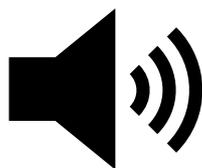


# **AUDIO SPEZIFIKATIONEN ARENA KURSAAL BERN**



## BESCHALLUNG FEST INSTALLIERT

Artikel	Hersteller / Typ	Standort	Anzahl	Kommentare
Mischpult	Yamaha DM7	Audioregie	1	
Stagebox	Yamaha Rio 3224-D3	Bühne	1	Mobil, frei patchbar
Stagebox	Yamaha Rio 3224-D3	Amraum	1	Fix verbaut
Stagebox	Yamaha Rio 1608-D3	Videoregie	1	Fix verbaut
Audiomatrix	Lake LMX 88	Amraum	1	<b>L/R/FF/Sub</b> oder <b>L/R Analog</b> oder <b>AES/EBU</b> ab Regie oder Bühne
Main PA L/R/L	d&b, CCL8	geflogen	Je 6	Mit ArrayProcessing
Outfills	d&b Y7P	geflogen	Je 1	
Delays Balkon	d&b Y7P	geflogen	5	
Nearfills	d&b 44S	Bühnenkante	7	Mobil, frei positionierbar
Center Subs	d&b CCL-SUB	geflogen	2	
Verstärker	d&b 40D	Amraum	6	
Verstärker	d&b 25D	Amraum	4	

## BESCHALLUNG OPTIONAL BUCHBAR

### Ergänzung Beschallungsanlage

Aktikel	Hersteller / Typ	Standort	Anzahl	Kommentare
Subs floor	d&b KSL-SUB	Am Boden L/R der Bühne oder hinter Bühne mittig ohne Liveact	Je 1	
Monitore	d&b E8	Variabel	4	
Verstärker	d&b 40D	Amraum	6	
Verstärker	d&b 25D	Amraum	4	

