

de Doelen

Grote Zaal

(main stage)

1-2024

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General Data:

De Doelen Address:

Public Entrance / Ticket Booth : Schouwburgplein 50
Supply-/ Artists Entrance : Kruisstraat 2
Postal Code : 3012 CT
City : Rotterdam
General Telephone Number : 010-2171700

Technical Information and Inquiries:

Planners Technical & Av: Nicky van Spronsen, Devin de Groot and Thijmen Klinkhamer
rooster.td@dedoelen.nl

In the absence of the planner Technical & Av, you can contact the head of the department;
Remko van Es: r.vanes@dedoelen.nl

Accessibility:

The artist's entrance is located at Kruisstraat 2.

Due to limited parking space, it is necessary to reserve parking spots in advance for the load in/out.
For long-term parking there are several other parking options nearby.



The building:

The building consists of three (3) quarters. Respectively called the Willem Burger Quarter, The Jurriaanse Quarter and the Grote Zaal Quarter.

Backstage, Dressing Rooms and Soloist Room:

All rooms can be locked and are provided with security keycards

Lockers are present in all rooms.

Monitor capabilities are present in all rooms.

Green Room:

Breakfast, lunch and dinner are available but require inquiry in advance.

Smoking and Smoke/Fog Effects:

De Doelen is a smoke-free environment.

The use of smoke machines during performances is possible on request.

Due to the mandatory presence of a fire watch additional costs are involved.

Internet/Wifi:

In the whole Doelen complex there is free Wi-Fi available, accessible through SSID 'de Doelen'.

There are options on request, for a fee, to have a dedicated Wi-Fi Access point for each event.

Electrical Power:

There are several high voltage power connections available throughout the facility.

Loading Zone/Platform:

The loading zone is located at Kruisstraat 2 or Kruisstraat 4. If you need to use one of the loading zones, please indicate this in advance.

Elevators:								Floors							
								B	GF	1	2	3	4	5	
	Height	Width	Depth	Door Width	Door Height	Weight	Persons								
Reception Elevator	2,1	1,8	2,8	1,8	2,1	2000kg	n/a	x	x	x	x				
Royal Elevator	2,2	1,5	1,2	1	2,1	480kg	6		x	x	x	x			
Expedition Elevator KS4	2,24	2,8	3	2	2,05	5275kg	16	x	x						
Double Elevator BIG	2,1	1,6	3	1,7	2,1	2900kg	38	x	x	x			x	x	
Double Elevator SMALL	2,1	1	2,15	0,9	2,1	1250kg	16		x	x			x	x	
Service Elevator WBH	2,1	1,2	2,6	1,3	2,1	1250kg	16	x	x	x	x	x	x	x	x
Elevator EFZ	2	1,5	1,15	1	2	850kg	11		x	x	x				

Sizes in Meters.

Mobile Elevating Platforms:

There are 3 mobile elevating platforms to use. These don't go on stage of the Grote zaal.

Grote Zaal

General:

Elevators:	Reception (goods) Royal Elevator (persons) EFZ Elevator (persons)
Stage:	1 st Floor
FOH:	2 nd Floor
Smoke Alarm:	Yes (deactivation available on request)
Seating:	Max: 2252
Control location:	In the Grote Zaal or one of the control rooms at the back of the room.
Smallest dimension to stage:	Height 1.99 mtr. Width 1.16 mtr.
Stage Dimensions:	See floorplan (available on request)
Elevator for Piano:	Middle of the stage (see floorplan)
Dimensions:	Width 2.00 mtr. Length 3.50 mtr. Capacity 1.500 Kg
Stage Floor:	The stage is made up of 32 movable lifting tables, which can rise to the rear of the stage (like an amphitheater) from 40 to 160 cm. With this, an ideal stage structure can be realized for every event. The stage is computer-controlled, which means that quick changeovers can be realized. The stage sections are provided below the surface with cable ducts, connections for audio, lighting, projection, data and power for music stand lighting.
Ballet Floor:	Available (Black)
Curtain:	Black backdrop
Maximum LX height: (technical ceiling)	10,6 meters. (For amplified concerts a height of 10,3 meter is recommended) Minimum height of the ceiling is 10 meters due to the PA.
Technical crew:	The technical crew has the right to take a lunch and/or diner breaks during their respective moments of the day. The maximum amount of hours a technician is allowed to work is 12 hours. If the length of the event is larger than that (including build up and break down), extra workshifts will be scheduled.

