



HochX Theater und Live Art

Technical Manual

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STAGE

Fourth Wall stage (standard version)

10,80 m x 9,2 m

4,30 m clearance height

Proscenium: 6,30 m x 3,9 m

Audience capacity (standard version)

max. 134 audience members

11 rows of chairs, each with 12 seats

Rotated version (the seated area becomes the stage)

10,60 m x 9 m

5,75 m clearance height (ca. 2,6 m under balcony)

Audience capacity (rotated version)

max. 121 audience members

7 rows of chairs, 85 chairs

4 rows of benches with 36 seats

Chain hoists (overhead machinery)

6 movable trusses above the wooden floors

load capacity ca. 200 kg, D8+ (trusses not moveable during performance)

Rigging

various pipes and 2 point trusses, black

sufficient hanging devices

lighting towers and tripods, see: lighting

Curtains

2 border curtains 70 cm, black velvet

2 border curtains 110 cm, black velvet

1 border curtain 150 cm, black velvet

Several backdrop curtains, black velvet

Leg curtains 2 m wide, black velvet

LIGHTING

| | |
|----|---|
| 72 | dimmer channels 2 kW |
| 1 | lighting control panel etc Ion, with fader wing |

PAR spotlights:

| | |
|----|------------------------------|
| 26 | Par 64 Longnose, CP 60/61/62 |
| 10 | Chauvet Ovation P-56 FC LED |

Lens spotlights:

| | |
|----|---|
| 12 | Chauvet Ovation F 915 VW LED, incl. barndoor |
| 12 | 1 kW Fresnel, incl. barndoor, ADB F101 |
| 4 | 2 kW Fresnel, incl. barndoor, ADB F201 |
| 2 | 2 kW Fresnel, incl. barndoor, Rank Strand Castor PO |
| 22 | 1,2 kW PC, incl. barndoor, Strand Cantata |

Profilers

| | |
|----|--|
| 12 | etc Source4 led series 2 Lustre, 25° - 50° |
| 12 | etc Source4 36°, 575 W |
| 12 | etc Source4 50°, 750 W |

Floodlights

| | |
|----|--|
| 4 | CODA floor lights, 4 x 500w |
| 10 | floodlights symmetrical, ADB LF 1000, incl. barndoor |
| 6 | floodlights asymmetrical, ADB HF 1000, incl. barndoor |
| 8 | Cameo PIXBAR DTW PRO, floor ramp lights 90 cm wide, variable white |

Light stands:

| | |
|---|-------------------------------------|
| 8 | lighting towers 2 m |
| 4 | Manfrotto tripods up to 3, 25 m |
| | Many various floor stands / tripods |

Fog / Haze

| | |
|---|-------------------------------------|
| 1 | Unique Hazer 1500 W, DMX |
| 1 | Stairville AF-250 Nebel 1300 W, DMX |

SOUND

Sound boards:

| | |
|---|--|
| 1 | Allen & Heath SQ-6 digital mixing board incl. Dante Card |
| 1 | Allen & Heath QU-24 digital mixing board |
| 1 | Allen & Heath AR 2412 stage box |
| 1 | Allen & Heath DX168 stage box |

Sound reinforcement

| | |
|---|--|
| 6 | TW Audio M8 run with Powersoft M50Q |
| 2 | TW Audio M12 run with Powersoft M50Q |
| 2 | TW Audio B15P run with Crest Audio LA 1201 |

Flexible components and Foyer - active:

| | |
|---|------------------------------|
| 4 | HK Audio PREMIUM PRO 112 XD2 |
|---|------------------------------|

UHF

| | |
|---|---|
| 3 | Shure QLXD receiver |
| 3 | Shure SM 58 handheld transmitter |
| 3 | Shure QLXD portable transmitter (without mic) |

Transducer

| | | | |
|---|------------------------|---------------------------------|-----------------|
| 7 | Shure SM 58 | dynamic | cardioid |
| 3 | Shure SM 57 | dynamic | cardioid |
| 4 | Neumann KM 184 | small diaphragm condenser | cardioid |
| 2 | Sennheiser e 604 | dynamic | cardioid |
| 2 | Sennheiser ME 64 - K6P | small diaphragm condenser | cardioid |
| 1 | Sennheiser e 901 | boundary/pressure zone | cardioid |
| 1 | Sennheiser e 902 | dynamic | cardioid |
| 1 | Sennheiser e 912 | boundary/pressure zone | cardioid |
| 4 | Crown PCC 160 | boundary/pressure zone | supercardioid |
| 1 | AKG CBL 99 | boundary/pressure zone | omnidirectional |
| 2 | Behringer C2 | small diaphragm condenser | cardioid |
| 2 | Radial USB Pro | DI Box | passive |
| 2 | BSS AR-133 | DI Box | active |
| 2 | Palmer PAN-01 | DI Box | passive |
| 2 | Palmer PAN-04 | DI Box 2 channel | passive |
| 2 | Palmer PLI-05 | isolating transformer 2 channel | passive |

Microphone stands

| | |
|----|--|
| 10 | microphone stands tall with boom arm (tripod) |
| 5 | microphone stands small with boom arm (tripod) |
| 2 | microphone stands round base tall |
| 5 | table mic stands gooseneck 20 cm |
| 4 | speaker stands 1, 1 m - 1, 8 m |

VIDEO

Beamer

| | |
|---|---|
| 1 | Panasonic PT-RZ670B, 6500 lm, 1920 x 1200 |
| | Standard 1,7 - 2,4 : 1 |
| | ET-DLE 350 3,6 - 5,4 : 1 |
| | ET-DLE 050 0,8 : 1 |
| 1 | Eiki LC-Wu1 100A, 5000 lm, 1920 x 1200 |
| | AH 24711 1,25 - 1,7 : 1 |
| | AH 24741 1,65 - 2,3 : 1 |
| 3 | Acer H6815 DLP, 4000 lm, 3840 x 2160 |
| 1 | Optima HD27 (in the foyer) |

Cameras

| | |
|---|-----------------------------|
| 2 | Sony PWX X70 |
| 2 | three-legged camera tripods |

Periphery / Computer

| | |
|---|--|
| 6 | Blackmagic Bidirektiononal SDI / HDMI |
| 1 | MacMini Model A3238 (2024) mit QLab Version 4 Lizenz |
| 1 | MacMini Model A1993 (2018) |

Projector Screens:

| | |
|---|---|
| 1 | 2,4 m x 1,8 m (4:3) front projection |
| 1 | 2,8 m x 2,1 m (4:3) front / rear projection |
| 1 | 4 m x 3 m (4:3) front projection |
| 1 | 4 m x 3 m (4:3) front / rear projection |
| 1 | 4,2 m x 2,4 m (16:0) front projection |
| 1 | 9 m x 4,5 m panoramic/opera projection screen white |
| 1 | 6 m x 5 m projection screen anthracite grey |