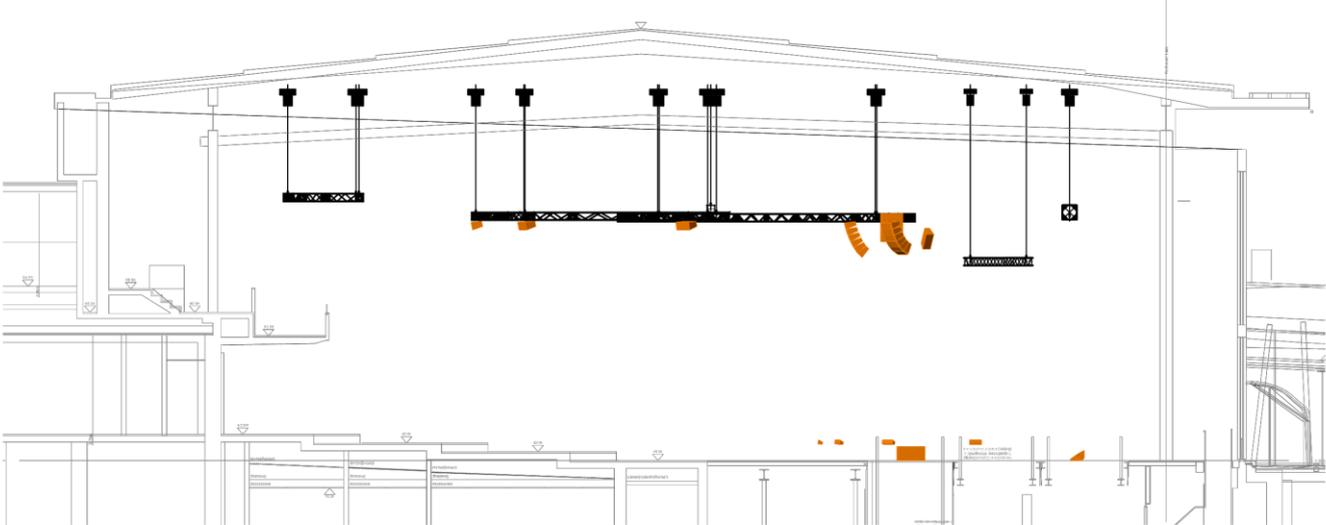
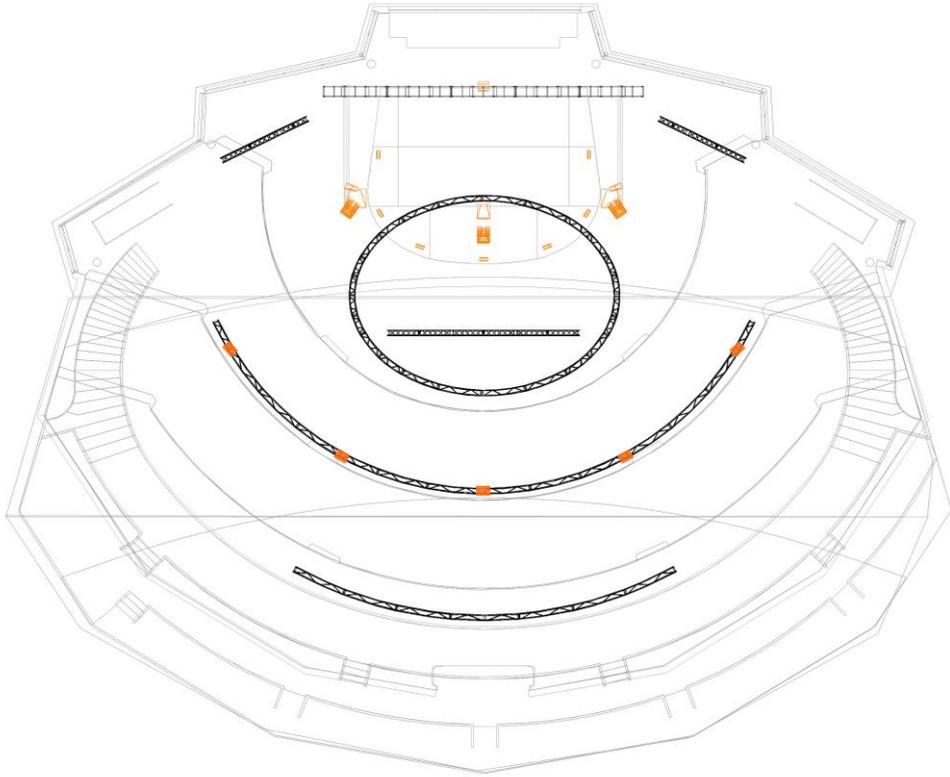
### Mikrofone

Aktikel	Hersteller / Typ	Standort	Anzahl	Kommentare
Funkempfänger	Shure Axient D	Audio Regie	14 Kanäle	
Bodypack mit DPA Headset	Shure Axient ADX1 / DPA 4266		12 Stk	
Handsender	Shure Axient ADX2, KSM9		6 Stk	
In-Ear mit Schallschlauch	Shure PSM1000		2 Kanäle	Kann über Intercom-Station besprochen werden oder als reguläres In-Ear Monitoring verwendet werden
Rednerpult-mikrofon	Sennheiser ME36		2 Stk	Nur als Set erhältlich

