Stoa Tech specs 2025 Main stage “Theatre Hall”

Helsinki

Welcome to Stoa, Helsinki, Finland.

We are looking forward to see you here at Stoa!

Last updated: 7.8.2025

If you have any questions, please do not hesitate to contact us:
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On arrival, security tel. +358 40 160 3755

Other contact details http://www.stoa.fi/en/contact

Below you will find general information and technical specifications for the Main Stage

General information

Seating capacity

Standard setting: 231 seats in 10 rows, ascending from stage level.
The seating is a retractable system, for a club setting or for a larger stage area.

Club setting, with seating retracted: up to 25 round tables & 95 black chairs.
More seats possible if additional seating is in rows and without tables, up to about 200.

Disabled access for wheelchairs on stage level and on mezzanine level, on both sides.

Load-in

Load-in straight to backstage.

Loading dock: 3.5 wide x 2.25m deep x 1.07m high

Lift to Loading dock: 2.25m wide x 1.5m deep

Loading Door: 3.1m wide x 3.9m high

Driving instructions

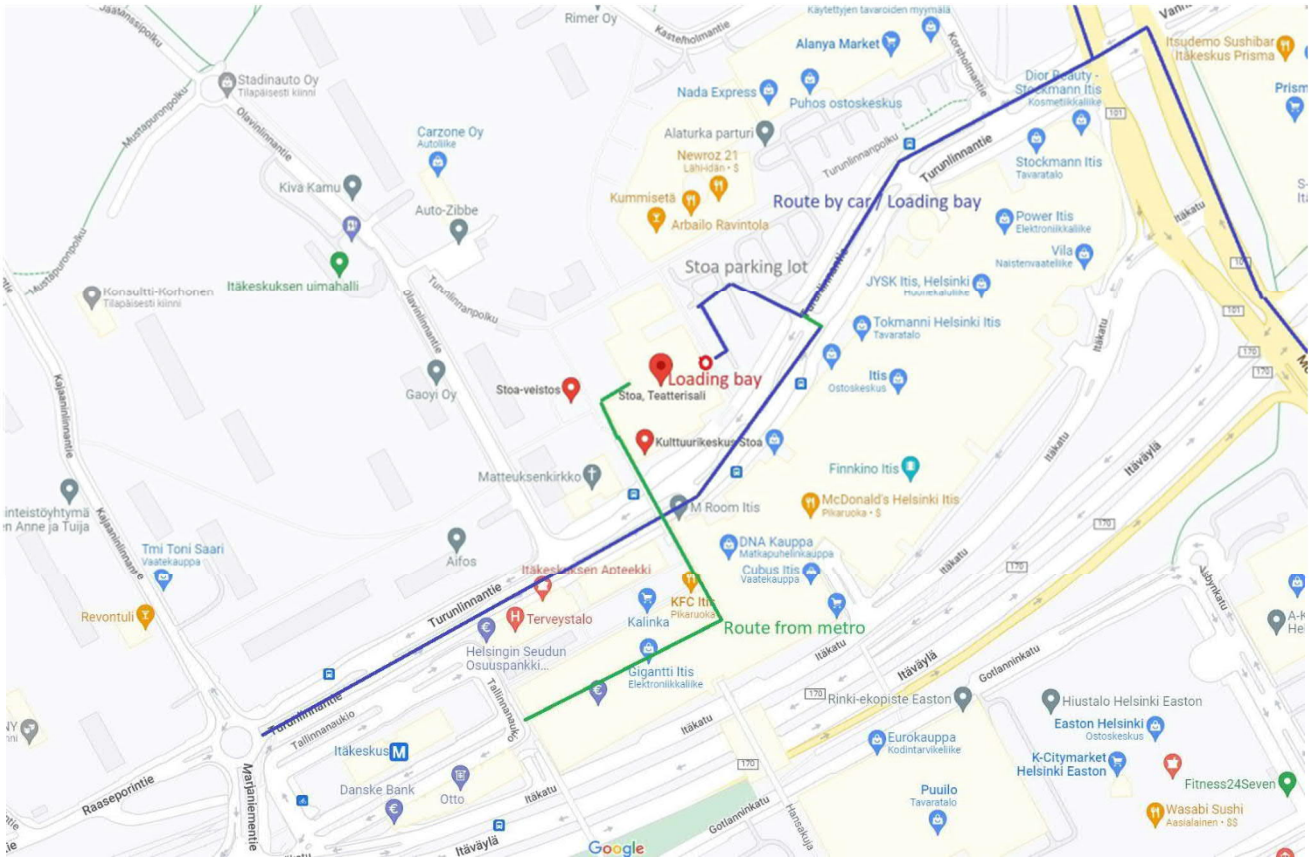
Stoa is on the east side of Helsinki, about 20 minutes' drive from both the city centre and the airport; that is, in normal traffic, during rush hour and in winter conditions it will take longer.

