

Technical Rider

City: Delft
Name of venue: Theater de Veste

Address

Delivery/postal/visiting address: Asvest 1, Delft
Postal code: 2611 PK
Technical director: Hans Neels
Number of FTE Stage technicians: 5

Telephone

Country code: 0031 (local phone lines start with 0)
On stage cell phone: (+31) 6 - 51 49 32 75
Technical director: (+31) 15 - 214 8681
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Mail & website

E-mail technical director: neels@theaterdeveste.nl
E-mail Technical performance pre-production: techniek@theaterdeveste.nl
Homepage: www.theaterdeveste.nl

Seating

Total (with 2 rows orchestra pit) 500 persons (including balcony)
Total without 2 rows orchestra pit: 475 persons (including balcony)
Total on balcony: 150 persons
Places reserved for S&L mid-venue: 13

Dressing-rooms

- 2 rooms with capacity of 4 persons
- 2 rooms with capacity of 12 persons
- 1 room with capacity of 10 persons
- 1 room with capacity of 9 persons

Dance floor (marley) black (backside light grey): 8x 1m50 depth (12m) x 15m wide, effective 8x12m (depth x width, 0-line, legs and backdrop)

Loading-dock

Load-in/out
Position relative to stage left, back of the stage
Max. height truck 4,1 m
Loading-platform height relative to ground 0,9 m
Loading ramp available for non-level trucks: yes (half width)
Minimum dimensions of loading door 2,91 m x 2,98 m

Dimensions

Width x Height Proscenium arch: 12m x 6,9m

"False" proscenium-opening width x height: min 10m, max 12m x max 7,2m

Definition of "zero"

Zero is the intersection of the centreline of the stage and the upstage side of the proscenium, fire curtain or false proscenium, whatever is furthest upstage. If none of these is present it will be the division between seating and stage.

Description of "zero": Intersection between the centreline and back-side of the proscenium bridge

- From zero to back wall tower for flybars 8,4 m
- From zero to back wall backstage 11,12 m
- From zero to mid front of stage (rounded!) 2,95 m
- From zero to front of orchestra-pit 5,32 m
- From zero to back-side of fire-curtain 1,46 m
- Depth of fire-curtain 23cm
- From zero to truss lighting perch 10m

Width, free space

- From centerline to left wall fly-tower 12,6 m (stage right)
- From centerline to right wall fly-tower 11,5 m (stage left)
- From centerline to gallery, stage-left 8,9 m
- From centerline to gallery, stage-right 8,9 m

Height,

From floorlevel to:	stageright	stageleft	under rail sideblack
Under 1 st sidebridge	822	822	778
Under 2 nd sidebridge	1670	1670	
Highest mark flybars	1665	1665	
Grid flybar attic	1750	1750	
Ceiling flybar attic	2026	2026	
Floorlevel audience (1 st 4 rows)	-82		
Construction floor stage: Finish Keruing			
Capacity 750 kg/m2			

Fly-gallery

- Quantity of fly-bars 40
- Normal spacing between bars 20 cm.
- Maximum fly-height 16,65 m
- Pipe-length from center to stage right 8,47 m
- Pipe-length from center to stage left 8,43 m
- Max. total load 300kg per bar
- Max. point-load suspension points 150kg
- Max. point-load in-between suspension points 100kg, pipe-end 75kg
- Bar-diameter 49 mm. tubewall thickness 5mm
- Number of suspension points 7
- Distance between suspension points 2,75 m (1 @ center)
- Minimal bar-height above stage floor 1 cm.
- First bar at 0,3m from back of proscenium bridge (=zero)
- Last bar at 8,1m (white cyclo scrim)
- Motorized in 2006 by Trekwerk BV
- Max load truss under lighting perch 500kg, 240 in middle, or 180 (3 points)/ 120 (4 points)
- Black scrim 1500x750, pipes for bottom sleeve present.

