

TECHNICAL SPECIFICATIONS STADSSCHOUWBURG

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LOADING AREA

- artist entrance, parking and loading docks: Kruitgracht (backside Stadsschouwburg)
- trailer lift outside, maximum weight 30.000 kg, door 2,95m x 2,90m
- trailer lift inside, maximum weight 20.000 kg, door 2,40m x 3,80m
- various loading tools, utility/hand trucks, scenery dollies and pallet jacks available

PARKING

Backstage parking (Kruitgracht) is locked by a gate and limited to a maximum of 3 cars. Reservation via production is necessary. Nearby parking garages are: P-UMCG Noord (Antonius Deusinglaan 1), P-Damsterdiep (Damsterdiep 5) and P-Boterdiep (Bloemsingel 10).

FIRE RESTRICTIONS

There are strict regulations governing the use of pyrotechnical devices, smoke and fire effects on stage. Please contact us well in advance if your production involves anything like this.

DRESSING ROOMS

3 large (group) dressing rooms (2 with shower and toilet, 1 with toilet), 2 large dressing rooms (without shower and toilet), 4 small dressing rooms for 2 to 3 persons (1 with tv, all with shower and toilet). All dressing rooms are lockable and are furnished with tables, chairs, mirrors, adequate lighting, power outlets and a clothes rack. Fridge, ironing board, iron, washing machines and thumble dryers are available. SPOT Groningen cannot be held responsible in case of theft.

GREEN ROOM

• spacious room with dining tables and chairs • hot drinks machine • microwave oven, fridges and heat lamps • plates, cups, cutlery and glassware • wardrobe

PRODUCTION OFFICE AND WIFI

A small production office and WIFI is available.

SHOWTIMES

Unless otherwise agreed, standard showtimes are

- evening 20:15 • matinee 14:30 • youth 19:30
- house opening in consultation with technical staff

AUDITORIUM AND SEATING CAPACITY

- Matcham style theatre with stalls, parterre, dress circle, grand circle, upper circle and boxes in renaissance style
- 750 seats, of which 58 over the orchestra pit

PERFORMANCE AND SEATING BANK ON STAGE

- 152 seats
- seating bank 13m wide and 5m deep
- total playing area 18m wide and 11m deep
- in consultation with the technical staff the seating capacity can be expanded to 174, in that case the playing area will subsequently be reduced to 10m deep

ORCHESTRA PIT

- orchestra level -3.93m • parterre level -0,88m • stage level 0m

FRONT OF HOUSE CONTROL POSITIONS

- rear of the parterre in the centre 3,80m x 1,75m
- control room in the rear of the dress circle in the centre 2,90m x 1,25m

STAGE FLOOR

- wooden stage floor (Keroewing)
- max. weight 500 kg/m²
- rake 0%
- black dancefloor 18,5m wide and extendable to 21,5m wide (with downstage to upstage wings)
- 4 cable traps / gutters (2 each side)

FRONT CURTAIN

- red colour
- traveller style, manual operation downstage left
- wagner style, electric control downstage left

STAGE DRAPES

- black
- fabric: wool serge (BS 5867-2)
- 7 pairs of legs: 6 pairs of 8,6m, 1 pair of 9m
- 7 borders: 6 x 3m, 1 x 5m
- 2 full black (made from legs)
- 1 mini full black: 14,5 x 9m (used as front black guillotine on the bar between the portal bridge and the front curtain)
- travelling side black masking on rails, under the LX bridges left and right (can be made full stage height by means of additional travelling masking hanging from the grid level down to the LX bridges)
- 1 cyclorama 15 x 10m
- 1 black gauze 19 x 9m

STAGE DECKS

- 36 stage decks 2m x 1m
- 5 stage decks 1m x 1m
- 10 stage decks 0.5m x 1m
- various legs (20cm, 40cm, 60cm, 80cm, 100cm, 120cm, 160cm en 200cm)

PROMPT DESK AND MISCELLANEOUS

- prompt desk downstage left • 12 prop tables • 65 orchestra chairs
- 12 masking flats (approx. 3m tall) • 60 music stands with LED lights (DMX control possible)
- 1 conductor stand with LED lights (DMX control possible)