Metro from the Helsinki Central Railway station takes about 15 minutes and the walk form the Metro station about 5 minutes more.

Metro and bus station is next to the Shopping Centre ITIS, and Stoa is across the street from the shopping centre. In addition to the standard variety of shops, restaurants, bars, a movie theatre and specialty stores, there are two 24-hour supermarkets in the area, and a few hardware stores are located close by.

Address for GPS: Turunlinnantie 1, Helsinki, Finland.

(NB. Non-Finnish-language mobile phones and computers with Google Maps, may give the address in Swedish as Åbohusvägen 1, Helsingfors.)



Entrance / Parking (performers and crew)

Upon arrival, please contact Security tel. +358 40 160 3755.

There is a parking lot behind Stoa, adjacent to the loading dock (see driving instructions).

Remember to ask Security for a parking permit slip for each vehicle upon arrival.

Dressing rooms

Dressing rooms are on the second floor.

One room 4 x 4,5m; five places with mirrors.

Three rooms 2 x 4,5m; three places with mirrors in each room.

Wardrobe

Next to the dressing rooms; washing machine, dryer (cabinet type), iron & ironing board.

First aid

First aid kits include plasters, antiseptic wipes, elastic bandages, pressure bandages, gauze roll and pads. First aid kits do not include medicine. Nearest AED is in the lobby.

Kitchen

Kitchen is next to the dressing rooms, fridge, microwave, coffee machine, water kettle.
No food or beverages are allowed on stage.

Smoking

Stoa is a non-smoking venue. Smoking areas are located outside.

Wi-fi

Free Wireless internet. Connect to: ”Helsinki City Open WLAN”.

Technical specifications

Stage

16 x 14m full height stage area

19 x 14m wall to wall, including side space below the mezzanine.

Club setting; with seating retracted, 21 x 19m.

Black wood floor. Stage area (19x14) has 50 mm / 2” added chipboard surface, which means stage area is 50 mm / 2” higher than the original wood floor under the seating area. See floorplan for details.

Dance floor vinyl (Black / White / Grey)

30 x stage risers 1 x 2m (leg heights 200, 400, 600, 800, 1000mm)

Dark blue walls.

Black curtains on rails along sides and across the back of the stage, about 1m from the back wall.

Black curtain legs and side curtains.

Stage height 6,2 m below lighting bridges, 8,0 m to the grid, 7,2 m to the trusses

Six lighting bridges across stage, and side mezzanines. See floorplan for details.

Eight truss lines, triangular Slick Tri-Lite. Detailed plans in the Stoa Theatre Hall picture.

Any additional rigging needs to be planned thoroughly, due to ventilation pipe positions and load limits of the grid. Contact us if you have need for extra rigging.