Orchestra supplies

Music stands lighted 19 (+ 1 extra wide conductors stand with light)

Music stands without light 6

Seats without handrest 100

Auxiliary power distribution box/Company-switch

<i>Quantity</i>	<i>Fused Connector</i>	<i>Place per 3phase + type</i>
• 2	125/63A Cee-Form	backstage L&R
• 2	32A Cee-Form	L&R upstage
• 1	125A Cee-Form	Load-in

Lighting control:

- Eaton Zero88 FLX (4); Compulite Spark4D
- Remote control on stage: yes, FLX app
- Equipment may be operated by technicians of visiting company: yes (except flybars)
- Houselights dimmable by visiting lighting desk: yes (6 channels DMX)

Quantity of dimmers

- 132 3kW CEE form (16A) of which 32 patchable per 6 to floor or Harting8 multicables 25m
- 12 5kW CEE form (32A) all patchable to floor or Harting8 multicables 25m

Quantity of free dimmers in mobile cabinet (2,0kW!)

- 18 x 2 shuko or 3 Harting8 multi hard-patchable

Dimmer protocol DMX512

- Can be connected on board visiting company: yes
- Extra DMX connections stage left and right (splitterbooster 4x), prosceniumbridge, auditorium, FOH bridges
- 2 dmx-lines from mid-audience booth to stage (line 2 out stage left and upstage right)

Luminaires

available

- foh bridge 2: 12 ADB EN, 6 zoomprofile 2kW HPZ211X; 6 zoomprofile 2kW HPZ215X
- foh bridge 1: 18 ADB EN zoomprofile 2kW HPZ215X; 2 zoomprofile 750W ETC Source4 25-50
- foh Perch Left 5 zoomprofile 1kW EN HPZ 115; 1 zoomprofile 1kW ADB DW104 15-42
- foh Perch Right 5 zoomprofile 1kW EN HPZ 115; 1 zoomprofile 1kW ADB DW 104 15-42
- lower prosceniumbridge 8 PC 2kW ADB C201; 10 zoomprofile 750w ETC Source4 25-50
- Prosceniumperch Left 4 zoomprofile 750w ETC; 2 Fresnell 2kW ADB F201
- Prosceniumperch Right 4 zoomprofile 750w ETC; 2 Fresnell 2kW ADB F201
- Gallery Left 5 zoomprofile 2kW ADB DS204 13-36
- Gallery Right 5 zoomprofile 2kW ADB DS204 13-36

Freely useable spots above stage/ fly-bar tower

- 8 2kW Desisti Leonardo, Fresnell type
- 10 zoomprofile 1kW ADB DW104; 3 zoomprofile 750w ETC Source4 25-50
- 4 sixbar 6 Par64 CP62 (MFI) 1kW Thomas 230V + 2 free CEE-form connectors
- 8 Par64 CP62 (MFI) 1kW Thomas 230V
- 8 Par64 CP60 (VeryNarrowSpot) 1kW Thomas 230V

Follow Spot RobertJulliat Super Korrigan 1200W HMI fixed, about 2 m off-center to stage-left, up in directors booth

PA console

- Yamaha CL1D (48ch), 2x RIO1608 stagebox, Dante network
- Yamaha CL3D (64ch) RIO32 stagebox
- Yamaha DM3d (Dante enabled)
- Yamaha MGP16X analogue mixer with DSP effect

PA Brand d&b

- Amps 4x d&b 30D 4ch
- DAD AX32processor
- TOP: 4x d&b V7P left and right (floor and balcony)
- V7P/V10P centre-cluster 1 balcony, 1 mid venue
- 6x 18S Sub

Floormonitors

- 4 Sound Project X-act
- 2x UPA2P sidefills
- 2 12" d&b (Minimax)
front fill 2x d&b 10-S

Analog Effects Yamaha SPX 990, Lexicon LXP 15 II, 2x DBX Compressor 266XL

Microphones

- 4 AKG 414-B-XLS
- 4 Crown PCC
- 1 AKG C 451 condenser +CK1
- 6 AKG 300 B condenser + CK91
- 2 AKG CK98-heads (longtube)
- 1 Electrovoice PL 80
- 2 AKG 535 condenser
- 1 Shure 87beta vocal
- 8 Shure SM58
- 4 Shure SM58beta
- 4 Shure SM57
- 3 Shure PG 56+Shure PG 52 (drumkit)
- AKG D112 external Kickmic
- Shure Beta 91A internal Kickmic (PCC)
- 3 E906/609 backline amp mic
- 2 MD421 II dynamic mic
- 1 Drumkit Audix DP5-A met 2 AT2020 OH
- 4 DPA 4099 instument mics

Wireless mics (rental prices apply)