STAGE DIMENSIONS (* from centre)

HEIGHTS (from stage to floor)

- height to fly floor 18,60m
- flybar height 17,60m
- portal bridge maximum height 8m, minimum height 0,5m
- proscenium opening 7,75m
- height to underside of lower bridge stage left 2,19m
- height to underside of LX bridges left and right 8,12m
- drop to auditorium floor at row 1 from stage level 0,88m
- orchestra pit is -3,93m from stage level

DEPTHS* (from the rear of the tormentors/portal bridge, not the front of the stage)

- depth to back wall 14,22m • depth to furthest upstage fly bar 13,40m
- rear of tormentors 0m, front of tormentors -0,70m
- front curtain -1,20m
- rear side of iron / fire curtain -1,44m • front side of iron / fire curtain -1,68m
- rear side of proscenium arch -1,82m
- front edge of stage -2,57m
- front edge of orchestra pit -6,40m
- front edge of dress circle -13,32m
- rear wall of auditorium -19,32

WIDTHS*

- stage area from wall to wall 27,80m, 13,90m stage right and 13,90m stage left
- width between LX bridges 21,79m, 11,03m stage right and 10,76m stage left
- width between LX bridge stage right and lower side bridge stage left (flying control computer system bridge) 21,73m. From centre: 11,03m stage right and 12,44m upstage left (upstage of approx. flybar 30) / 10,76m downstage left (downstage of approx. flybar 30)
- proscenium opening 10,60m, 5,30m stage right and 5,30m stage left
- opening between tormentors: maximum 13,00m, 6,50m stage right and 6,50m stage left
- opening between tormentors: minimum 11,00m, 5,50 stage right and 5,50m stage left
- downstage of proscenium / orchestra pit 11,50m, 5,75m stage right and 5,75m stage left

FLYING SYSTEM

- computer controlled flying system from Trekwerk (TNM)
- Synchrodisc winches
- flybar length 19,40m
- ladder bar 48mm at bottom and 77mm at top
- 8 steels per bar
- point load 170kg
- maximum speed 1,80m/s
- maximum height 17,60m
- minimum height 0,05m
- flying control system located on the lower bridge stage left or on the stage level stage left
- maximum load per bar 500 kg (300kg for the 4 sidebars and 2 non programmable bars)
- 62 programmable flybars + 1 bar between portal bridge and house curtain + 4 sidebars
- 2 non programmable motorised additional flybars (manual control, 1 behind the portal bridge and 1 in front of the rear wall). Please note: The bar behind the portal bridge cannot travel past the portal bridge.

RIGGING

- Prolyte H30D truss, 2x 4m, 1x 2m
- Prolyte H30V truss, 6x 4m, 1x 2m
- slings, shackles, 'roedeboeien' and load levellers
- various lengths of steel cables (1m, 2m, 4m, 6m & 8m)

HEIGHT ACCESS EQUIPMENT

- Alp lift 11m battery
- various ladders

LIGHT SPECIFICATIONS

FIXED FIXTURES

- see lighting plot

LOOSE FIXTURES

- 16x PC 1 KW A.D.B. (with barndoor)
- 24x Profile 1 KW Robert Juliat ZEP (zoom profile 16° - 35°)
- 12x Fresnel 2 KW ADB F201 12° - 61° (with barndoor)
- 28x PAR64 Longnose (cp62, cp61 and cp60)
- 4x sixbar PAR64 Longnose (cp62, cp61 and cp60)
- 6x PAR64 Shortnose floor model (cp62, cp61 and cp60)
- 2x follow spots Robert Juliat 2,5 KW Halogen, located grand circle left and right
- 14x ETC S4 Lustr2 LED with cyc adapter
- 8x Clay Paky A. Leda B-Eye K10 CC

DIMMERS

- fixed: 190x ETC Sensor3 ThruPower (see lighting plot)
- portable: 108x MA Touring Dimmer 2,5kW H8
- portable: 6x 1 channel 2,5kW schuko