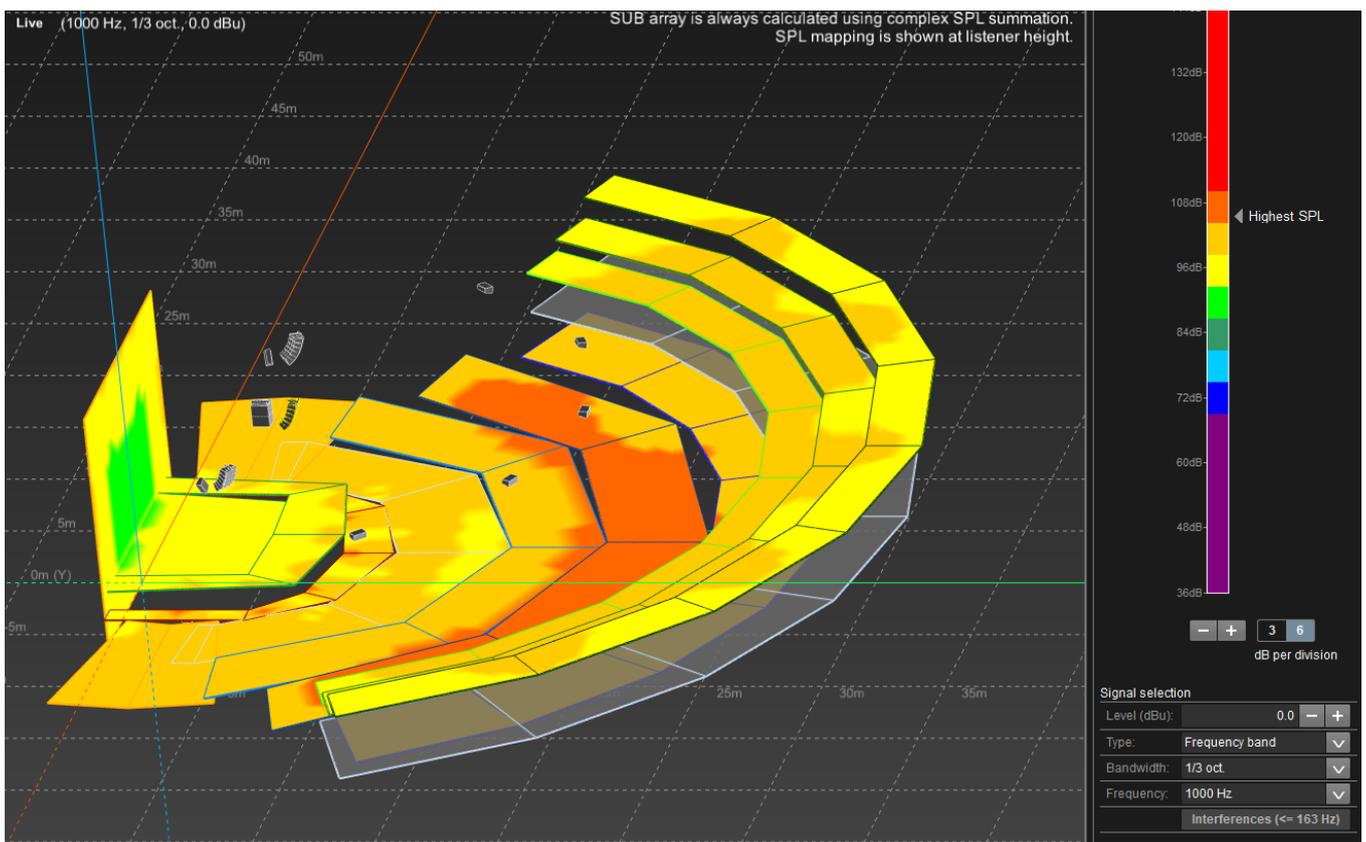
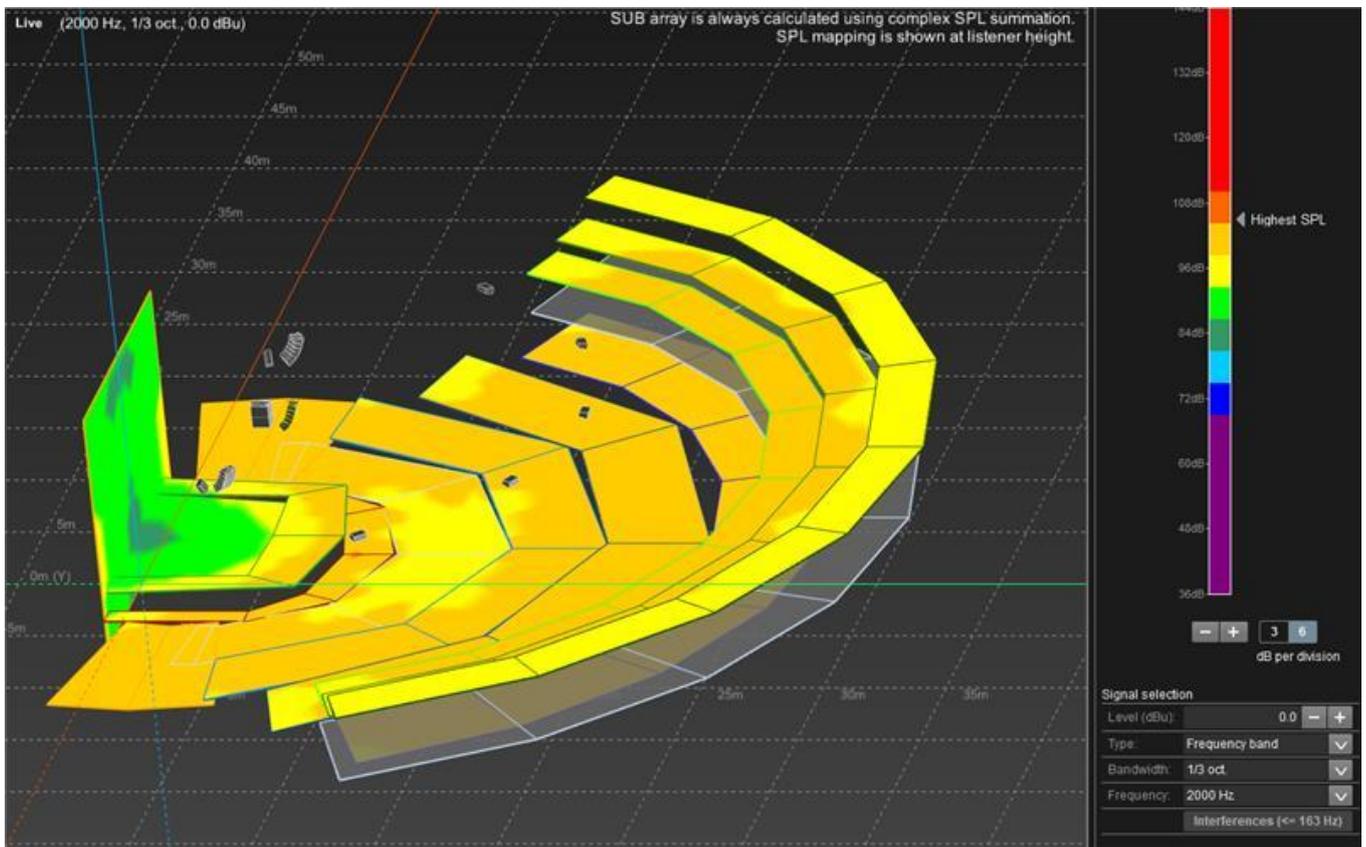
Für Bands stehen diverse Mikrofone und DI-Boxen zur Verfügung.  
Weiter stehen diverse Stative und Patchmöglichkeiten zur Verfügung.

