

KUPPEL BASEL

TECH SPECS

Version September 2026

AUDIO

Main PA	2 Arrayable Point Source with 3 Coda APS and 1 flying APS Sub 5 Coda SCN-F Subs under Stage
Dancefloor	2 Arrayable Point Source with 2 Coda N-APS and 1 flying N-Sub
Delays	3 Coda N-APS for balcony
Monitoring	6 Coda Cue Two 1 Coda G15 Sub 2 Coda HOPS8i as Sidefill
Speaker Amps	6 Coda Linus 12C, 4x 3000 W @ 4 Ω 1 Coda Linus 14D, 4x 3500 W @ 4 Ω
Mixing Console	1 Yamaha CL5 Dante I/O, 8 analog inputs, 8 analog outputs 24 Mix Buses 8 Matrices
Stagebox	1 Yamaha Rio 3224-D2 Dante I/O, 32 analog inputs, 16 analog outputs
Connectivity	1 Central Ethernet patchbay in server rack 2 Cat5e ports stage left back 2 Cat5e ports stage right back 4 Cat5e ports in floor port at FOH (for sound & light) 3 Cordial Multipin Stageboxes 14 In / 4 Out 10m (house system only) 2 Stageboxes 10 In / 2 Out 10m

Microphones	4	Shure ULX-D SM58
	1	Shure ULX-D K51 with DH5T/O-MTQG DuraPlex Headset or DL4B/O-MTQG-A Lavalier
	1	Shure BETA 91A
	1	Shure BETA52A
	4	Shure SM57-LC
	2	Shure BETA 57A
	6	Shure SM58-LC
	4	Sennheiser e904
	2	Sennheiser e906
	4	Rode NT5
	1	DPA 4099-DC-2-199-Trumpet
	1	DPA 4099-DC-1-199-Saxophone
	1	DPA 4099-DC-1-199-Violin
Misc	3	Radial Pro D2 DI
	2	Radial Pro 48 DI
	2	Radial Pro DI
	1	Radial Catapult RX4L Audio over Ethernet
	1	Radial Catapult TX4L Audio over Ethernet
	12	large K&M mic stands
	8	small K&M mic stands
		Sufficient XLR, Speakon, power, ethernet cables and power strips in different lengths
DJ Equipment	1	Pioneer DJM-A9
	3	Pioneer CDJ-3000
	2	Technics SL-1210 MK7 black
Level meter	1	AMiX AFF18-3, displays Leq over 1 second, 15 minutes and 60 minutes
		$L_{eq60min} = 100dB(A)$
		$L_{eq60min} = 120dB(C)$

LIGHT

Fixtures	5	Robe Robin Painte 6700K, 8° - 48° Zoom
	14	Robe Cuete 120W LED Moving Head
	12	Robe LEDBeam 150,7 x 40W RGBW, CMY, CTO, 3.8° - 60° Zoom
	4	CLF Nero Wash / Strobe tilt light as floor lights
	6	FresneLED Hyperion 200 Watt WW, CRI 95, 14 - 81° Zoom
	4	Ignition 2bright Blind 3K
	1	Showtec LED Pinspot Q4 with 15W RGBW LED Source 3.2°
	1	Disco ball Ø 120cm on MCU 400D motor controller
Hazer	1	Smoke Factory Tour-Hazer II-S
	1	Smoke Factory Data II
Controller	1	MA lighting GrandMA3 Compact
	1	MA Lighting GrandMA3 onPC (for club/party/house presets)
	2	Luminex LumiNode 4 Ethernet-DMX Gateway PoE
	1	House lights on Universes 1-4 and 8, guest lights 5-7
	1	Luminex LumiSplit 2.10 DMX/RDM Splitter
		Luminex GigaCore 12 19"-Switch 1 Gbps
Connectivity	1	Central Ethernet patchbay in server rack
	2	Cat5e ports downstage left
	2	Cat5e ports downstage right
	4	Cat5e ports in floor port at FOH (for light & sound)
		Additional Cat5e ports everywhere in the whole venue
Power	2	CEE 32A
	2	CEE 16A

MVR file on request for external productions.