COLOUR FILTERS

- selection of the most used colours from the LEE-series

DATA

- CAT6 / DMX 5P ports throughout the whole auditorium and on stage

MAINS POWER 380V 3P+1N+1E STAGE

- 3x CEE-form 125A connections (2x midstage right, 1x midstage left)
- 1x CEE-form 63A connection (midstage left)
- 2x CEE-form 3x 16A (1x midstage right, 1x midstage left)
- 2x break out box 125A > 2x 63A/380V, 2x 32A/380V and 3x 16A/230V
- 3x CEE-form 125A cable 5 pole 5m
- 1x CEE-form 32A cable 5 pole 25m
- 2x CEE-form 32A cable 5 pole 20m
- 2x CEE-form 32A cable 5 pole 10m
- 2x CEE-form 32A cable 5 pole 5m
- 2x break out box 32A > 6x schuko

MAINS POWER 380V 3P+1N+1E for outside broadcast units

- 1x 63A
- 1x break out box 63A/380V > 2x 32A/380V

LOOSE CABLES

- CEE-form 16A 3 pole
- Schuko
- DMX 5P
- CAT6
- PowerCON TRUE1 / DMX 5P combi
- Harting-8
- break outs, plug boards and adapters

STANDS

- 15x windup with spigot (up to 3,5m) • 12x floor stands

LIGHTING CONTROL

- grandMA3 light
- Roadhog4

HAZE & FAN

- MDG ATMe • JEM AF-1

SOUND SPECIFICATIONS

AUDIO POWER

- downstage right and left 1x 32A/380V CEE connection (3P+1N+1E)
1x 16A/230V Schuko + CEE connection
- upstage right and left 1x 16A/230V Schuko connection
- parterre control position 1x 16A/230V Schuko + CEE connection
- control room position 1x 32A/380V CEE connection (3P+1N+1E)
1x 16A/230V Schuko + CEE connection

AUDIO INTERFACE

- NTP Penta 721

AUDITORIUM SYSTEM

- 2x d&b V10P L/R auditorium
- 2x d&b V7P L/R dress circle
- 2x d&b V7P L/R grand circle
- 2x d&b E6 L/R infill auditorium
- 2x d&b B22 L/R sub
- 8x d&b S5 L/R outfill auditorium and dress / grand / upper circles
- 2x d&b E6 L/R rear upper circle
- 8x d&b T10 center cluster
- 2x d&b Y-Sub sub center
- 6x d&b S5 delay center cluster loge auditorium
- 4x d&b E4 front fills

AMPS AUDITORIUM SYSTEM

- 2x d&b 30D
- 6x d&b 10D

LOOSE SPEAKERS

- 4x d&b audiotechnik Y10P top, incl. pan/tilt bracket
- 4x d&b audiotechnik B6 sub
- 4x d&b audiotechnik E6 top, incl. pan/tilt bracket
- 7x Martin Audio LE1200 monitor
- 4x Behringer B205D hotspot

LOOSE AMPS

- 3x Powersoft M50Q 4-channel amplifier
- 2x d&b audiotechnik D20 4-channel amplifier

MICROPHONES

- 4 x AKG C214
- 2 x AKG C451B• 1 x AKG D112
- 2 x Audix D2
- 2 x Audix D4
- 1 x Audix D6
- 1 x Audix i5
- 4 x Crown PCC 160
- 2 x DPA 2011
- 4 x DPA 4099
- 8 x Neumann KM 184
- 4 x Neumann KMS 105
- 2 x Sennheiser E604
- 4 x Sennheiser E904
- 2 x Sennheiser E906
- 2 x Sennheiser MD421
- 2 x Shure Beta 52a
- 1 x Shure Beta 56a
- 2 x Shure Beta 57a
- 4 x Shure Beta 58a
- 2 x Shure Beta 87a
- 1 x Shure Beta 91a
- 6 x Shure SM57
- 6 x Shure SM58

DI'S

- 8 x BSS AR113
- 2 x KT DN200
- 1 x ASL TR-1 isolation box
- 2 x Radial AV -2
- 2 x Radial USB PRO

WIRELESS SYSTEMS

- 2 x Shure AD4D 2 channel receiver including: 2 x Shure AD 1 beltpack, 2 x Shure AD 2 handheld with Beta58A head and 2 x DPA 4166 headset (omni-directional)

