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# Technical equipment of the German State Theatre Hall 2016

## Stage area

Stage area and props depot are on the 2nd floor. Stage and show hall are on the same level:  $\pm 0$

### Italian box

- dimensions: W=8m, D=8+4m, H=16m, portal H= 5.5m, portal L= 7.5m
- headroom between picture stage and props storage: W= 5m, H= 2.5m
- 18 fly bars
- 2 lighting hoists
- 2 contrejour hoists
- 2x2 lateral hoists greek curtain

### Auditorium/Unconventional stage

- dimensions: D= 20 m, W=10.6m, H=8m
- 5 lighting hoists
- 1 hoist in front of portal
- seating: 126 seats, 4 free mountable modules consisting of 2 modules with 3 seats on a row and 2 modules with 4 seats on a row

### Props storage

- freight elevator: max 250 kg; H= 2m, W=1.5m, D=1.5 m
- electrical hoist: max 100 kg

## Lights

### Light consoles

- Spark 4D (mobile)
- Vector Violet (fixed)
- Vector Ultraviolet (mobile)

### Equipment command system through DMX512 protocol (wired and wireless)

#### Dimmable circuits in the Italian box

- 12 circuits front fly bridge
- 4 circuits right fly bridge
- 4 circuits back fly bridge
- 4 circuits left fly bridge
- 8 circuits fly bar 1 stage
- 12 circuits fly bar 2 stage
- 4+4 circuits at the right hand side of the stage
- 6+6 circuits proscenium
- 12 circuits stage floor
- 10 power sockets 220V – direct circuits

#### Dimmable circuits in the hall (unconventional stage)

- 46 circuits in the hall ( 5 fly bars)
- 12 circuits stage floor
- 23 power sockets 220V – direct circuits

#### Dimmable hall light (5 left, 5 right)

## Lights

### Mobile stage lighting equipment

PAR 63 – 1000 W	10 pcs
P.C. – 1000 W	30 pcs
P.C. – 500 W	6 pcs
P.C. 2000 W	4 pcs
Profile 575 W	4 pcs
Profile 750 W	18 pcs
Profile 1200 W	6 pcs
Cyclorama 1000 W	4 pcs
Follow spot 1200 W	2 pcs
Moving Head Martin Entour 350 LED	2 pcs
Moving Head Martin Aura Wash LED	2 pcs
Moving Head Martin Quantum Wash LED	2 pcs
Stage Flood SGM LED RGBW	2 pcs
Stage Flood Stairville LED RGBW	3 pcs
Spectra Licht LED RGBW	10 pcs
PAR LED 36	15 pcs
Profil ETC LED RGBW Source four S2	2 pcs
Profil ETC LED RGBW Source four	6 pcs
HMI Arri 2500 W + scroller	1 pcs

### Fixed stage lighting equipment

P.C. – 1200 W	24 pcs
P.C. Nota + scroller - 1200 W	11 pcs
P.C. - 2000 W	8 pcs
P.C. – 1000 W	9 pcs
Follow spot 1200 W	2 pcs
Stage Flood SGM LED RGBW	1 pcs
Stage Flood Stairville LED RGBW	2 pcs
Profile ETC LED RGBW Source four S2	3 pcs
Moving Head Martin Krypton 575	2 pcs

### Special effects equipment

Light smoke machine Martin 1800	2 pcs
Heavy smoke machine Antari	2 pcs

## Sound system

### Fixed audio installation in the hall – analogue line

- SOUNDCRAFT GB8 audio mixer: 24+4 channels, 8 auxiliary channels
- Dynacord speakers: 2x800W front of the hall; 2x500W rear of the hall; 2x200 back stage; 2x100 right hand side of stage
- players: Tascam minidisc (2 pcs); Tascam combo tape + CD (1 pcs), Tascam SS-CDR200 – sdCard, cfCard (4 pcs)
- Sehnheiser lavalier (headset) EW150, EW300 (10 pcs)
- Sehnheiser wireless microphones (4 pcs)

### Fixed audio installation in the hall – digital line

- YAMAHA QL 5 digital mixer
- JBL VRX speakers front of the auditorium 2X1000W (line array+sub)
- JBL VRX speakers back of the auditorium 2X1000W (line array)
- audio signals transmission through Ethernet

## Video

laser video projector Panasonic RZ570 – 6000 lm	2 pcs
lamp video projector Panasonic DZ570 – 5000 lm	2 pcs
lamp video projector Christie LX7000 – 7000 lm – ultrawide lens, wide, normal	1 pcs
video projector Benq 2000lm	5 pcs
mechanic shutter DMX512	1 pcs
video mixer Edirol V4 – 4 channel	1 pcs
video projector support for fly bar (clamp)	4 pcs
cables HDMI 20m	5 pcs
cables VGA 5-10m	5 pcs
cables RCA 20m	10 pcs
extension VGA-Ethernet-VGA	20>80m
splitter video 4xVGA	1 pcs

## Stage management

- soundproof stage management cabin with audio command desk and closed circuit TV
- intercom with extensions to the stage and technical locations (actors' room, props, wardrobe, make-up, mechanics; with duplex function for the lighting, sound cabin)
- video surveillance: 2 cameras in the auditorium, 1 camera in the foyer
- wireless bi-directional intercom system for the technicians (5 headsets)