See end of PDF for DMX patch and stage plot.

All lamps are fixed and cannot be moved.

Backdrop truss is available. Alternative: Projection

Front, mid and back lights are on movable trusses.

VIDEO

Projector

- 1 Panasonic PT-RZ120BE 1-Chip Laser DLP Projector
Projection distance 11 meters, width 5.5 meters
- 1 Lightware MMX6x2-HT210
6x2 multiport matrix switcher with HDMI and TPS ports
- 2 Lightware HDMI-TPS-TX96
HDMI to Ethernet/TPS

STAGE

Dimensions

Area: 27.5m² or 31.5m²

Depth: 435cm

Width: 838cm (widest point), 469cm (narrowest point)

Height: 60cm

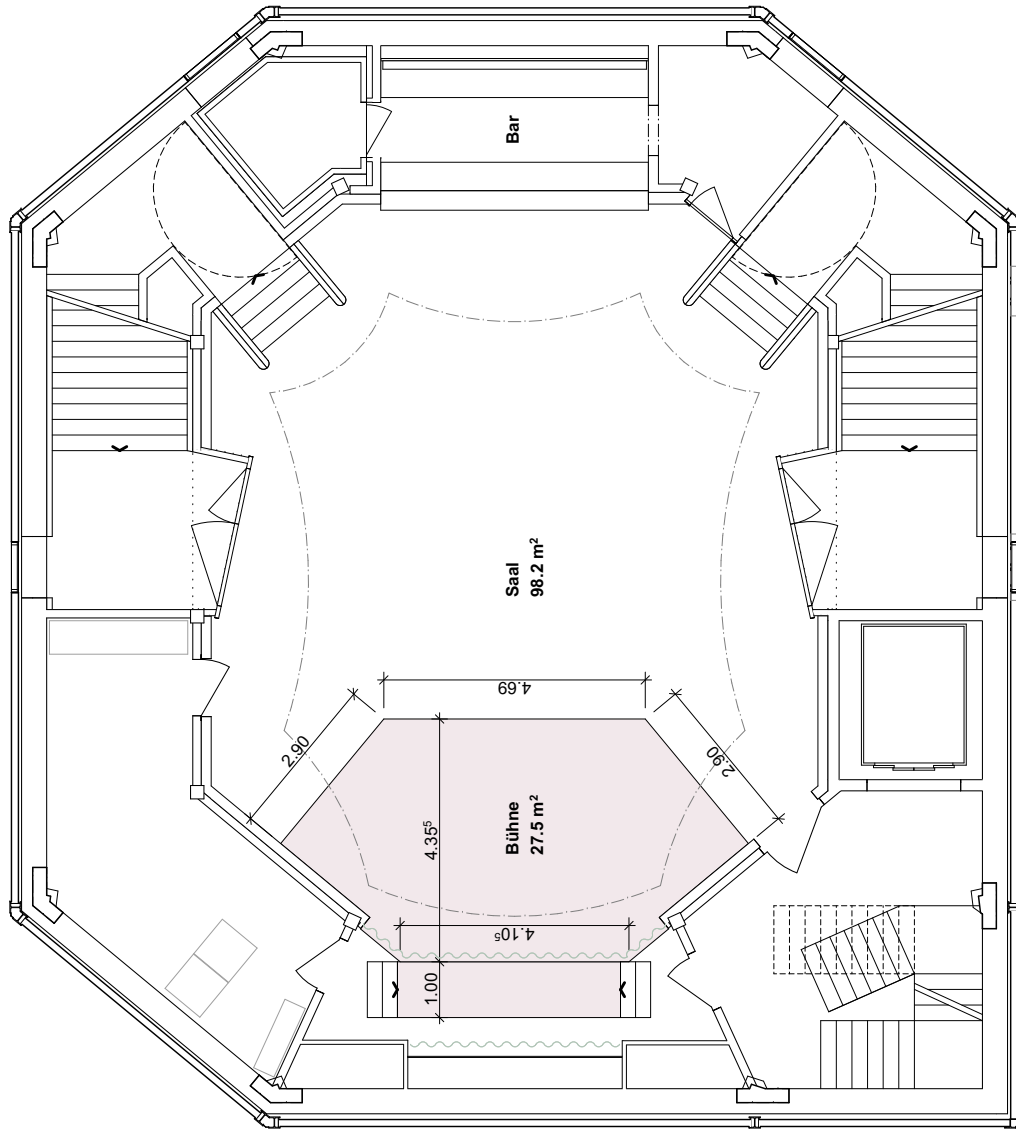
Riser

- 5 200cm x 100cm Büttec
- 2 200cm x 90cm Büttec
- 1 100cm x 100cm Büttec
- 2 100cm x 90cm Büttec
- 1 50cm x 50cm Büttec