Bitte wenden Sie sich an Ihren Berater zur Bestellung und Abklärung von Details.

# VISUALISIERUNG



## ABDECKUNG



## ARRAY L/R

### Array settings

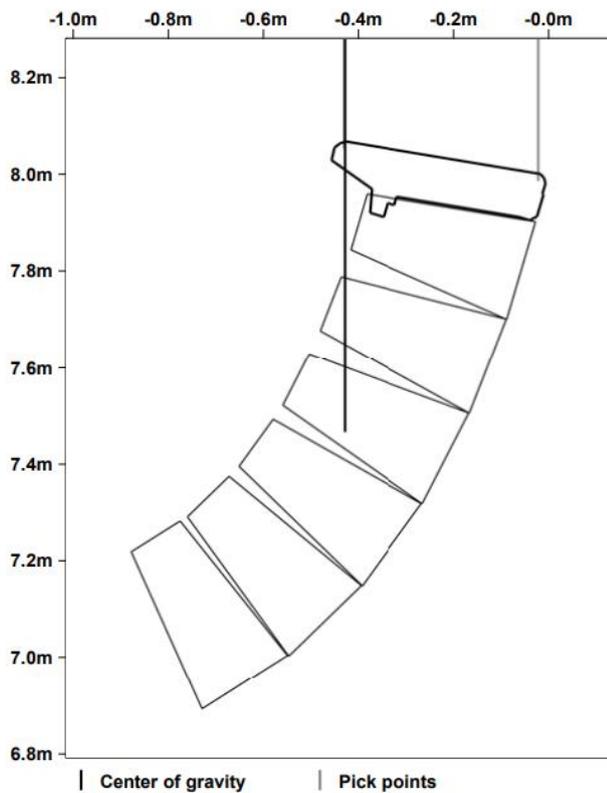
Position x:	5.90 m	Position y:	-6.50 m
Frame height front (z):	8.00 m	No. of CCL-SUB:	0
Horizontal aiming:	-34.00 °	No. of CCL8:	6
Frame angle:	-16.50 °	No. of CCL12:	0
Delay (abs.):	6.2 ms		

