

Sound Equipment Kammerspiele

July 2024

Mixing Console:

Type: **Yamaha PM3**
 Digital Console (auditorium, rear-centre)
 Inputs: 144 mono
 Outputs: 72 mix buses / 36 matrices

Network:

Console network: TWINLANE
 Dante network can coexist with the TWINLANE network as required

Periphery:

1x Mac Pro (2019) 3,5GHz 8-Core Intel Xeon W
 2x RME Dante DigiFace
 2x Yamaha Tio 1608-D2
 1x Ableton LIVE 12 software

Wireless Microphone System:

Wisyscom 12 CH UHF diversity system with
 12 x pocket transmitter with DPA 4061 microphones
 6 x handheld transmitter with DPA capsules

4x Wireless In-Ear System: SHURE P9R
 2x Wireless System for Instruments: Sennheiser EW100 G3

PA System (fix mounted)

Left Right System:

2x	d&B E12 (Center left & Center right)
	<u>Technical Specifications</u>
	Frequency response 50-18kHz +/- 5dB
	Power rms / peak 300W/1600W
	Output SPL 134dB
	Dispersion 80° x 50°
	Components 1x 12" / 1x 1,3" koaxial driver with CD horn
2x	d&B E15X Subwoofer
	<u>Technical Specifications</u>
	Frequency response 37-140Hz +/- 5dB
	Power rms / peak 300W/1600W
	Output SPL 130dB
	Dispersion spherical
	Components 1x 15"
1x	d&B 8S (Center)
	<u>Technical Specifications</u>
	Frequency response 110Hz -20kHz +/- 5dB

Power rms / peak	150W/800W
Output SPL	127dB
Dispersion	100° radial
Components	8" / 1" koaxial driver
X-over	2-way passiv

2x **d&B Ci80 (Portal left & right)**

Technical Specifications

Frequency response	70-20kHz +/- 3dB
Power rms / peak	120W/480W
Output SPL	126dB cont. / 129dB peak
Dispersion	85 dgr.radial
Components	8" cone / 1" ND driver
X-over	2-way passiv

Surround:

6x **d&B 5S**

Technical Specifications

Frequency response	80-20kHz +/- 5dB
Power rms / peak	60W/400W
Output SPL	117dB cont.
Dispersion	100° radial
Components	5" cone / 1" driver
X-over	2-way passiv

Ceiling:

6x **d&B 4S**

Technical Specifications

Frequency response	130-20kHz +/- 5dB
Power rms / peak	60W/400W
Output SPL	115dB cont.
Dispersion	100° radial
Components	4" cone / 0,75" driver
X-over	2-way passiv

On Stage:

2x **KS-audio T3**

Technical Specifications

Frequency response	63-20.000Hz +/- 3dB
Power rms / peak	300+100W / 600+200W
Output SPL	127dB cont. / 133dB peak
Dispersion	90°x40° dgr.
Components	12" ND cone/ 1" ND driver
X-over	2-way activ

PA System (portable):

4x **d&B Ci80**

Technical Specifications

Frequency response	70-20kHz +/- 3dB
Power rms / peak	120W/480W
Output SPL	126dB cont. / 129dB peak
Dispersion	85 dgr.radial
Components	8" cone / 1" ND driver
X-over	2-way passiv

2x **d&B Ci90**

Technical Specifications

Frequency response	55-18kHz +/- 3dB
Power rms / peak	200W/800W
Output SPL	132dB cont. / 135dB peak
Dispersion	90° x 40°
Components	12" driver/1.4 compr.driverwith CD horn
X-over	2-way passiv