Heights between 20cm and 90cm available

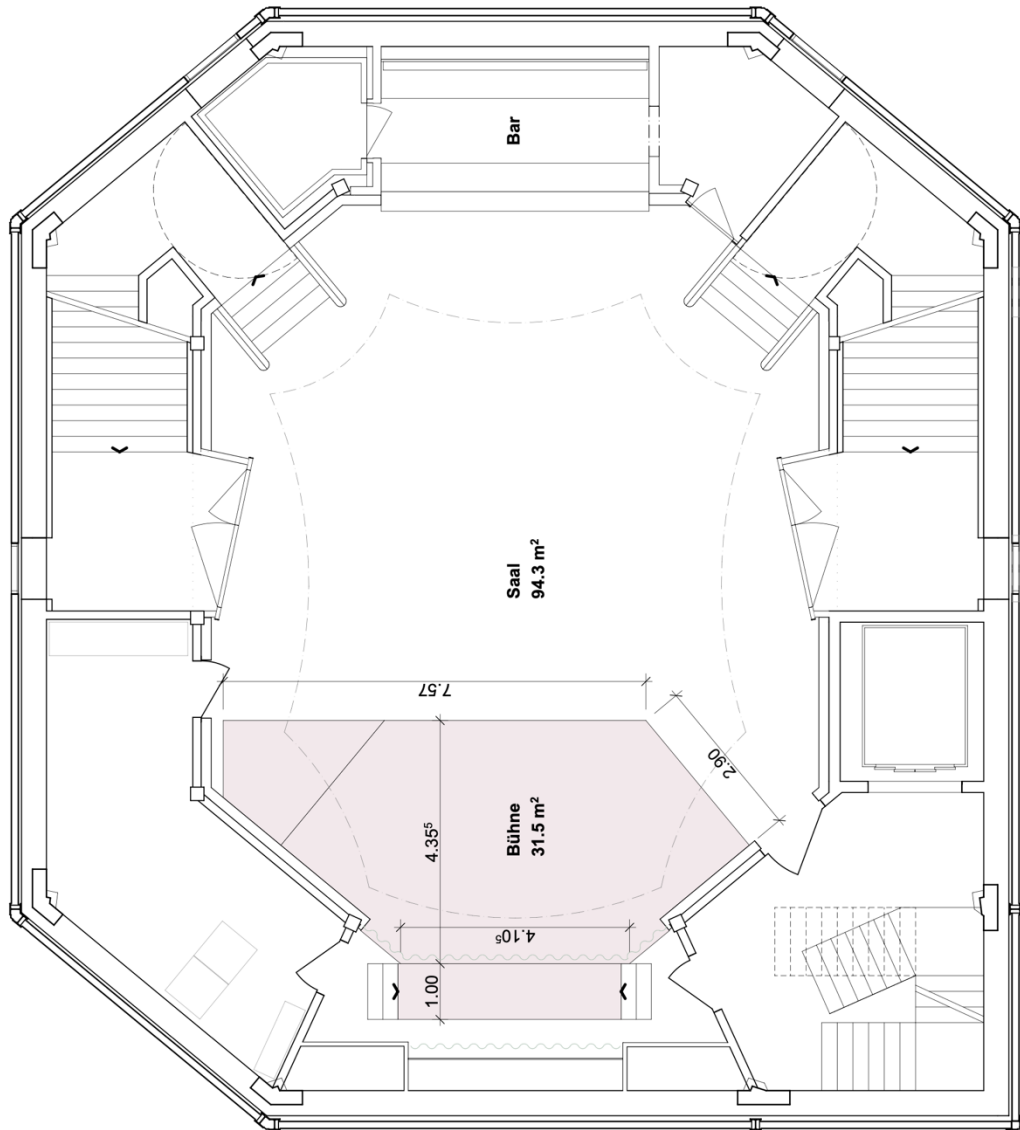
STAGE

Normal version: 27.5 m²



Kuppel Basel
1. Obergeschoss
Variante Standard

Enlarged version: 31.5 m²

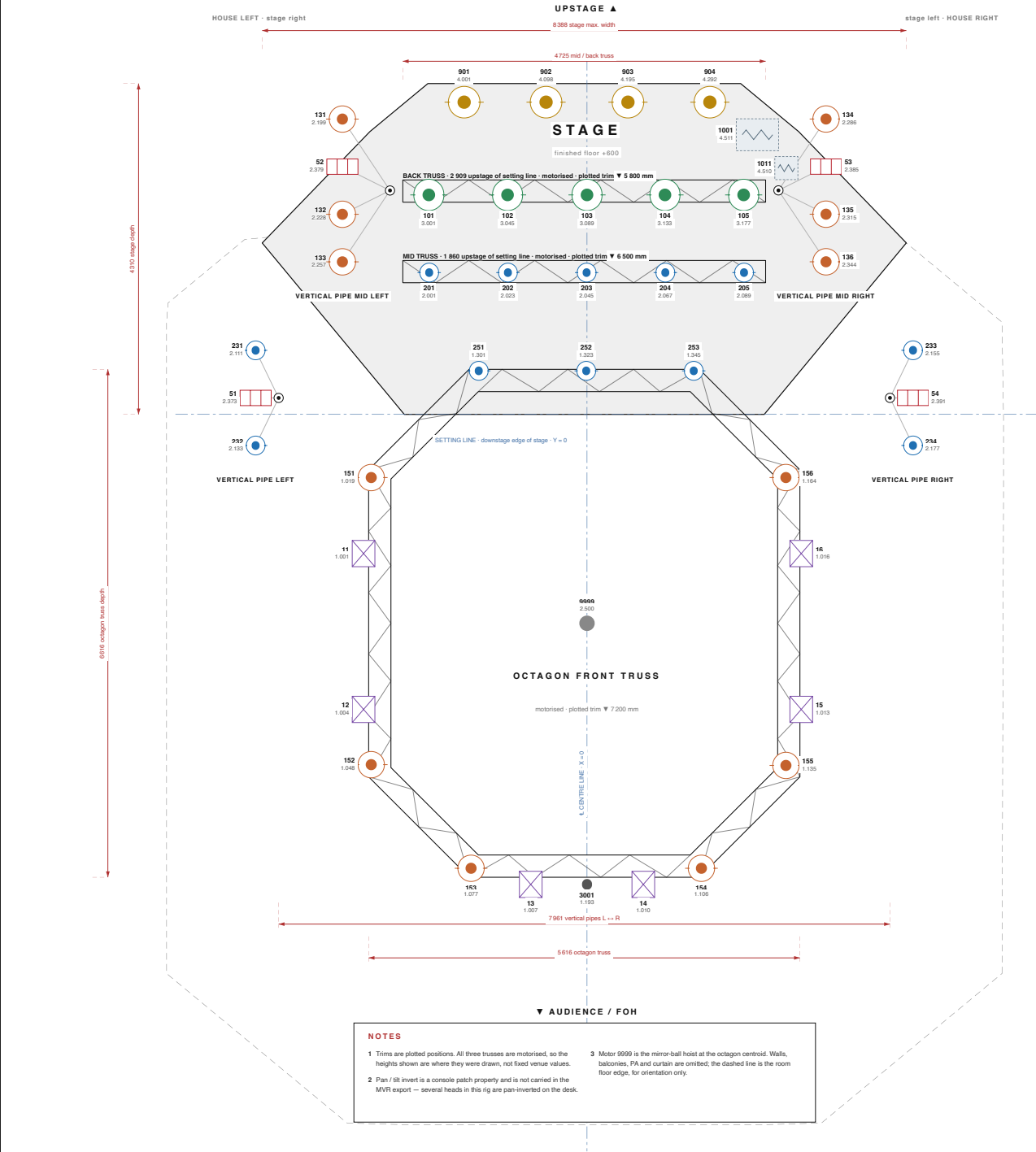


Kuppel Basel
1. Obergeschoss
Variante Plus

0 1 2 5 m

VENUE PHOTOS





PLAN - 1:40 at A2 - dimensions in mm - X from venue centre line, Y from setting line - viewed from above, upstage at top

SCALE
1:40 at A2

UNITS
millimetres

FIXTURES
47 - all set

SHEET
1 / 3

LEGEND — FIXTURE TYPES

Robe LEDBeam 150 RGBA
moving head - wash beam