- 4 EW-DX EM2 (2-Channel)
- 8 Sennheiser EW-DX SKM handheld met sE V7 MC2 Black supercardioid capsule
- 8 Sennheiser EW-DX SK Bodypack transmitter met 3,5mm jack
- 4 DPA 4188 flex Earset Mic 120mm
- ASA en ADP (470-1075 MHz)

We use rechargeable AA-batteries

Additional audio gear

- 5 BSS AR117 active DI
- 2 Radial J48 active DI
- 2 ART Dual active DI
- ART transformer
- beltpacks: 8 x ASL (wired) 4x ASL wireless (Altair)

Video (rental prices apply)

- 12k ANSI-lumen Panasonic PT-RZ120 DLP laser multimediaprojector, native resolution FullHD, HDMI via SDI(BNC cable), SD with VGA possible (no discount)
- Projection-screen 16:9 (6mx3,5m frontal)
- 2x Windows10 laptop (for powerpoint-presentations)
- VR50HD Roland videomixer
- 2x 27" monitor LED-flatscreen
- 2x Logitech USB wireless mouse/laserpointer presenters

Live streaming options (rental prices apply)

- PTZ camera overview fixed under balcony (remote controlled, IP and serial) SDI video, network stream
- PTZ camera on stand flexible (remote controlled, IP and serial) SDI video, HDMI
- BlackMagic Design Studio Camera 4K SDI video on stand, person operated.
- Audio wireless, audio mixer
- Streaming through BM ATEM mini pro and/or VR50HD Roland. OBS desktop PC or direct to internet

Multiconnection

- Analog: venue to stage 24 XLR stage L and R, to mixing position, to control room: XLR/108 pins Harting
- digital: 32channels input, 8 output via 2x RIO1608 via Dante (+ CL1D 8in/out omni) or 64ch with CL3D

Grand Piano

Yamaha C7 227 x 155cm

theater DE VESTE

flybar number	Distance to zero (cm)	deviating barlength L	deviating barlength R	Deviating height	Deviating Max load	Deviating control	Content legheight
stagebar	-325	750	750		200	Electric	
curtain	-115						
openingbar	-100				75	hand	
1	30						
2	50						leg 10 m
3	70						
4	90						
5	110						
6	130						border 5m
7	150						leg 10m
8	170						
9	190						
10	210						
11	230						
12	250						border 3m
13	270						leg 9m
14	290						
15	310						
16	330						
17	350						
18	370						
19	390						
20	410						border 3m
21	430						leg 9m
22	450						<i>Projection screen</i>
23	470						
24	490						
25	510						
26	530						
27	550						
28	570						
29	590						border 3m
30	610						leg 9m
31	630						<i>Black scrim</i>
32	650						
33	670				0		Cyc-battery(fixed)
34	690						
35	710						
36	730						
37	750						leg 9m
38	770						
39	790						Fond (legs) 9m
40	810						Cyc cloth (fixed)

sidebars	Distance to centreline	Distance to zero	Bar-length	Bar-height	WLL.	operated	
L	863	12	800	1710	75	Hand	
R	870	12	800	1710	75	Hand	

LUMINAIRES

Position	#	type	Power (kW)	brand	type	Opening angle	barndoors
FOH back	6	HPZ 211X	2	ADB EN	zoom	11-27	nvt
FOH back	6	HPZ 215X	2	ADB EN	zoom	15-40	nvt
FOH front	18	HPZ 215X	2	ADB EN	zoom	15-40	nvt
FOH front	2	Source4	750W	ETC	zoom	25-50	nvt
FOH perch Left	5	HPZ 115	1	ADB EN	zoom	15-35	nvt
FOH perch Bottom	1	DW 104	1	ADB	zoom	15-42	nvt
FOH perch Right	5	HPZ 115	1	ADB EN	zoom	15-35	nvt
FOH perch Bottom	1	DW 104	1	ADB	zoom	15-42	nvt
Prosceniumbridge	12	C 201	2	ADB	PC	10-65	none
Prosceniumbridge	10	Source4	750W	ETC	zoom	25-50	nvt
Proscenium perch Left	5	Source4	750W	ETC	zoom	25-50	nvt
Proscenium perch Left	2	F 201	2	ADB	Fresnell	12-61	yes
Proscenium perch Right	5	Source4	750W	ETC	zoom	25-50	nvt
Proscenium perch Right	2	F 201	2	ADB	Fresnell	12-61	yes
Gallery Left	5	DS 204	2	ADB	zoom	13-36	nvt
Gallery Right	5	DS 204	2	ADB	zoom	13-36	nvt
Cyc-battery	5 x 4	cyc	1 (x4)	Desisti	asymetric	4 colours	tilting