Audio

FOH Digico Quantum 225 + MQ rack
Yamaha MG12XU 12-Input analog mixer
2 x Yamaha MG06 6-input analog mixer

A selection of condenser, dynamic and PZM microphones
6 x wireless receivers (Sennheiser EW 500 G3 series)
4 x handheld microphones (Sennheiser e965)
6 x beltback (DPA 4060 / DPA 4066 / DPA d-fine Directional)

Loudspeakers

L-acoustics ARCS wide & focus main L/C/R (LA4X amplifier) Fixed position
L-acoustics SB18m 4 pcs subwoofer (LA4X amplifier) Fixed position
L-acoustics SB15p 4 pcs subwoofer
L-acoustics 108P 10 pcs, four fixed as surround.
L-acoustics 112P 6 pcs

Meyer sound UPA-1P 4 pcs
Meyer sound 650-P 2 pcs (subwoofer)
Meyer sound USW-1P 2 pcs (subwoofer)
Meyer sound UM-1P 2 pcs (wedge)
Meyer sound UM-100P 4 pcs (wedge)

Genelec 1029A 10pcs

Light

Lighting console: GrandMA2 Light + GrandMA2 fader wing
Dimmers 174x 2,2 Kw + 30x 5 Kw

Moving
10 x Ayrton Ghibli TC
6 x Robe Robin LEDWash600+
4 x Robe DL4F Wash

Other Led Fixture
6 x Chroma-Q Color Force 72
6 x Elation SixBar 1000

Conventional:

Fresnell and PC
20 x DeSisti Leonardo/Monet fresnell 1200 W
22 x DeSisti Leonardo/Monet fresnell 2000 W
2 x DeSisti Leonardo fresnell 5000 W
2 x ADB SH50 fresnell 5000 W
18 x Selecon Compact PC 1200 W
10 x Selecon Rama PC 1200W

Profile
36 x ETC Source4 36 deg., 750 W
8 x ETC Source4 26 deg., 750 W
12 x ETC Source4 50 deg., 750 W
2 x ETC Source4 Zoom, 750W
10 x ADB zoom 15-42, 1200 W
4 x ADB zoom 13-42, 2000 W

Flood
24 x ADB ACV1001, asymm. 1000W
6 x ADB ACV1001, asymm. 1000W
10 x Phida PD1250N, asymm. 1000W

Other
40 x PAR64, black, 1000 W
2 x ADB Svoboda 9 x 250 W

Athmospherics + Effects
Look Unique DMX (hazer)
Pea Soup DMX IT (hazer)
BeamZ Stroboscope 1500W DMX

Statives
10 x Doughty Tank Trap, tubes 200 cm, boom arms 25 cm
10 x Side light towers, rugged construction for fixtures in three heights 50-130-200cm

Video

1 x HDMI video projector 11 000 ANSI lumens, WUXGA (1820 x 1200 px)
Christie D12WU-H, opt. 1.02-1.36:1

1 x Motorized projection screen (perforated white 9 x 6 m) fixed to the grid (behind the 5th bridge)

QLab4 software, Bluray/DVD player.

For moving images, QLab can play files in any format supported by AVFoundation. We strongly recommend the following formats, listed in order of preference, for videos without transparency:

ProRes 422 Proxy
ProRes 422 LT
PhotoJPG

For videos with transparency, also referred to as alpha channel support, we recommend:

ProRes 4444

Rigging
In addition to trusses and other “fixed” rigging, there are:

9 pcs of 180kg chain hoists,
2 pcs of 250kg chain hoists,
1 pcs 500kg chain hoist.

Our slings are soft-steel, no polyester or nylon allowed.

Five floor rigging points on both sides of the stage.

Personnel lift: UpRight UL25.

Any additional rigging needs thorough planning due to grid load limits and the positioning of the ventilation piping.

TV / media

The stage is suitable for media production; some basic data cabling from backstage to control rooms has been installed for TV broadcasts, along with separate power source. And there is space and cable access for OB trucks next to the load-in dock.

Helsinki

Helsingin kaupunki
Kulttuurin ja vapaa-ajan toimiala
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