12

Robe Cuete
moving head - beam

12

Robe Painte
moving head - spot

5

FresnelLED Hyperion 200 WW
fresnel - warm white

6

Ignition 2Bright Blind 3K
blinder - 2-cell

4

CLF Nero
moving head - floor

4

Showtec Pinspot Q4
pinspot - mirror ball

1

Smoke Factory Tour Hazer II
hazer

1

Smoke Factory Fast Fog
fog machine

1

Motor - Controller MCU 400 D
hoist controller

1

POSITIONS

POSITION	TRIM / RANGE	TYPE	N
Octagon Front Truss	▼ 7 200	motorised	16
Mid Truss	▼ 6 500	motorised	5
Back Truss	▼ 5 800	motorised	5
Vertical Pipe Left	3 028 – 7 423	fixed	3
Vertical Pipe Mid Left	3 028 – 7 023	fixed	4
Vertical Pipe Mid Right	3 028 – 7 023	fixed	4
Vertical Pipe Right	3 028 – 7 423	fixed	3
Floor	+810 / +750	deck	6
Ceiling	+8 077	hoist	1

DATA KEY

251
1 301

—

fixture ID — unit number as patched

—

DMX universe - address

Symbols are drawn at true physical footprint, so they scale with the drawing.

0123456

metres

VENUE

KUPPEL BASEL

LIGHTING PLOT — SHEET 1 : PLAN

Nachtgallenwäldli 9, 4051 Basel, Switzerland
Technical contact — Luka Wartmann
luka.wartmann@kuppel-basel.ch · +41 78 612 34 59

