



TECHNICAL INFORMATION MAIN HALL MUZIEKGEBOUW AAN 'T IJ

GENERAL

Adress:	Piet Heinkade 1, 1019 BR, Amsterdam.
Artist entrance:	Right side (east-) side of the building, right side of the main entrance, next to the big loading doors.
Loading/unloading:	There is a large loading dock with 2 dock levellers. Only loading, no parking!
Parking:	There is a parking garage, with service elevator to backstage area.
Telephone general:	003120-7882010
Telephone ticketservice:	003120-7882000
Fax:	003120-7882020
Internet:	www.muziekgebouw.nl
Email:	post@muziekgebouw.nl
Seating capacity:	725 seats (494 main floor, 191 1st balcony, 40 2 nd balcony)
Standing capacity:	1300
Standard concert time:	8:15 p.m.
Dressing rooms:	2 large dressing rooms, 4 small dressing rooms

DIMENSIONS

Size: 30 m (l), 20 m (w), 10 m (h).
Stage size: 20 m (w), 9,75 m (d), 10 m (h).
After consultation the stage can be made larger by lifting the back wall, the stage is 20 m(w) x 15 m (d) then (rear stage is 20 m(w) x 5 m (d)).
The stage is 1m12 above street level. Smallest doorway between loading dock and stage: 3 m(w) x 3,5 m (h).
After consultation the floor can be lifted on stage level and the seats can be taken out or positioned in a different setup.

STAGE

4 x Steinway & sons D grand piano, standard tuning 442 Hz
4 x piano stools
72 x musicians' chairs 50 cm.
10 x cello chairs.
5 x double bass chairs .
70 x music stands (RAT).
35 x music stand lights.
1 x conductor's music stand.
1 x conductor's podium.
1 x speaker's desk.
55 x risers 2x1 m.
4 x risers 1x1 m.
Risers can be set on 20 cm, 40 cm, 80 cm and 100 cm height.
Ballet floor available after consultation.

HOIST FACILITIES

3 electric flybar's at the back of the stage (19 m): the back flybar with backdrop (night-blue), middle flybar with projection screen, front flybar with top masking curtain (night-blue). 2 electric flybar's on each side of the stage, side curtains (night-blue) optional.
Flybar's safe working load: equally max. 500 kg (2433 lbs), point load max 40 kg (194 lbs), ELL. Adjusting flybar's/curtains only after consultation.

There are 23 electric point hoists, equally spread across the auditorium. We adhere to the Dutch Code of Practice NPR 8020-10, which sets a maximum load of 500 kg (ELL) per hoist. There are limitations to this, so please consult us before use.

AUDIO

For F.O.H.-position seats have to be reserved in time.

ACOUSTICS

The Muziekgebouw aan 't IJ main auditorium has movable ceilings, by which the reverberation time can be adjusted from about 1.7 s to 2.4 s.

P.A.

