



Technical Specifications

Kjøpmannsgata 48, 7010 Trondheim, Norway

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Welcome to Olavshallen!

This document collects access, facilities and technical equipment for the Main Hall and Small Hall — for use by promoters and technical crew when planning your visit.

Contact

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Head of Stage Technology	Trond Dybfest	tdy@olavshallen.no	+47 90 94 81 70
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1. Access

1.1 Directions

Load-in address: Krambugata 12, 7010 Trondheim

Load-in coordinates: 63°26'01.6"N 10°24'10.6"E

Stop outside the red gate on the right-hand side of the one-way street.

1.2 Parking — buses and trucks

Parking is right outside load-in, about 3 m from the lift that takes you and your equipment down to stage level. Space for 2 large vehicles on the street outside the lift.

- Bus power: 1 × 230V/16A schuko, 2 × 400V/32A, 2 × 400V/63A
- Parking: NOK 650 per day per vehicle (as of February 2026), same coordinates as load-in
- More than 2 buses/trucks: must be arranged at least 2 weeks before arrival, and booked through Trondheim Parkering (2-week booking lead time, fee applies, parking in the nearest side street)
- Power cables and any cable ramps must be brought by the artist, or hired in if needed

1.3 Building access

An access code for Olavshallen will be provided by your contact person ahead of arrival.

Lift dimensions: 3 m depth, 7.9 m width, 3.5 m height. Load capacity: 3,500 kg.

Distances to other cities

To	Distance	Driving time
Værnes Airport	36 km	36 min
Oslo	495 km	6 h 22 min
Bergen	663 km	9 h 42 min
Stavanger	842 km	13 h 20 min
Stockholm	800 km	9 h 47 min
Gothenburg	783 km	9 h 39 min

Copenhagen	1095 km	13 h
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Driving and rest time not included.

2. Facilities

Olavshallen wants everyone performing with us to feel their best before going on stage. Our backstage facilities are of the highest quality, with everything you need to relax and prepare.

2.1 Backstage Main Hall

- Prep kitchen in the backstage area
- Lounge/relaxation area
- Four dressing rooms with shower, sofa, toilet and fridge
- Three meeting rooms, which can also be used as dressing rooms or a production office
- Additional rooms can be made available on request
- Washing machine and tumble dryer available
- The lounge, dressing rooms and meeting rooms all have screens showing the stage feed

2.2 Food and catering

Excellent dining options on site: Olavstorget Street Food and Ciabatta. An artist host and various catering options are available on request — prices on request.

2.3 Accommodation

We have favourable terms with Clarion Collection Hotel Grand Olav (in the same building). Rooms can be booked directly with the hotel using our agreement.

2.4 Other

- Merch: a stand is placed on the bridge over Olavstorget in the foyer, 2nd floor. Extra staff can be hired for sales at additional cost
- Stagehands available on request, hired for a minimum of 4 hours per booking (can be split 2 + 2 hours)

Store sal



The Main Hall is split into two levels and can be configured in several ways, which can be used to extend the stage or make use of the orchestra pit. Using the orchestra pit reduces audience capacity by 94 seats (4 rows).

Capacity	
Stalls	812 seats, incl. 15 wheelchair spaces (row 11)
Balcony	458 seats, + 34 restricted-view seats
Total	1,304 seated audience

3.1.1 Stage

Orchestra pit: 3.5 m depth at its narrowest, 4.5 m at its longest, 15.8 m wide.

- Max stage size: 20 × 20 m. Height to grid: 22 m + 2 m to ceiling
- Proscenium opening: 18.5 m wide, 10 m high
- Side stage SR: 4 × 17 m · Side stage SL: 3.5 × 20 m
- Upstage: 5 × 23 m · Orchestra pit: 3.5 × 1.5 m

Nivtec staging modules	Quantity
2 × 1 m	61
2 × 0.5 m	17
1 × 1 m	5
1 × 0.5 m	13

Legs in heights up to 80 cm, railings required above 80 cm. Good selection of castor legs.

3.1.2 Power

All 3-phase power outlets are CEE (IP66 3P+N+E)

- Stage Left: 1 × 400A Powerlock, 1 × 125A 400V, 1 × 63A 400V, 2 × 32A 400V
- Stage Right: 1 × 63A 400V, 2 × 32A 400V
- 2 × mobile PDU, 24 channels socapex/schuko

3.1.3 Rigging

- 42 motorised flybars in total, 18 m length
- 7 × dedicated to LX (lighting) · 2 × dedicated to travellers/legs
- 1 × front curtain, black, opens sideways or up/down
- Max fly speed: 800 mm/s
- Capacity: LX1–LX7 max 700 kg distributed load · T1–T33 max 550 kg distributed load

3.1.4 Restrictions

- Sound limit: 103 dB(A) LAeq for 15 min, 99 dB(A) for 30 min
- Use of confetti, balloons or similar incurs an extra cleaning fee (see price list). Pyro and confetti must be agreed in writing with Olavshallen
- Tape on the stage floor must be removed after the event — a fee of NOK 1,500 applies if not

4. Sound

Three sound packages available, depending on need.

