

Technical equipment of the German State Theatre Hall

-2026-

Stage area

The play area and sets storage is on the 2nd floor

The stage and the auditorium are on the same level: ± 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=20m, W=10.6m, H=8m
- 5 lighting hoists
- 1 hoist in front of portal
- seating: 120 seats, 4 free mountable modules consisting of 4 modules with 3 seats on a row =12seats/row. 10 rows.

Props storage

- freight elevator: max 400 kg; H=2m, W=1.5m, D=1.5m
- electrical hoist: max 200 kg

Lights

Light consoles

- Vector Violet (fixed)
- Vector Ultra Violet (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 bar1 stage
- 12 circuits fly bar2 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)

- 2 left circuits + 2 right circuits

Fixed stage lighting equipment

- P.C. Selecon - 1200 W 24 pcs.
- P.C. Nota 1200 W 11 pcs.

- P.C. Selecon - 2000 W 8 pcs.
- P.C. LDR Nota - 1000 W 9 pcs.
- Follow spot LDR 1200 W 2 pcs.
- Stage Flood SGM LED RGBW 1 pcs.
- Stage Flood Stairville LED RGBW 2 pcs.

Additional stage lighting equipment

- PAR 641000 W CP61 & 62 30 pcs.
- P.C. LDR Nota - 1000 W 10 pcs.
- P.C. LDR.- 500 W 6 pcs.
- Profile ETC 575W zoom 6 pcs.
- Profile ETC 750 W zoom 25-50 10 pcs.
- Profile Robert Juliat 1200 W 6 pcs.
- Follow spot 1200 W 2 pcs.
- Moving Head Martin Entour 350 LED 2 pcs.
- Moving Head Martin Aura Wash LED 10 pcs.
- Moving Martin Quantum Wash LED 2 pcs.
- Stage Flood SGM LED RGBW 1 pcs.
- Stage Flood Stairville LED RGBW 2 pcs.
- Spectra Licht LED RGBW 6 pcs.
- PAR LED 36 5 pcs
- Profile ETC LED RGBW Source four S1 4 pcs.
- Profile ETC LED RGBW Source four S2 4 pcs.

Special effects equipment

- Light smoke machine Martin 1800 2 pcs.
- Heavy smoke machine JEM Glacier Martin 1 pcs.
- Light smoke JEM Martin 2 pcs.

- Haze JEM Martin 1 pcs.

Sound system

Fixed audio installation in the hall - digital

- Yamaha QL5 1 pcs.
- Yamaha R08-D 1 pcs.
- Yamaha RIO 168-D 2 pcs is not fixed
- boxes JBL VRX front of the hall - 2x1000W (line array+sub)
- boxes JBL VRX back of the stage - 2x1000W (line array)
- boxes JBL PRX back of the stage - 2x500W audio
- transmission through Ethernet (Dante Network)
- Player Laptop Apple with QLab 4/5 software connected via DVS (Dante Virtual Soundcard)
- Player Tascam SS-CDR200 - SD Card, CF Card.
- Player Tascam SS-R100

Microphones:

- Sennheiser (headset): EW 300 G2 and G3 14 pcs.
- Sennheiser wireless (handheld) 4 pcs.
- Shure SM 58 6 pcs.
- Neumann KM183 2 pcs.
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- DPA 4099 8 pcs.
- AKG C 414 2 pcs.
- stage monitors RCF 200W 2pcs.

Video:

- Mixer Roland U-40HD 1 pcs.
- Mixer video Edirol V4 - 4 chanel 1 pcs.

- Videoprojector laser Panasonic RZ970-10 000 lm, ultrawide, wide, normal lens 2 pcs.
- Videoprojector laser Panasonic RZ570 6000 lm, fixed lens 2 pcs.
- Mechanic shutter DMX512 2 pcs.
- Cables HDMI 70m 2 pcs.
- Cables HDMI 20m 5 pcs.
- Cables VGA 5-10m 5 pcs.
- Cables RCA 20m 5 pcs.
- Extension VGA-Ethernet-VGA 20>80m
- Splitter video 4xVGA 2 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).
- wireless bi-directional intercom system for the technicians (5 headsets)