



TECHNICAL INFORMATION MAIN HALL MUZIEKGEBOUW AAN 'T IJ

GENERAL

Address:	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: parking!	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), WLLT. Adjusting flybar's/curtains only after consultation.

There are 21 electric point hoists, equally spread across the auditorium. Hoist's safe working load: 500 kg (2433 lbs), WLLT.

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
1x QSC Core 510i DSP

Line Array

D&B V-series Line Array
12 x D&B V8 loudspeaker
4x D&B V12 loudspeaker
2x D&B V10P loudspeaker
4x D&B D80 amplifier

10 x Clair Brothers P2 (6x 60°/40°, 4x 90°/40°) loudspeaker
10 x Crown CTs 2000
1 x Soundweb London DSP

SUB

4 x D&B B4 Subwoofers
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

Surround

8 x D&B 10S-D loudspeaker
2 x D&B 10D amplifier

Microphones

2 x Shure β87B
3 x Shure β58A
4 x Shure SM58
3 x Shure β57A
1x Shure β52A
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 SM58
10 x Shure Axient Beltpack AD1

Intercom

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

Impaired hearing

Wireless system for impaired hearing

LIGHTING

There is standard orchestra lighting above stage consisting of:
32x ETC Desire D60.

1 x lighting console ETC APEX 5
16 x ETC Halcyon Silent

134 x 3kW dimmers, 18 5kW dimmers.
32 x 1kW Selecon Pacific 14-35°.
14 x 1kW Niethammer profile 12-24°.
16 x Selecon Arena 2kW PC with barndoor°.
20 x ETC PAR (750 Watt)
Connections: CEE-form
DMX-connections: stage right, stage left, lighting bridge,
FOH.

Lighting bridge above stage and auditorium (10 m high)
Grid above stage left and right (7m high)

All 4 walls can be lighted with LED-lights (indirect), controlled via 2 DMX universes. Specific use *only* after consultation.

There is a sACN network. In the case of using our nodes one needs to use an IP address in the range of 10.0.40.101 or higher with a subnet of 255.255.255.0

Universes:

Universe 1: dimmers and from address 261 and further: 32xD60 HSIC StrFan(7ch).
Universe 2: 32x RGB 8bit LED-lighting hoistable wall (back of stage).
Universe 3: 168x RGB 8bit LED-lighting other 3 walls.
Universe 4: empty
Universe 5 to 7: TDE Moodspot WRGB mode 6 (houselights). No other fixtures possible!
Universe 8: empty
Universe 11: 8x halcyon Silent mode Color Linear.
Universe 12: 8x halcyon Silent mode Color Linear.

Additional lights (voor main hall, small hall and/or front of house):

-10x CLF Juno RGBW battery powered lights
-6x ADJ Focus Flex L7 (25 ch mode)
-6x ADJ Encore IP (7 ch mode)

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.