4.1.1 PA connection

- 30 × Adamson S10 (15 per side)
- 12 × Adamson S-119 subs (6 flown)
- Front fill: 8 × Adamson PC5 · Delays: 4 × Adamson PC8, 2 × Adamson PC6
- Processing: Lake LM-44, analog or AES3 XLR input

Hirer supplies their own mixing console, monitors and other necessary accessories.

4.1.2 Standard sound system

PA as in 4.1.1, plus: Midas HD96 mixing console, 1 × speech microphone. Hirer supplies their own monitors, microphones and other necessary accessories.

4.1.3 Large sound system

All of 4.1.2, plus stage monitors:

- 14 × CODA Cue Four · 6 × CODA Cue Two · 2 × CODA G18 sub
- All microphones (excl. wireless), stands, cabling and necessary accessories

4.1.4 Additional sound equipment

Monitor mix: Midas HD96 · Midas Pro2C

Wireless: Shure Axient Digital (14 channels) · Sennheiser EW G4 In-Ear (4 stereo sets, excl. earpieces) · a range of wireless bodypacks, headset and handheld microphones

- A selection of quality microphones
- 2 × EV Evolve 50 PA systems
- GreenGo intercom · Walkie-talkies

5. Lighting

Two packages available, depending on number of fixtures or stage size.

5.1.1 Standard lighting Main Hall

See attached plot. Bars in use: LX1, LX4, LX5 and side front.

- 19 × Mac Aura PXL, compact mode (6 as front light)
- 16 × Mac Ultra Performance, standard mode (5 as front light)
- 10 × ADB 2kW Zoom-Profiles, as front light
- 7 × 1300W 2-lite blinders, passive
- GrandMA3 Fullsize console
- 250 × dimmer channels at 13A, for optional client lighting
- sACN control network with connection nodes on USL and USR

5.1.2 Large lighting rig Main Hall

Standard lighting rig plus lighting bars LX2, LX3 and LX6: 20 × Mac Aura PXL compact mode, 7 × Mac Ultra Performance standard mode.

5.1.3 Additional equipment

Cannot be used in the Small Hall and Main Hall simultaneously

- 7 × Martin Mac Aura XiP
- 6 × Mac Viper Profile (retiring after 1 Feb 2027, replacement pending)
- 24 × ETC Source profile 15–30°, HPL 750
- 6 × ETC Source Four JR 26°, HPL 575
- 18 × 1kW Fresnel CCT Starlette
- 40 × PAR 64
- 16 × PAR64 shortnose
- 20 × Bright XLed HD
- 18 × Bright Xbar
- 1 × MDG ATMe hazer
- 1 × MDG Atmosphere
- 1 × MDG Ice Fog compact
- 1 × Jem ZR 45 smoke machine
- 2 × Follow-Me controllers (can link to existing Mac fixtures or client-supplied fixtures, operator cost applies)

5.1.4 Network

- sACN IP range: 10.0.51.51–255 on a dedicated VLAN with DHCP
- ArtNET IP range: freely chosen, dedicated VLAN without DHCP
- Option to set up separate isolated VLANs
- 6 × direct Ethernet CAT6e lines to stage from FOH

6. AV and streaming/recording

6.1.1 Projectors

- 2 × MicroCue 3, PowerPoint clicker with laser
- 1 × Barco UDM-4K22, 19,000 ANSI lumens, front projection
- 1 × Barco HDX-W20 Flex, 2.5 kW xenon, 20,000 lumens, rear projection (incl. screen, grey or white)

Package	Cameras	Audio	Crew
Package 1 (small)	1	Direct from PA	—
Package 2 (small)	2	Direct from PA	Technical AV crew
Package 3 (medium)	4	Direct from PA	Technical AV crew
Package 4 (large)	6	Multitrack	Technical AV crew

7. Backline

- 1 × VOX AC30 guitar amp
- 1 × Ampeg SVT810 bass amp + cabinet
- Mapex Saturn 5-piece drum kit: 22" kick drum, 14" snare, 12"/13"/14" rack toms, 16" floor tom, Zildjian K-series cymbals

8. Staffing

The Main Hall is always staffed with at least a stage manager (responsible for everything on stage), a lighting technician and a sound technician. Additional technicians are added as needed, including AV technicians; loaders/riggers are booked as needed. When house technicians have no tasks on stage, they are based at the technical office next to the stage and can be called on for other tasks.

Changes to timing or relocation of the event with less than 10 days' notice will incur an additional cost on all staffing.

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The Small Hall is a blackbox venue with or without tiered seating (see plot). The FOH position can be moved down to the floor when the tiered seating is not in use.