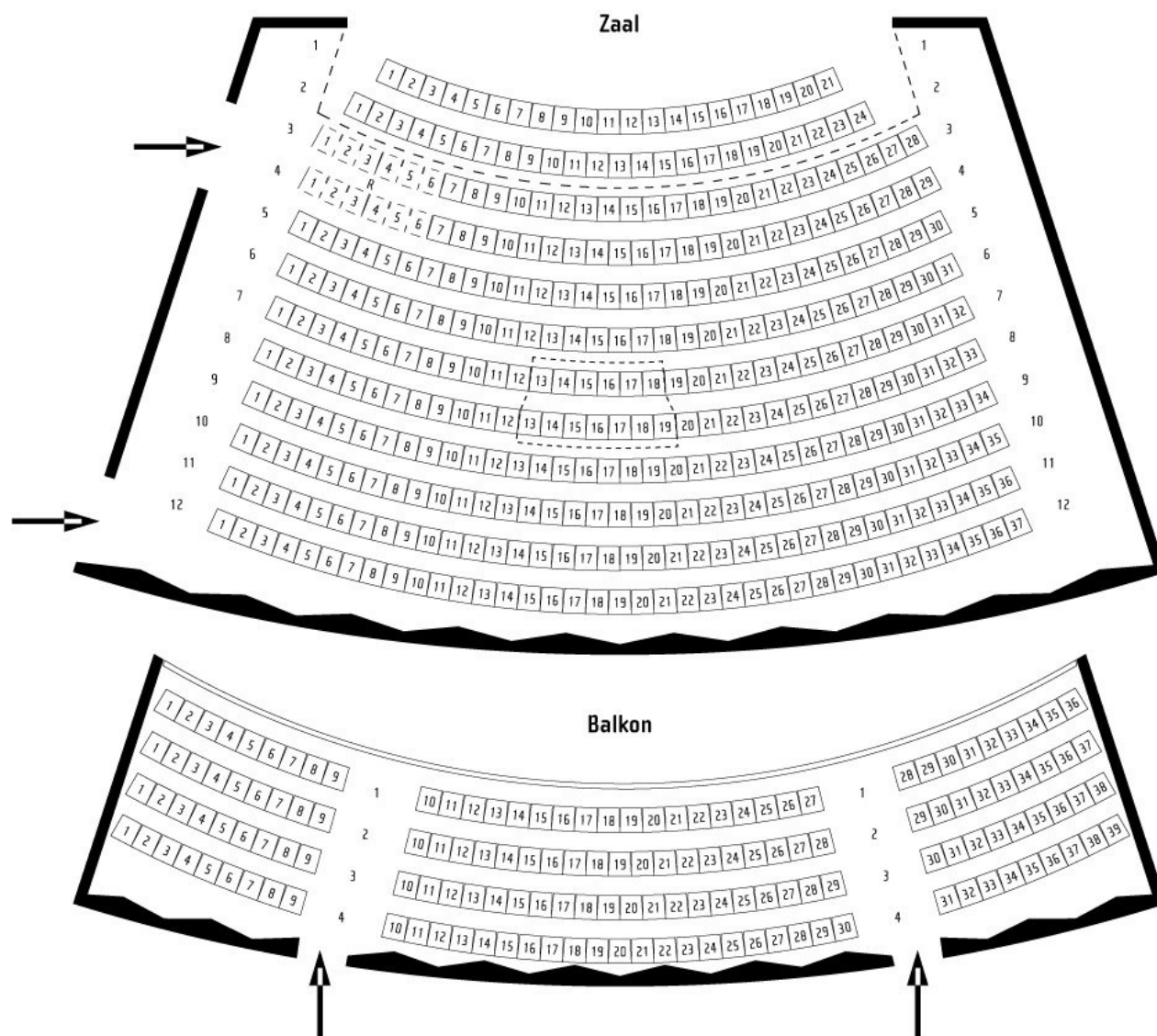
theater

DE VESTE

Gels Lee

101 Yellow	147 Apricot
102 Light Amber	148 Bright Rose
103 Straw	151 Gold Tint
104 Deep Amber	152 Pale Gold
105 Orange	153 Pale Salmon
106 Primary Red	154 Pale Rose
107 Light Rose	156 Chocolate
109 Light Salmon	157 Pink
110 Middle Rose	158 Deep Orange
111 Dark Pink	161 Slate Blue
113 Magenta	164 Flame Red
115 Peacock Blue	165 Daylight Blue
116 Medium Blue-Green	170 Deep Lavender
117 Steel Blue	174 Dark Steel Blue
118 Light Blue	176 Loving Amber
119 Dark Blue	179 Chrome Orange
120 Deep Blue	180 Dark Lavender
121 Lee Green	181 Congo Blue
124 Dark Green	182 Light Red
126 Mauve	195 Zenith Blue
127 Smokey Pink	197 Alice Blue
128 Bright Pink	200 Double C.T.Blue
132 Medium Blue	201 Full C.T.Blue
134 Golden Amber	202 Half C.T.Blue
135 Deep Golden Amber	203 Qtr C.T.Blue
136 Pale Lavender	204 Full C.T.Orange
137 Special Lavender	205 Half C.T.Orange
138 Pale Green	206 Qtr C.T.Orange
139 Primary Green	242 Lee Fluorescent 4300K
141 Bright Blue	243 Lee Fluorescent 3600K
142 Pale Violet	228 Brushed silk
	253 Hampshire frost

Seating plan Theaterzaal



Light

- 24 dimmers 2kW
- 6 profile ETC 25-50 750W frontal lighting podium
- Several PAR medium 500W and multipar 575W around podium
- 6 Robe LEDbeam 150 backlighting position
- 2x Studiocolor 575W frontlighting position
- 2x Robe Colorspot 575EAT side/proscenium position
- CLS-Led warm white light top, a combination of 54° and 12° from lightgrid
- 21 Robe Light4ce 7 RGBW top LedPAR top floor/podium/behind bar
- Wanddeco 6 Beamz RGBW ledpar
- Stroboscope Atomic clone
- Preset-lightdirector Chromateq (dmx standalone or with PC program).