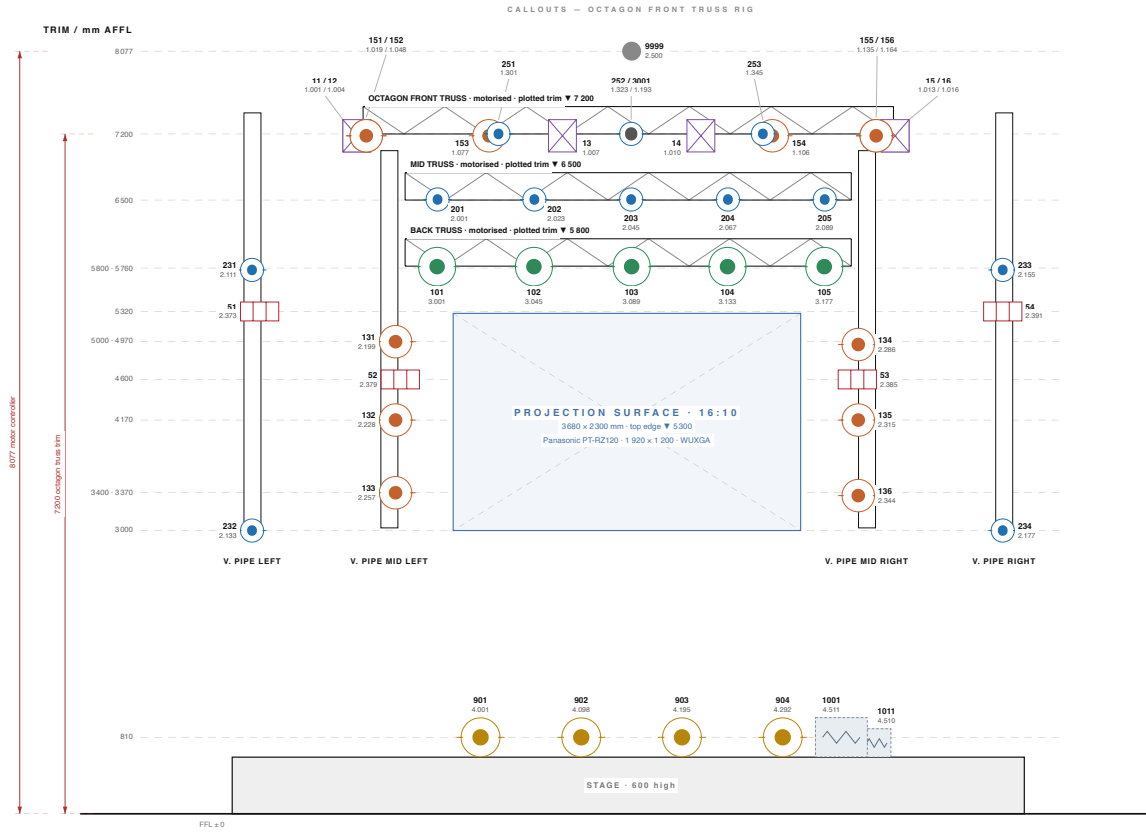
Date : 09 / 2026

Scale : 1:40 @ A2

SOURCES
Geometry — MVR export (Kuppel_V3_2609.mvr) · Patch — venue rider,
September 2026. Revisions: —

1

OF 3



NOTES

- Fixtures that share an X position and a height are drawn once and carry every fixture number in that position — 11 / 12, 151 / 152, 153 / 251, 154 / 253, 252 / 3001. Where two types coincide both symbols are drawn concentrically, largest first.
- Octagon rig labels sit in a callout band above the truss on two alternating levels; mid-truss and back-truss numbers are set directly under their own fixture, halo-boxed where they cross a truss chord.

SCALE	UNITS	FIXTURES	SHEET
1:40 at A2	millimetres	47 · all set	2 / 3

LEGEND — FIXTURE TYPES

	Robe LEDBeam 150 RGBA moving head - wash beam	12
	Robe Cuete moving head - beam	12
	Robe Painte moving head - spot	5
	FresnelLED Hyperion 200 WW fresnel - warm white	6
	Ignition 2Bright Blind 3K blinder - 2-cell	4
	CLF Nero moving head - floor	4
	Showtec Pinspot Q4 pinspot - mirror ball	1
	Smoke Factory Tour Hazer II hazer	1
	Smoke Factory Fast Fog fog machine	1
	Motor - Controller MCU 400 D hoist controller	1

HEIGHT BAND

ELEMENT	SPAN mm AFFL	CLEAR
Octagon truss + rig	7010 – 7490	+220
Mid truss + LEDBeams	6384 – 6790	+294
Back truss + Paintes	5600 – 6090	—
Motor controller	7977 – 8177	+487
Pipe fixtures	3000 – 5760	—
Floor kit	600 – 1 018	—

READING THIS SHEET

Horizontal axis is X, vertical axis is Z above finished floor level. The three trusses sit at different depths but similar heights; raising the octagon to 7 200 and the mid truss to 6 500 separates the band clearly, with the clearances listed above. Pipe fixtures are labelled to the outboard side; floor kit directly above its own symbol.