F.O.H. :1 x Yamaha CL5

1x Yamaha Rio 3224D

1x Yamaha Rio 1608D

Line Array

D&B V-series Line Array

12 x D&B V8 loudspeaker

4x D&B V12 loudspeaker

2x D&B V10P loudspeaker infills

1x D&B V7P loudspeaker center cluster

5x D&B D80 amplifier

8 x Clair Brothers P2 (6x 60°/40°, 4x 90°/40°) loudspeaker

8 x Crown CTs 2000

SUB

2 x D&B JSUB Subwoofers

1 x D&B D80 amplifier

Frontfills

4 x D&B E6 loudspeaker

1 x D&B D6 amplifier

Monitoring

1 x Yamaha CL3

8x D&B Max12 loudspeaker

2x D&B 10D amplifier

4 x Shure PSM1000 IEM

Surround

8 x D&B 10S-D loudspeaker

2 x D&B 10D amplifier

Microphones

2 x Shure ß87B

3 x Shure ß58A

4 x Shure SM58

3 x Shure ß57A

1x Shure ß52A

3x Sennheiser e604

9 x Neumann KM140

1 x Neumann KMS105
2 x AKG C414 B-XLS
3 x Sennheiser MD421
2 x Crown PZM30D
4 x DPA 4099
2 x Klark Teknik DN200 Stereo Active DI's
2 x Countryman Type 85 Mono active DI's
2 x Radial J48 Mono Active DI's
2 x Radial JDI Passive Stereo DI's
2 x Radial JDI MK3 Passive Mono DI's
4 x DPA 4061 + XLR adapter + transmitter adapter
10 x DPA 4466 headset microphone
2 x Shure Axient Quad receiver AD4Q
3 x Shure Axient Dual receiver AD4D
10 x Shure Axient handheld mic AD2 Beta58
10 x Shure Axient Beltpack AD1

Intercom

5 x Wired Puntum Q110 beltpacks
3 x Pliant Crewcom CRP-22-2400 Wireless Beltpacks

Impaired hearing

Wireless system for impaired hearing

LIGHTING

There is a standard—non-adjustable—orchestra lighting rig on the permanent stage, consisting of:
32 x ETC Desire D60, mode HSIC Str/fan (7ch)

1 x ETC Apex 5 lighting console

26 x ETC Halcyon Silent HF (combined color mixing, 540° pan, 61ch) in fixed positions.
30 x 1kW Selecon Pacific 14-35°.
14 x 1kW Niethammer profile 12-24°.
10 x Selecon Arena 2kW PC with barn doors.
20 x ETC PAR (750 Watt)

Loose lighting units (for the main hall, small hall, and front building):

12 x CLF Juno RGBW battery-powered spots
6 x ADJ Focus Flex L7 (25ch mode)

86 x 3kW dimmers.
18 x 5kW dimmers.
48 x 16A switch channels

Dimmer connections: CEE-form

Switch connections: Schuko

All four walls can be illuminated with indirect LED lighting.

There is an sACN network.

If using your own lighting console, please use an IP address within the range 10.40.101.11 to 10.40.199.250, with a subnet mask of 255.255.0.0, in accordance with Fent (<https://www.fent-tech.nl/>).

If using your own nodes on our network, please also use universes ranging from 1001 to 2000 within the above mentioned IP range, in accordance with Fent.

DMX connections: stage left, stage right, lighting bridges, floor trough, F.O.H.

Universe allocation:

Universe 1: dimmers

Universe 2: 32 x RGB 8-bit LED fixtures on the lifting wall (back of stage). Universe 3: 168 x RGB 8bit LED lighting on other 3 walls.

Universe 11: 6 x ETC Halcyon Silent Mode Colorcombined Pan 540, 61ch

Universe 12: 6 x ETC Halcyon Silent Mode Colorcombined Pan 540, 61ch

Universe 13: 4 x ETC Halcyon Silent Mode Colorcombined Pan 540, 61ch

Universe 14: 4 x ETC Halcyon Silent Mode Colorcombined Pan 540, 61ch

Universe 15: 6 x ETC Halcyon Silent Mode Colorcombined Pan 540, 61ch

Universe 16: 32 x ETC D60 HSIC StrFan(7ch)

Universe 21 to 26: Free to use from the bridges.

Universe 4, 27 and 28: Free to use on the floor.

Universe 31 to 33: TDE Moodspot WRGB mode 6 (houcelights)

When using an external lighting console, we can give away the houselights on universe 1/99.

PROJECTION

1 x Panasonic PT-REZ12BEJ DLP-projector 12.000 ANSI lumen.

1x Front projection screen 8 m. x 4,5 m. (16:9), at back of main stage

1 x ATEM 1 M/E Constellation HD.

1 x Skaarhoj Airfly video controller

Preferred resolution: 1080p50 (1920x1080), in case of different resolution please contact.

Video connections: SDI on stage left, FOH, stage right and booth.