### TOPs

CUT: Off	CPL: Lo: -2.0 Mid: -3.5
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Cab.	Speaker	Setup	Level/dB	HFC	Abs.	Splay	Link
1	CCL8	AP	0.0	--	-16.5 °	--	--
2	CCL8	AP	0.0	--	-21.4 °	5.0 °	--
3	CCL8	AP	0.0	--	-27.4 °	6.0 °	--
4	CCL8	AP	0.0	--	-36.3 °	9.0 °	--
5	CCL8	AP	0.0	--	-46.3 °	10.0 °	--
6	CCL8	AP	0.0	--	-58.2 °	12.0 °	--

### Array view



### Pick points and load (L)

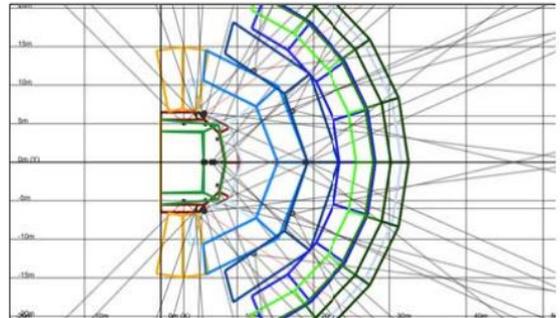
	Rear pick	Front pick	Distance	Single pick
X:	5.54 m	5.88 m	0.34 m	5.54 m
Y:	-6.26 m	-6.49 m	0.23 m	-6.26 m
Pick pt. hole:	24	1		24
Pick pt. pos.:	42.9 cm	1.8 cm		42.9 cm
Load:	110 kg	1 kg		111 kg

### Load

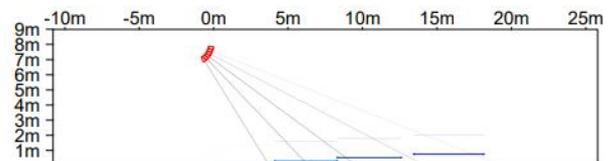
Load OK	within DGUV-17 limits	42% of load limit
Total weight:		111 kg
Height of lowest edg		6.89 m

### Air absorption On

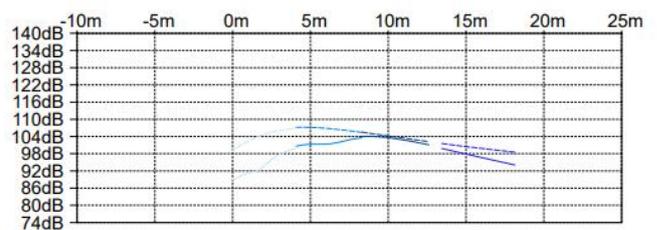
Temperature:	20 °C	Humidity:	60 %
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### Main: Profile at -34 ° aiming



### Main: Direct sound level vs. distance/dB SPL



### Signal selection

Curve 1:	1000 Hz	Bandwidth:	1/1 oct.
Curve 2:	250 Hz	Level (dBu):	0.0

## ARRAY CENTER

### Array settings

Position x:	7.20 m	Position y:	0.00 m
Frame height front (z):	8.00 m	No. of CCL-SUB:	0
Horizontal aiming:	0.00 °	No. of CCL8:	6
Frame angle:	-14.60 °	No. of CCL12:	0
Delay (abs.):	9.7 ms		

### TOPs

CUT: Off	CPL: Lo: -2.0 Mid: -3.5
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Cab.	Speaker	Setup	Level/dB	HFC	Abs.	Splay	Link
1	CCL8	AP	0.0	--	-14.6 °	--	--
2	CCL8	AP	0.0	--	-17.6 °	3.0 °	--
3	CCL8	AP	0.0	--	-22.5 °	5.0 °	--
4	CCL8	AP	0.0	--	-28.5 °	6.0 °	--
5	CCL8	AP	0.0	--	-36.4 °	8.0 °	--
6	CCL8	AP	0.0	--	-48.4 °	12.0 °	--