Lighting:

Location cabin:	At the back right of the Grote Zaal.
Possibility to open a window:	Yes
Light console:	MA Lighting GrandMA 3 light (MA2 & MA3 showfiles available)
Hall lighting on DMX:	Yes
Music stand lighting:	DMX controllable led lights
Control-protocol:	The installation is controllable via Art-Net. Control via analog DMX is possible in consultation but is not preferred.
Patch list and light plot:	On request
Individual Dimmer Channels:	24 dimmers on stage and 56 in LX's.
Light fixtures fixed install:	24x Robe - Robin Iperfect 150 FW RGBA (Backlight) 24x ADB 2kW PC (Backlight and top) 8x Robe Robin T1 Profile (Backlight) 12x JB - Lighting P12 Profile Spot Led (Backlight and top) 4x Blinders 58x ETC D60 Lustr+ (Concert Lights) 22 ADB 2kW PC (front boxes) 2 Niethammer 2kW Profile (front boxes) 12 ADB Warp motorized 800W (front boxes) 42 Niethammer 2kW Profile (front bridges) 6 JB - Lighting P12 Profile Spot HCRI (front bridges) 3 ADB Warp motorized 800W (left) 4 Niethammer 2kW Profile (left) 3 ADB Warp motorized 800W (right) 4 Niethammer 2kW Profile (right) 2 Followspot Robert Juliat Aramis HMI 2500W Hall lights and RGB Led Strips in the sides of the hall

Sound:

P.A.:

Main system: Line array left and right, each side 8 cabinets D&B V80 with array processing.

Fill-ins back ring: 2x D&B Y10P 110x40

Fill-ins side ring: 1x D&B Y10P 110x40 per side

Fill-ins stage edge: 10x D&B 5S

Fill-ins ground floor: 1x D&B V7P per side

Subwoofer: 2x D&B V-GSUB per side (add-on, not necessary)

Sub- Array 8x V-Sub above technical ceiling

Loges: 3x D&B 4S per side

Processing: D&B R1 + R90

Input: Analog or AES/EBU or Dante or Madi thru DAD AX32

Monitors: 8x D&B M6

Mixers: Allen & Heath Dlive S7000 with Allen & Heath Dlive CDM64 Mixrack.

Upon request: Dlive C3500 with CDM48 Mixrack. Analog Splitrack available

Intercom: Greengo (Wired and Wireless)

The audio system is capable of producing high volumes. However, we adhere to the MUSIC SECTOR HEARING DAMAGE PREVENTION covenant which says to limit audio emissions to a highest equivalent average noise level of $L_{eq}=103$ dB (A), measured over 15 minutes.

We expect everyone to adhere to these agreements. Due to the big reverberation in the room we would like to ask you to listen to expertise of our sound technicians gathered trough the years.

Electrical Power:

Stage right: 1x 125A
2x 63A
4x 32A
Stage left: 1x 63A
1x 32A (for Audio)

AV:

Projection screen: Electric Roller Screen.
Size 12m x 9m (W x H; maximum)
Roll up / down approx. 30 sec. 9 meter

Projector: Panasonic PT-RQ35K
30.500AL
SDI connection

Led Screens: 2 (placed left and right of the organ)
Specifications: Resolution: 1024x640
Dimensions: 4.00x2.50m p3.9
Resolution per tile: 128x256
Tile dimension: 500x1000
2.700 nit
max 270W/m2
Scaler for the Led Screens: Barco DSC200
inputs: 1x HD-SDI, 2x DVI-D
input scaling: 1920x1080p60
output scaling: 1024x640 -> 2x black bar at a 16:9 input.

Video Mixer: BlackMagic Production Studio 2M/E
Controller: BlackMagic Advanced Panel 1M/E
Note: The system runs at 1080p50

**Camera's, recorders, streaming devices and other peripherals available
various SDI and Fiber patch points backstage, on stage and FoH.**