SOUND CONTROL

- 1 x Midas M32 (32 in/16 out)
- 1 x Midas M32R (16 in/18 uit)
- 2 x Midas DL16 stage rack (16 in/8 out)
- 1 x Allen & Heath MixWizard WZ4 12:2 (8 mono in/2 stereo in)

Available on request

- 1 x Midas Pro1/2c/2 including patch
- 2 x Midas DL231 24 in/24 out stageblock

EFFECTS AND OUTBOARD

- 1x BSS DPR 404 (4 channel compressor)
- 1x Klark Teknik square one (8 channel compressor/gate)
- 2x Klark Teknik DN370 (equalizer)
- 1x Klark Teknik DN360 (equalizer)
- 1x Lexicon PCM 91 (reverb)
- 1x Yamaha SPX 2000 (multi effect)
- 2x Tascam CD-500B (CD player)
- 2x Tascam MD350 (MD player)

AUDIO INFRASTRUCTURE

- 48 channel analogue multicable in the following positions:
 - control room 48x xlr-f
 - parterre control 04x LK37-M + LK150-M
 - house right amp loge 48x xlr-f
 - downstage right 48x xlr-f & xlr-m, per 12 channel on LK37-M
 - downstage left 48x xlr-f & xlr-m, per 12 channel on LK37-M
 - upstage right 24x xlr-f (channel 1-24), 1-48 per 12 channel on LK37-M
 - upstage left 24x xlr-f (channel 1-24), 1-48 per 12 channel on LK37-M
- 12 channel analogue multicable from downstage left to orchestra pit
- 12 channel analogue multicable from downstage left to the dress circle foyer
- 8 channel digital multicable AES/EBU from / to the following positions:
 - control room => downstage left
 - parterre => downstage left
 - parterre => amp loge
 - downstage left => amp loge
 - downstage right => downstage left

CABLES

- XLR cables (1,5m, 3m, 6m, 9m and 15m)
- Jack cables (2,5m, 5m, 10m and 15m)
- speakON NL4 cables (1,5m, 2,5m, 5m, 10m, 15m and 20m)
- SpeakON NLT8 M/F cables (5m, 10m, 15m and 20m)
- LK37 F/F cables (5m, 10m and 20m)
- selection of XLR couplers and adapters
- selection of jack couplers and adapters
- LK37 12 channel stage box
- LK37 M/M coupler
- LK37 cable break-out (xlr-m / xlr-f)
- speakON NLT8 M/F break-out boxes
- speakON NLT8 M/F cable break-in

STANDS

- extensive set of K&M microphone stands:
 - high / high with small base / low / extra low
 - round base high / medium / low
 - table stands
 - various table clamps, pipe clamps, instrument clamps
- Gravity speaker stand
- Gravity wind-up speaker stand

COMMUNICATIONS

- Riedel 2 channel digital wired intercom system with connections in the following positions:
 - control room
 - parterre control position
 - prompt desk
 - follow spot positions
- Riedel Bolero digital wireless intercom system with 10 beltacks
- various Beyerdynamic and Pliant headsets

VIDEO

- SDI infrastructure in the auditorium and on stage with a hard patch and SDI splitter (1 in / 9 out) downstage left. There are connections on the following positions:
 - downstage right, midstage right, midstage left, parterre control position, control room
- SDI cables (2,5m, 5m, 10m, 15m and 20m)
- decimator HDMI => SDI converter
- 75Ω infrastructure with BNC connectors. There are connections on the following positions:
 - control room, parterre control position and downstage right
- RGBHV connectors for the colour and infrared stage cameras downstage left, parterre control position and control room

STAGE MONITORING AND SHOW RELAY

- stage monitoring available on the following locations:
 - downstage right and left, prompt desk, green room, front of house café and maestro dressing room
- show relay is available on the following locations:
 - all dressing rooms, visiting production office, main production office, green room, corridors, front of house café and all front of house foyers
 - alle kleedkamers, kantoren productie en directie, artiestenfoyer en theatercafé

PIANOS

- grand piano Yamaha C7 (2001) standard 440hz
- piano Rönisch (2000) standard 441hz

If a piano is required, please contact production well in advance.