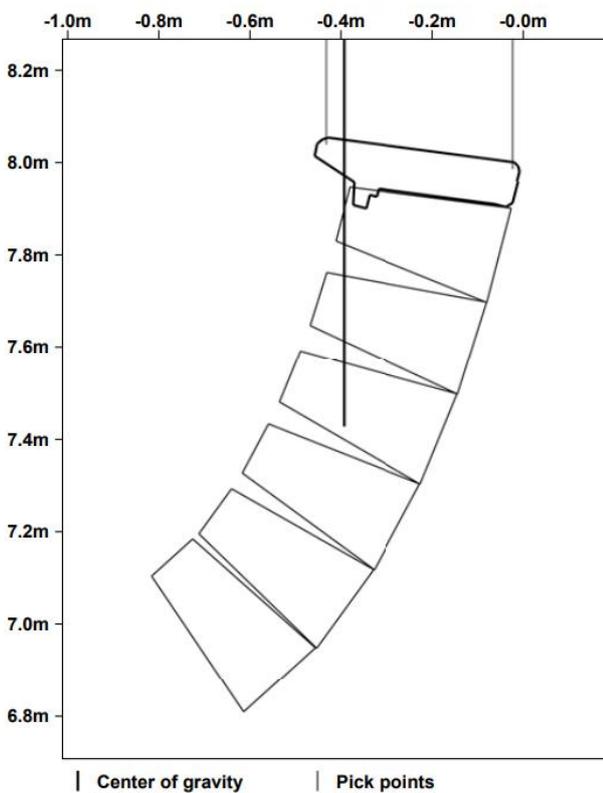
### Load

Load OK	thin DGUV-17 limits	42% of load limit
Total weight:		111 kg
Height of lowest edg		6.81 m

### Air absorption On

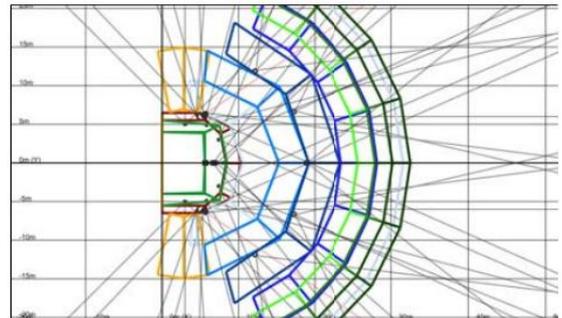
Temperature:	20 °C	Humidity:	60 %
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### Array view

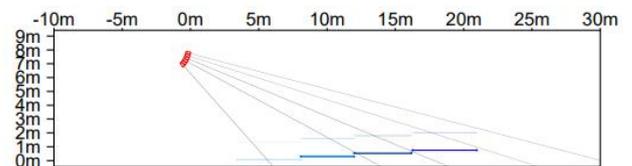


### Pick points and load

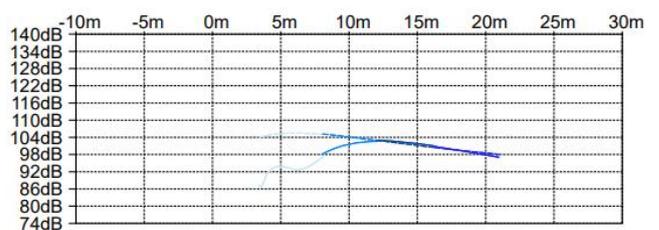
	Rear pick	Front pick	Distance	Single pick
X:	6.77 m	7.18 m	0.41 m	6.80 m
Y:	0.00 m	0.00 m	0.00 m	0.00 m
Pick pt. hole:	24	1		22
Pick pt. pos.:	42.9 cm	1.8 cm		39.3 cm
Load:	100 kg	11 kg		111 kg



### Center: Profile at 0 ° aiming



### Center: Direct sound level vs. distance/dB SPL



### Signal selection

Curve 1:	1000 Hz	Bandwidth:	1/1 oct.
Curve 2:	250 Hz	Level (dBu):	0.0