- Available lightdesks Compulite Spark 4D or Eaton Zero88 FLX4

Sound

- Each side: 2x Top ARCS-Wide, 1x Sub SB18; L'Acoustics (flown together) 105dB continuous
- Small Centre-speaker L'Acoustics (active)
- 1x amplifier LA8, 1x LA4
- 4x analogue XLR input on 19inch mixer near bar, inserts on podium
- 2x Handheld 945 Sennheiser EW300 G3 range 626-668Mhz or Beltpacks with Countryman H6
- CD/DVD Tascam, beeld en geluid via AV-switcher
- PC/USB audio (ook met DVD-mogelijkheid, en software Spotify)
- Rackmounted mixer Alesis Multimix10, with Bluetooth

Optional, shared with main venue:

- Yamaha CL1D for FOH via audionetwork Dante and 2x 16 inputs en 1x 8 outputs with 2x RIO1608 stagebox (plus OMNI on CL1D, 8 inputs and 8 outputs)
- Yamaha CL3D with RIO32
- Yamaha MGP16X analogue with DSP effect
- Monitors: 2x Minimax D&B 12", 4x X-ACT active, 1x JBL EON active, 2x Meyer UM100P active
- Microphones: see list Main stage
- Wireless microphones: 6 (extra) available in-house, either handheld or headset, through rental agreement with management, see list Main stage
- HK-Audio Premium PR:O (2x sub PR:O 18Sub A & 2x top PR:O 10XA, usable as 2 extra monitors)
- Top 121dB max SPL(Half Space) 600W/4 Ohm; 90x60 degrees; from 89Hz
- Sub 125dB max SPL(Half Space) 600W/4 Ohm; 38Hz @ -10dB

Video

Fixed installation 7000 ANSI-lumen DW-740EL DLP, 16:9, HD-resolution 1280x720(P), connectable to laptop(s) from stage with HDMI (VGA > HDMI adapter available), or from 19inch rack Extron Scaler/Switcher for DVD/ PC/ external inputs on VGA, HDMI and Composite next to bar/FOH or HDMI/SDI with Roland VR50HD videomixer

Floor-plan Theatercafé (with seating example)

Ector Hoogstad Architecten