Capacity	
Seats in tiered seating	406
Standing on flat floor	550

9.1 Stage

- Dimensions without tiered seating: 18.5 × 16 m
- Dimensions with tiered seating: forestage 3 × 16 m, stage 5 × 12 m, 8 m from back wall to first row
- Side stage SL: 3.3 × 5 m · Side stage SR: 3.3 × 5 m
- Ceiling height on stage: 7.2 m · ceiling height in the hall: 5 m
- Nivtec spec: same as Main Hall

9.2 Power

- Stage right: 1 × 63A/400V · Stage left: 1 × 63A/400V
- 2 × mobile PDU, 24 channels socapex/schuko

9.3 Rigging

- 9 motorised bars for lighting, drapes and decor — of which 3 bars are out in the auditorium
- Max 200 kg working load on bars, max 60 kg point load between wire suspensions, max 100 kg load under wire suspension

9.4 Restrictions

- Sound limit: 103 dB(A) LAeq for 15 min, 99 dB(A) for 30 min
- Use of confetti, balloons or similar incurs an extra cleaning fee
- Tape on the stage floor must be removed after the event — a fee of NOK 1,500 applies if not

10. Sound

We operate with different sound packages.

10.1.1 PA connection

- 16 × VUE Audiotechnik al-8 line array (8 per side)
- 6 × VUE al-SB8 sub (3 per side, flown)
- 2 × front fill VUE h-8

Hirer supplies their own mixing console, monitors, microphones, cabling and stands.

10.1.2 Small Hall sound system

PA as in 10.1.1, plus: Midas HD96 mixing console, standard microphone package for band, 6 monitors (CODA Cue2 or Cue4).

10.1.3 Additional sound equipment

Monitor mix: Midas HD96 · Midas Pro2C

Wireless: Shure Axient Digital (14 channels) · Sennheiser EW G4 In-Ear (4 stereo sets, excl. earpieces) · a range of wireless bodypacks, headset and handheld microphones

- A selection of quality microphones
- 2 × EV Evolve 50 PA systems
- GreenGo intercom · Walkie-talkies

11. Lighting

Network: sACN (GrandMA3 nodes in mode 2), IP range 10.0.53.xx with DHCP server — you are assigned an IP between 101–254 (house equipment on fixed addresses below 100).

11.1.1 Standard lighting rig

- 12 × Martin Mac Aura XiP
- 12 × Martin Mac Encore Two
- 12 × ETC Source4, 750W HPL, 15–30°
- 6 × CCT Fresnel 1kW
- 60 × Elation Fuze Pendant compact (auditorium lighting, full colour)
- 1 × GrandMA3 light

11.1.2 Large lighting rig

- 18 × Martin Mac Aura XiP
- 18 × Martin Mac Encore Two
- 12 × Bright XLed (side light)

- 6 × Elation SOL 1 blinder
- 12 × ETC Source4, 750W HPL, 15–30°
- 6 × CCT Fresnel 1kW
- 60 × Elation Fuze Pendant compact (auditorium lighting, full colour)
- 1 × GrandMA3 light

11.1.3 Additional equipment

Cannot be used in the Small Hall and Main Hall simultaneously

- 7 × Martin Mac Aura XiP
- 6 × Mac Viper Profile (retiring after 1 Feb 2027, replacement pending)
- 24 × ETC Source profile 15–30°, HPL 750
- 6 × ETC Source Four JR 26°, HPL 575
- 18 × 1kW Fresnel CCT Starlette
- 40 × PAR 64
- 16 × PAR64 shortnose
- 20 × Bright XLed HD
- 18 × Bright Xbar
- 1 × MDG ATMe hazer
- 1 × MDG Atmosphere
- 1 × MDG Ice Fog compact
- 1 × Jem ZR 45 smoke machine
- 2 × Follow-Me controllers (can link to existing Mac fixtures or client-supplied fixtures, operator cost applies)

12. Staffing

The Small Hall is always staffed with at least a stage manager (responsible for everything on stage). Additional technicians are added as needed, including lighting, sound and AV technicians; loaders/riggers are booked as needed. The stage manager cannot run lighting and sound at the same time.

Changes to timing or relocation of the event with less than 10 days' notice will incur an additional cost on all staffing.

13. AV and streaming/recording

13.1.1 Projector

- Panasonic PT-MZ20KL, 20,000 ANSI lumens, WUXGA, 3LCD lens 0.95–1.35:1
- Screen 8 × 6 m, placed at the back of the stage
- Screen 5 × 6 m, placed in front of the forestage curtain

13.2 AV additional equipment

2 × MicroCue 3, PowerPoint clicker with laser.

Package	Cameras	Audio	Crew
Package 1 (small)	1	Direct from PA	—
Package 2 (small)	2	Direct from PA	Technical AV crew
Package 3 (medium)	4	Direct from PA	Technical AV crew
Package 4 (large)	6	Multitrack	Technical AV crew