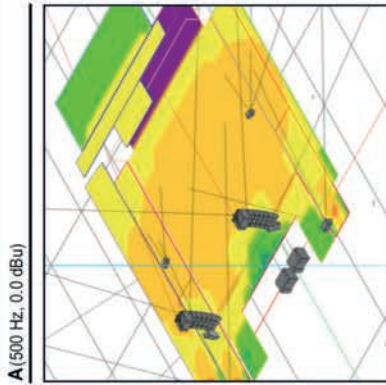
Air absorption	On
Temperature:	25 °C
Humidity:	60.0 %



SPL calculation

Resolution:	High (1m)
Highest SPL:	113.8 dB

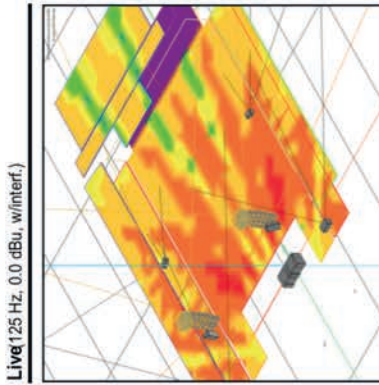
Air absorption	On
Temperature:	25 °C
Humidity:	60.0 %



SPL calculation

Resolution:	High (1m)
Highest SPL:	120.5 dB

Air absorption	On
Temperature:	25 °C
Humidity:	60.0 %



Monitor System

Monitor System

Floor Monitor: 10 MAX2
Drumfills L: 1 x Y7P + 2 x B6SUB
Drumfills R: 1 x Y7P + 2 x B6SUB

Amplification System

# nr	Subsystem		Amp nr.	Amp model	Channel
#1	MAIN L	Flying frame KSL			
#2		KSL-SUB	0.01	D80	AB
#3		Adaptador Rigging KSL-SUB a KLS8/12			
#4		KSL8	0.01	D80	CD
#5		KSL8 (linked)			
#6		KSL8	0.02	D80	AB
#7		KSL8 (linked)			
#8		KSL12	0.02	D80	CD
#9		KSL12 (linked)			
#10	MAIN R	Flying Frame KSL			
#11		KSL-SUB	0.03	D80	AB
#12		Adaptador Rigging KSL-SUB a KLS8/12			
#13		KSL8	0.03	D80	CD
#14		KSL8 (linked)			
#15		KSL8	0.04	D80	AB
#16		KSL8 (linked)			
#17		KSL12	0.04	D80	CA
#18		KSL12 (linked)			
#19	FLOOR SUBS	SL-GSUB	0.05	D80	AB
#20		SL-GSUB	0.05	D80	CD
#21	OUTFILL	24S	0.06	30D	A
#22		Soporte Horizontal Z5554			
#23		24S	0.06	30D	B
#24		Soporte Horizontal Z5554			
#25	SIDEFILL	24S	0.06	30D	C
#26		Adaptador de rigging VP Z5384			
#27		24S	0.06	30D	D
#28		Adaptador de rigging VP Z5384			
#29	DLY BAR PB	10S	0.07	10D	A
#30		Soporte Wall Mount M Z5402			
#31		10S	0.07	10D	B
#32		Soporte Wall Mount M Z5402			
#33	AUDIO NETWORK BRIDGE				
#33	DRUMFILL L	Y7P	0.08	30D	A
#34		2 x B6	0.08	30D	B
#35	DRUMFILL R	Y7P	0.08	30D	C
#36		2 x B6	0.08	30D	D
#37	MONITORS	13 x MAX2	Provided by Apolo		
			TOTAL	5 D80 d&b amplifiers 230D d&b amplifiers 1 10D d&b amplifier 1 DS10 Audio Network	

CONTROL

MIXERS

FOH: MIDAS HERITAGE DH-96 24 cc-tp

MONITORS: MIDAS PRO 2

2 X MIDAS DL 231 24 24 INPUT, 24 OUTPUT ACTIVE MICROPHONE SPLITTER WITH INDEPENDENT PREAMPLIFIERS PER INPUT. MIXERS DO NOT SHARE GAIN.

RECORDING SYSTEM

1 KLARK TEKNIK 9650 DANTE OUTPUT

IN ORDER TO USE THIS SYSTEM THE COMPUTER MUST HAVE INSTALLED DANTE VIRTUAL SOUND CARD AND DANTE CONTROLLER. THIS SOFTWARE ALLOWS RECORDING BY TRACKS WITH ANY RECORDING PROGRAMME (PROTOOLS, CUBASE, LOGIC, ETC.)

MICROPHONES

DYNAMIC MICROPHONES

10 x SHURE SM 58

9 x SHURE SM 57

2 x SHURE BETA 58

2 x SHURE BETA 57

1 x SHURE BETA 52

1 x AKG 112D

1 x AKG 3600

4 x SENHEISER 604

2 x SENHEISER 906

1 x SENHEISER 606

2 x SENHEISER 441

2 x SENHEISER 421

2 x AUDIX D2

2 x AUDIX D4

2 x AUDIX D6

2 x AUDIX I5

2 x AUDIX OM7

CONDENSER MICROPHONES

3 x RHODE NT5

2 x NEWMAN KM 184

3 x SHURE SM 81

2 x SHURE KSM 137

1 x AUDIOTECHNICA AT3031

BOUNDARY MICROPHONES

1 x SHURE BETA 91

1 x SHURE SM91

CONDENSER MICROPHONES FOR INSTRUMENTS

2 x SHURE BETA 98 CON CLIP DE DRUM & CLIP DE VIENTO

3 x DPA 4099 CON: 2 CLIPS DE VIENTO, 2 CLIPS DE VIOLIN, 2 CLIPS DE DRUM,
 2 IMANES DE PIANO, 1 CLIP DE CELLO

WIRELESS MICROPHONES:

2 x SENHEISER EW 500 G3 CON CÁPSULA E965

MICROPHONE STANDS

20 x PIES JIRafa LARGOS

16 x PIES DE JIRafa CORTOS

3 x PIES DE BOMBO

1 x PIE RECTO CON BASE REDONDA

D.I.

D.I.

10 x BSS AR 133 ACTIVAS

2 x RADIAL JDI MONO

2 x RADIAL PRO D2 DI STEREO

1 x RADIAL AV STEREO

1 x RADIAL USB PRO

1 x RADIAL STAGE BUG SB 6 INSOLATOR

CLUB EQUIPMENT

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- 2 x CDJ 2000 nxs
- 4 x PIONEER CDJ 3000
- 1 x DJM-V10
- 1 x Allen & Heath Xone 92
- 1 x Allen & Heath Xone 96