



Technical Specification

Werkraum

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Auditorium

Audience seating

Audience Risers with max.134 seats

Riser system of "Theater-Baukasten-Dresden" with 2m x 1m aluminium platforms (rise +33 cm)

Black Benches

Stage

Measurements

Room, Floor area	13 m x 18 m
Acting area	12 m x 8 m
Clearance (ceiling overhang)	5,25 m

Goods lift

Measurement, Clearance	Depth 2,85 m x Width 1,89 m x Hight 2,28 m
Max. dimensions to access goods lift	Depth 2,70 m x Width 1,20 m x Hight 2,00 m
Load capacity	1.000 Kg

Transport lift table (from lift to stagelevel)

Measurement	1,80 m x 2,50 m
Drive	0,93 m
Load capacity	1.000 Kg

Machinery

General

The upper machinery can not be moved during the performance!

Black masking available

Flybar diameter: ø 50 mm

Four machine ropes 6mm to the on-site load bar

Overhead machinery

Stage- and audience area

10x E-hoists MZ 1 – MZ 10 Length: 10 m Drive: +0,75 m – 5,20 m Lift: max. 4,60 m

2x Panoramic hoists PAL,PAR Length: 11 m Drive: +0,75 m – 4,82 m Lift: max. 4,25 m

Load bars ø 50mm, with lighting offsets Speed: 0 – 0,3 m/s

Load capacity evenly distributed: max. 5,00 kN (500 kg)

Single load capacity under rope exit: max. 1,75 kN (175 kg)

Single load capacity in field center between two rope exit: max. 1,00 kN (100 kg)

Track load capacity between two rope exit: max. 1,50 kN (150 kg)

Single load capacity at the clear end of load bar: max. 0,30 kN (30 kg)

Lighting

Control

1x Eos TI, 1 x Eos GIO, Protocols: sACN, ArNet over a LSS Mastergate possible

48x Dimmer 5kW, 216 Dimmer 2,5kW, ETC FDX 3000

The offset distribution can be customised in the stage area using a pre-installed multicore HAN 16 and 32/63 CEE plug-in system.

Lighting data is distributed via Ethernet / DMX cabling and a Lumen Radio system.

A DMX line extension or feed-in of a guest console can be realised via ETC Net3 Concert with corresponding ETC DMX gateways.

Available fixture

9x ETC High End SolaFrame 750 high CRI

4x Arri Sky Panel S60-C

5x Martin Rush Par

16x ETC Source Four LED Lustre Gen2 Zoom 25°-50°

12x LDDE NanoPix Slim 1200

8x Astera Titan Tube

4x 6erBars with 1kW PAR64 CP62

12x Strand Cantata Fresnel 1kW

12x Strand Cadenza Fresnel 2kW

4x ETC Source Four Zoom 25° - 50° 750W

4x Arri Daylight Compact 1200 with LT Shutter / Colourchanger MV200

Sound

PA

Front: 2x KS CPD 14
Center: 1x KS CPD 1
Sub: 2x KS CPD WH
Delayline: 2x KS CPD 08
 2x KS CPA 04
Stage: 2x KS CPD 1
 2x KS CPD 08
Auditorium: 2x KS CPD 1

Sound desk system

Salzbrenner Polaris Evolution

Salzbrenner Polaris Evolution. Dantebased digitaldesk with 4 Access und View-modules 128/128
Matrix with redundant Scala processor

Independent Dante network in primary and secondary versions

Connection to the Audinate Dante Domain Manager

This allows signals to be tapped and recorded in the recording studio and other venues

Connection of external signals also possible via AES 50, as well as MADI (opt. & Coax) & MADI TP and 8xADAT

Waves SG server with all essential (Mercury bundle) Waves plug-ins (integrated in Polaris)

Playback

Ableton Live Suite 11

Microphones (for all venues)

AKG SE 300 B with AKG CK 91 / AKG CK 93 / AKG CK 98

2x AKG C 414 B-TL II

1x AKG C 562 BL PZM

3x Crown PCC 170

6x Crown PCC 160

9x Shure Beta 91A

2x Neumann U 87

1x Neumann U 89

2x Neumann U 47

1x Neumann KM 84

2x Neumann KM 81 I

2x Shure Beta 56

39x Shure SM 58

8x Shure SM 57

11x Shure Beta 87A

2x Shure SM 58 beta

1x Shure 55 SH

2x Shure PG 56

2x Shure Beta 98

1x Sennheiser MD 441

5x Sennheiser E 604

2x Sennheiser MKH 416

3x Sennheiser MD 421

Wireless / Mikroport

8x Channels Sennheiser EW 500 G3

8x Mikroports Sennheiser SK 500

4x Handheld Sennheiser SKM 500 with E 965 Capsules

Offset boxes

Dante P/S // LWL // MIC // LINE / 100 V/Tonnetz

Video

Projection

2x Panasonic DZ780, 7000 ANSI Lumen, 1920x1200px
1x Panasonic DZ680, 6000 ANSI Lumen, 1920x1200px

Mobile screens

AV Stumpfl mobile screen 2,8m x 1,7m - Opera white / Optitrans
AV Stumpfl mobile screen 6m x 4m / 5m x 3,8 / 4m x 3m - Opera white / Optitrans (only 4m x 3m)
More screens in various sizes and quality.

Cabeling

CAT Patchoffsets in the stage area & in flybar
BNC Patchoffsets ditributed around stage area
SDI / HDBaseT / HDMI via active changer / extender (Lightware)
Lightware MX-FR17 16x16 crossbar with HDMI In and HDMI, CAT Out

Playback

Video FoH above audience risers in separate room, open in direction to stage
Riedel Intercom System with call station and belt packs
MacPro (Rack 2019), 3,2GHz 16-Core, 1TB SSD, 48GB-Ram, AMD Radeon Pro W5700X 16GB
4x HDMI Output
Decklink Duo 2 Input
Qlab 5 (other software on request),
Option: Pandoras Box (requires prior clarification)

Cameras

1x Sony a7s with Rig
2x Sony FS-5 oder PXW-Z90 (possible on request)
Teradek Bolt SDI/HDMI wireless
More cameras on request

Mixer

Blackmagic ATEM Extreme ISO
Blackmagic ATEM Mini Pro
Blackmagic ATEM Television Studio PRO
Ross Carbonite Black Solo
Roland V-40HD
Roland V-1HD

Subtitles

As required via separate projection. Playback via Spectitular from the operator's desk.
Various languages / texts are simultaneous possible.

Stage Management

Intercom

Cross-stage matrix-based intercom system
with RSP 1232 and DSP 1116 fixed microphone units and 15x Riedel Bolero belt packs

Q-Light system

16x separate light sign channels that can also be assigned multiple times, can be saved for performances

Fixed light signals for flyloft, light, sound and video

2x wireless light signals

Stagemanagement desk

ASC-Adunas BJ 2021 Dimensions: 0,60 m x 0,55 m x 0,30 m (H x W x D) Can be connected to several positions as required. Can be operated with mobile touch panels / laptops

House call system

Separate paging for dressingrooms, technical departments, etc.

All loudspeakers with selectable monitoring options..

Video

In all venues, PTZ cameras and infrared cameras possible.

Various FullHD monitors available.