

Concert Hall
of the
21st Century

Muziekgebouw
aan 't IJ

TECHNICAL INFORMATION MAIN AUDITORIUM 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: 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
Telephone technical off: 003120-7882059/60
Email: technici@muziekgebouw.nl
Seating capacity: 725 seats (494 main floor, 191 1st balcony, 40 2nd balcony)
Standing capacity: 1500
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

2 x Steinway & sons D grand piano, standard tuning 442 Hz
1 x Steinway & sons C grand piano, standard tuning 442 Hz.
3 x piano stools
80 x musicians' chairs 50 cm.
10 x cello chairs.
7 x double bass chairs .
80 x music stands (RAT).
40 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 riser 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.

The rear stage can be closed with back curtains (night-blue).

Adjusting flybar's/curtains only after consultation.

There are 24 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 DM2000 (incl. meterbridge) + 2 x AD 824 Mic preamps. (Max. channels: 40)

Booth: 1 x Midas Venice 160

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

8 x Crest CA-9 (2x 900W amp)

1 x Soundweb controller system

4 x Renkus Heinz DRS-18-1B Sub-woofers

1 x Crest CA-12 (2x 1200W amp)

6 x Renkus Heinz TRX62H Passive 2-way (150° /60°)

2 x Crest CA-9 (2x 900W amp)

1 x Mackie 16/2/2 mixing desk

Playback

1 x Tascam CD-01U Pro CD player

1 x Marantz PMD 331 CD player

1 x Tascam DA-30 DAT-recorder

1 x Tascam MD-301 MK-II minidiscreorder

1 x Tascam CDRW 700 CD recorder

Microphones

4 x Shure β87

3 x Shure β58

3 x Shure SM58

3 x Shure β57

1x Shure β52

8 x Neumann KM140

2 x Neumann KM184

1 x Neumann KM150

1 x Neumann KMS105

2 x AKG C414 B-XLS

4 x DPA 4061 + adapter + transmitter adapter

4 x Countryman E6i omni with TA4F (Shure-) connector

4 x Shure UHF handheld B87 U2
3 x Shure UHF dual receiver U4D
4 x Shure UHF Beltpack U1
3 x Sennheiser MD421
2 x Crown PZM30D
9 x Behringer Ultra D.I.'s
4 x Countryman DI's

Monitoring

1 x Yamaha O2R96 (incl. meterbridge)
8x D&B Max12
4x D&B D6 (2x 350 W amp)

Headphone Amps

2 x Behringer HA 4700 headphone amps 4 in, 4 out.

Intercom

2 x Wireless ASL WS19
4 x Wired ASL PS19

Impaired hearing

Sennheiser infrared installation

LIGHTING

There is standard orchestra lighting above stage consisting of:

40 x Wybron Nexera 0,6 kW

1 x lighting console Compulite SparkTOP 4D
1 x lighting console Avolites Pearl 2000
104 x 3kW dimmers, 18 5kW dimmers.
26 x 1kW Selecon Pacific 14-35°.
10 x 1kW Niethammer profile 12-24°.
16 x ADB 2kW PC with barndoor 5-65°.
22 x ETC PAR (575 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), can be controlled by E CUE software.
Specific use *only* after consultation.

PROJECTION

1x Panasonic PT 6700 DLP-projector 6500 ANSI lumen. Max. resolution 1920 x 1200.
1x Front projection screen 8 m. x 5 m. (16:10), at back of main stage
1 x Extron USP 507 scaler (stage left).
- Video inputs: 480i/p, 576 i/p, 720p 50/60, 1080 i 50/60, 1080p 24/50/60.
- Computer inputs: VGA/SVGA/XGA/WXGA/SXGA/WSXGA+/WUXGA
2 x Denon DVD-player DN-V300
1 x VGA switcher VP 222 kramer
1 x Video distributor Sony (1x in en 3x out)
1 x Videomonitor JVC TM-A14 PN 35cm

Video connections: DVI (HDMI), SDI, VGA (2 x), RGB HV, S Video, Compositet. All stage left.
VGA- and composite connections patchable on stagel left.