VENUE		KUPPEL BASEL	
LIGHTING PLOT — SHEET 2 : FRONT ELEVATION			
Viewed from the audience, looking upstage Technical contact — Luka Wartmann luka.wartmann@kuppel-basel.ch · +41 78 612 34 59		Date : 09 / 2026	
		Scale : 1:40 @ A2	
		2 OF 3	
SOURCES Geometry — MVR export (Kuppel_V3_2509.mvr) · Patch — venue rider, September 2026. All trusses motorised — trims are plotted positions.			

ID	FIXTURE TYPE	MODE	DMX	ABS	CH	POSITION
11	FresnelED Hyperion 200 WW	3 Ch Mode 16bit	1.001	1	3	Octagon Front Truss
12	FresnelED Hyperion 200 WW	3 Ch Mode 16bit	1.004	4	3	Octagon Front Truss
13	FresnelED Hyperion 200 WW	3 Ch Mode 16bit	1.007	7	3	Octagon Front Truss
14	FresnelED Hyperion 200 WW	3 Ch Mode 16bit	1.010	10	3	Octagon Front Truss
15	FresnelED Hyperion 200 WW	3 Ch Mode 16bit	1.013	13	3	Octagon Front Truss
16	FresnelED Hyperion 200 WW	3 Ch Mode 16bit	1.016	16	3	Octagon Front Truss
151	Robe Cuete	Mode 1 - Standard	1.019	19	29	Octagon Front Truss
152	Robe Cuete	Mode 1 - Standard	1.048	48	29	Octagon Front Truss
153	Robe Cuete	Mode 1 - Standard	1.077	77	29	Octagon Front Truss
154	Robe Cuete	Mode 1 - Standard	1.106	106	29	Octagon Front Truss
155	Robe Cuete	Mode 1 - Standard	1.135	135	29	Octagon Front Truss
156	Robe Cuete	Mode 1 - Standard	1.164	164	29	Octagon Front Truss
3001	Showtec Pinspot Q4	6 Ch Mode	1.193	193	6	Octagon Front Truss
251	Robe LEDBeam 150 RGBA	Mode 1 - Standard 16bit	1.301	301	22	Octagon Front Truss
252	Robe LEDBeam 150 RGBA	Mode 1 - Standard 16bit	1.323	323	22	Octagon Front Truss
253	Robe LEDBeam 150 RGBA	Mode 1 - Standard 16bit	1.345	345	22	Octagon Front Truss
201	Robe LEDBeam 150 RGBA	Mode 1 - Standard 16bit	2.001	513	22	Mid Truss
202	Robe LEDBeam 150 RGBA	Mode 1 - Standard 16bit	2.023	535	22	Mid Truss
203	Robe LEDBeam 150 RGBA	Mode 1 - Standard 16bit	2.045	557	22	Mid Truss
204	Robe LEDBeam 150 RGBA	Mode 1 - Standard 16bit	2.067	579	22	Mid Truss
205	Robe LEDBeam 150 RGBA	Mode 1 - Standard 16bit	2.089	601	22	Mid Truss
231	Robe LEDBeam 150 RGBA	Mode 1 - Standard 16bit	2.111	623	22	Vertical Pipe Left
232	Robe LEDBeam 150 RGBA	Mode 1 - Standard 16bit	2.133	645	22	Vertical Pipe Left
233	Robe LEDBeam 150 RGBA	Mode 1 - Standard 16bit	2.155	667	22	Vertical Pipe Right

