



# **Stoa Tech specs 2023**

## **Main stage**

### **“Theatre Hall”**

**Helsinki**

# Welcome to Stoa, Helsinki, Finland.

**We are looking forward to see you here at Stoa!**

*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 & 100 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

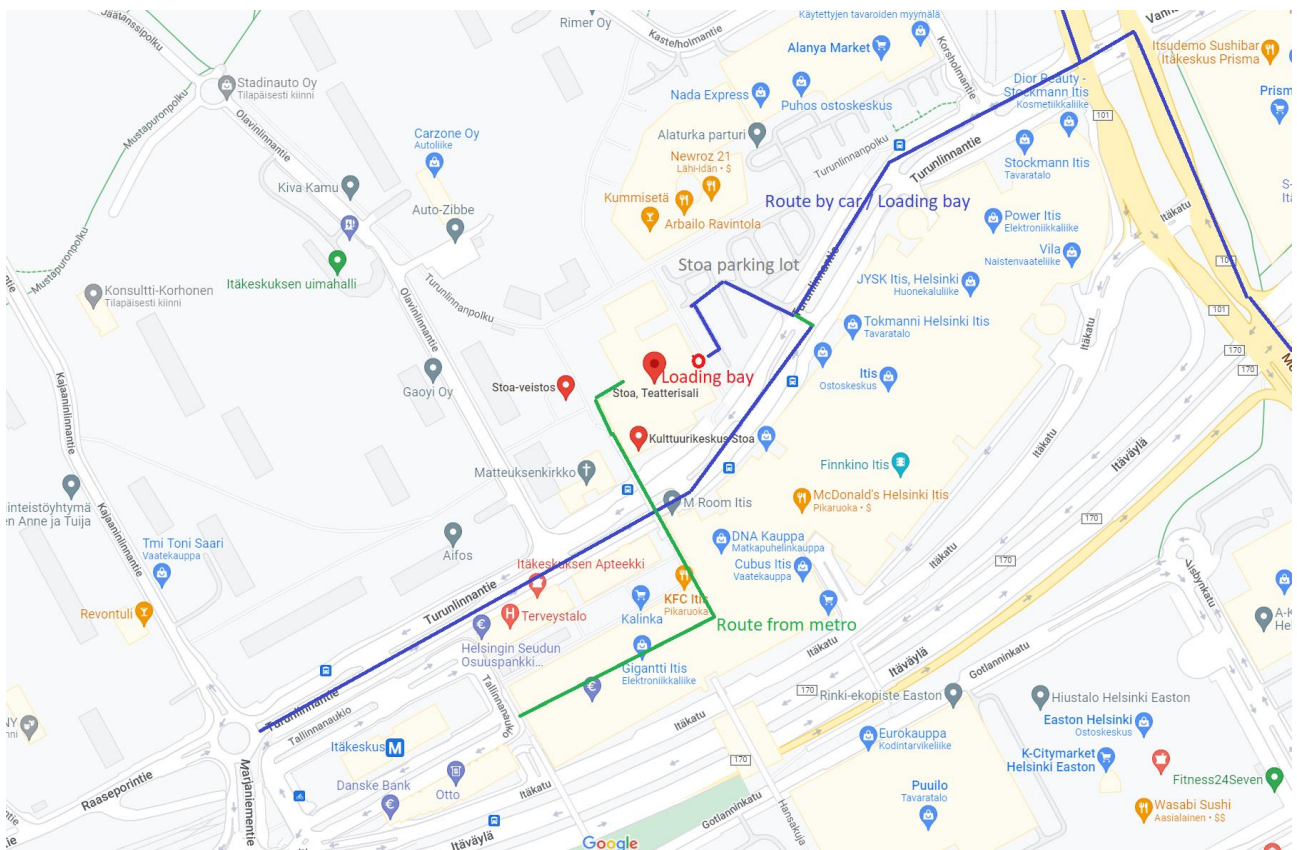
Stoa is on the east side of Helsinki, about 20 minutes' drive from both the city centre and the airport; that is, in normal traffic, during rush hour and in winter conditions it will take longer.

Metro from the Helsinki Central Railway station takes about 15 minutes and the walk from 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 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 cold packs, 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 SD9 + D-rack or D2-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 4 pcs.)

## **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 2 pcs subwoofer  
L-acoustics 108P 10 pcs, four fixed as side fills, two fixed as surround.  
Meyer sound UPA-1P 5 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 5 pcs (wedge)  
Genelec 1029A 10pcs

## **Light**

Lighting console: GrandMA2 Light + GrandMA2 fader wing  
204 dimmer lines (30 x 5 Kw + 174 x 2,2 Kw)

## **Moving**

10 x Ayrton Ghibli TC  
4 x Clay Paky Alpha Profile 700  
6 x Robe Robin ledwash 600+  
6 x Robe DL4F led 800

## **Fresnell and PC**

13 x DeSisti Leonardo fresnell 2000 W  
15 x DeSisti fresnell 1200 W (Leonardo+Monet)  
20 x Selecon Compact PC 1200 W  
2 x DeSisti Leonardo fresnell 5000 W  
2 x ADB SH50 fresnell 5000 W

## **Profile**

30 x ETC Source4 36 deg., 750 W  
10 x ETC Source4 26 deg., 750 W  
10 x ETC Source4 50 deg., 750 W  
10 x ADB zoom 15-42, 1200 W  
4 x ADB zoom 15-42, 2000 W

## **Others**

10 x PHIDA 1250N Studio Flood (asymmetric) (no barndoors) 1000W  
36 x PAR64, black, 1000 W  
2 x ADB Svoboda 9 x 250 W  
6 x Chroma-Q Color Force 72 (led)  
6 x Elation SixBar 1000 (led)  
8 x Elation Fuze Par Z120 IP (led)  
(+ miscellaneous older fixtures of various types)

## **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 between 50-200cm

## **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  
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