ID	FIXTURE TYPE	MODE	DMX	ABS	CH	POSITION
234	Robe LEDBeam 150 RGBA	Mode 1 - Standard 16bit	2.177	689	22	Vertical Pipe Right
131	Robe Cuete	Mode 1 - Standard	2.199	711	29	Vertical Pipe Mid Left
132	Robe Cuete	Mode 1 - Standard	2.228	740	29	Vertical Pipe Mid Left
133	Robe Cuete	Mode 1 - Standard	2.257	769	29	Vertical Pipe Mid Left
134	Robe Cuete	Mode 1 - Standard	2.286	798	29	Vertical Pipe Mid Right
135	Robe Cuete	Mode 1 - Standard	2.315	827	29	Vertical Pipe Mid Right
136	Robe Cuete	Mode 1 - Standard	2.344	856	29	Vertical Pipe Mid Right
51	Ignition 2Bright Blind 3K	6 Ch Mode	2.373	885	6	Vertical Pipe Left
52	Ignition 2Bright Blind 3K	6 Ch Mode	2.379	891	6	Vertical Pipe Mid Left
53	Ignition 2Bright Blind 3K	6 Ch Mode	2.385	897	6	Vertical Pipe Mid Right
54	Ignition 2Bright Blind 3K	6 Ch Mode	2.391	903	6	Vertical Pipe Right
9999	Motor - Controller MCU 400 D	2 Channel Mode	2.500	1012	2	Ceiling
101	Robe Painte	Mode 1 - Standard 16bit	3.001	1025	44	Back Truss
102	Robe Painte	Mode 1 - Standard 16bit	3.045	1069	44	Back Truss
103	Robe Painte	Mode 1 - Standard 16bit	3.089	1113	44	Back Truss
104	Robe Painte	Mode 1 - Standard 16bit	3.133	1157	44	Back Truss
105	Robe Painte	Mode 1 - Standard 16bit	3.177	1201	44	Back Truss
901	CLF Nero	97 Ch Mode	4.001	1537	97	Floor
902	CLF Nero	97 Ch Mode	4.098	1634	97	Floor
903	CLF Nero	97 Ch Mode	4.195	1731	97	Floor
904	CLF Nero	97 Ch Mode	4.292	1828	97	Floor
1011	Smoke Factory Fast Fog	1 Ch Mode	4.510	2046	1	Floor
1001	Smoke Factory Tour Hazer II	2 Ch Mode	4.511	2047	2	Floor

TOTALS BY TYPE

12	Robe LEDBeam 150 RGBA	12	Robe Cuete	5	Robe Painte
6	FresnelED Hyperion 200 WW	4	Ignition 2Bright Blind 3K	4	CLF Nero
1	Showtec Pinspot Q4	1	Smoke Factory Tour Hazer II	1	Smoke Factory Fast Fog
1	Motor - Controller MCU 400 D				

NETWORK & CONTROL

IP range	192.168.20.100 – 240	Universes 1 – 4 and 8 are reserved for house lights; 5 – 7 are free for guest fixtures.
Output protocol	sACN	Four DMX outputs are available at the LumiNode.
Priority	100	Positions are millimetres above finished floor level, drawn on sheets 1 and 2. Pan / tilt invert is a console patch property and is not carried in the MVR export.
Node	LumiNode · 4 × DMX out	

VENUE

KUPPEL BASEL

LIGHTING PLOT — SHEET 3 : DMX PATCH

Nachtgallenwäldli 9, 4051 Basel, Switzerland
Technical contact — Luka Wartmann
luka.wartmann@kuppel-basel.ch · +41 78 612 34 59

Date : 09 / 2026

Scale : — table

3

OF 3

SOURCES
Geometry — MVR export (Kuppel_V3_2609.mvr) · Patch — venue rider,
September 2026. Revisions: —