

Technical specifications

Philharmonie Haarlem Grote Zaal

Loading dock adress

Philip Frankplein 2A
2019 HB Haarlem

Visitor adress

Lange Begijnestraat 11
2011 HH in Haarlem

023 - 512 12 12 (Main)

023 - 512 12 30 (Technical department)

023 - 512 12 98 (Artist Entrance)

Capacity 1.200 people

Stage information

Stage dimensions	20,3 m x 10,6 m (between balconies)
Stage height	1,10 m
Hall dimensions	26 m x 20 m
Hall height	11,3 m
Floor	Wood

Rigging

Flybars (Programmable: Stapotech)

Count	19
Bar length	14,9 m
Max. load per bar	300 kg
Max. pointload under cable	150 kg
Max. pointload between cables	100 kg
Max. pointload end of bar	30 kg
Max. bar height	10,2 meter

Sidebars (Programmable: Stapotech)

Count	2
Bar length	10 m
Max. load per bar	300 kg
Max. pointload under cable	150 kg

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Max. pointload between cables	100 kg
Max. load bar end	30 kg
Max. bar height	10,2 meter

Chainhoists (Programmable: Stapotech)

Count	16
Max. load	500 kg
Speed	4 meters per minute

Drapery

Cadre curtains	2x leg 10 m, 1x border 4 m (height), color black
Legs	4 sets 9 m (height), color black 6x 7 m, (height), color black
Borders	3x 3 m (height), color black 3x 2 m (height), color black
Backdrop	6x leg, 10 m (height), color black
Cyclorama	yes, white
Marley	yes, black
Gauze	1x black

Lighting

Free assignable dimmers

Movable	56x 2 kW Sinus dimmer (Stage) 8x 5 kW Sinus dimmer (Stage)
Fixed	32x 2 kW Sinus dimmer (Attic - 4 x 8 channel harting) 24x 2,3 kW Compulite (in one pack) 12x 2,5 kW Sinus dimmer (in one pack)

Fixed spots

Main bridge	8x JB-Lighting P12 Profile 24x Selecon 80 Volt, 12° - 28°
Hall	31x RGB Led uplight around hall and balcony 10x RGB Strip around ceiling
Stage	8x ETC Source four par RGB for frontlight orchestra 25x ETC Source four par RGB for toplight orchestra 7x ETC Source four par RGB for organ/organist 30x RGB Led uplights around stage and balcony

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Flexible lights (shared with 'Kleine Zaal') 7x Selecon PC 2 kW
2x Selecon PC 2 kW Fresnel
8x Selecon PC 1 kW
8x Selecon Fresnel 650 W
6x Selecon 1 kW Zoom profiel
1x 4-bar met ETC Source four par
4x Six bar met ETC Source four par
12x DTS super par 64 classic
7x ETC Colorsource Cyc

Moving lights (on request) 20x Robin LedBeam 150
14x Robe DL4X
10x Clay Paky AlphaSpot QWO 800

Lighting consoles (on request) Roadhog 4 met faderwing
GrandMA3 Compact XT

Followspots 2x Selecon performer 1200W

Miscellaneous

1x Yamaha C6 grand piano incl. stool
2x Steinway grand piano incl. stool
Stagedecks (1x1 m, 1x2 m, 1,22x1,44 m; 20/40/60/80 cm incl. blacks)
A diverse selection of floorstands
1x Lectern
Orchestra chairs
Music stands incl. lights
1x SWEFOG Xeon MK 2 DMX
1x Jem ZR 24/7 hazer
Alp-lift personel lift
Greengo intercom

Audio (Clair Brothers)

Left / right	2 x IS118 sub (flown) + 9 x I208 120° line array (per side)
Subwoofers	2x 2 CS218 2x 18" subwoofer
Frontfill	4x FF2-HP frontfill
Sidefill/ infill	2x Kit 15 Clair Brothers + 18" sub
Processing	Lake

Caution: everything below is only available on request, and costs may be applied.

Mixing consoles

1x Midas Pro2
1x Midas Pro2 C
1x Midas Heritage-D
1x Midas Venice 240
2x Digital stagerack 48/16 DL 251
1x Digital stagerack 16/8 DL 153

Microphones

1x Sennheiser MD 431
2x Sennheiser MD 425
4x Sennheiser MD 421
4x Sennheiser E 604
4x Shure beta 57 A
2x Shure 57
1x Shure 52 Beta
1x Shure 91 A Beta
4x Neumann KM 184
1x Neumann KMS 104
2x DPA 2011
1x AKG 452
1x AKG PCC 160
2x AKG D 112
4x MBC 660
2x AKG C 535 EB
4x AKG CK 91
4x AKG C 414 B-xls
8x Shure SM 58 Beta
4x Shure SM 58
3x AKG C 5900
4x Shure 87 C Beta
1x AKG C 2000
2x Behringer C 2
2x Electro Voice table microphone for lecterns
8x AKG C 580 table microphone
6x BSS AR 116 active DI
8x Klark Teknik DN 100
3x Klark Teknik DN 200
2x Radial Trim Two

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Monitors

- 6x Meyer UM 100P 12"
- 2x Meyer UM 1P 12"
- 2x AM 12" Clair Brothers unpowered
- 4x AM + 12" Clair Brothers powered

Other equipment

- 1x Tascam SC CDR 200 Recorder
- 3x Tascam CD RW 901 SL CD Recorder
- 1x Tascam MD 350 MD Player
- 1x Alesis ML 9600 master recorder
- 1x Alesis HD 24 harddiscrecorder
- 1x Waves Soundgrid server incl. Klark Teknik DN 9650 network bridge

Video (on request)

- 1x Epson EB L1505 U 12000 lumen
- 2x Epson lens EL PL 08
- 1x Epson lens EL PLM 09
- 1x Epson lens PL U 03
- 1x Stumpfl 6 x 3,38 borderless front projection
- 1x Stumpfl 6 x 3,45 front en rear projection
- 1x Analog Way Eikos LE incl. RK 300 remote control
- 1x Black Magic Atem Mini
- 1x V Mix
- 1x Blackmagic Atem Pro HD
- 3x Black Magic Smartview 4K Monitor
- 1x 24 inch Samsung B 2430 L
- 1x 49 inch Panasonic TH – 49LF80W LCD HD
- 2x 75 inch Panasonic TH – 75 EQ1W LCD Ultra HD
- 1x 84 inch Christie FHQ842 – T LCD Ultra HD touchscreen
- 2x 32 inch Samsung DB 32 E LCD Full HD
- 2x 42 inch Sharp PN – U 423 LCD Full HD
- 1x MacBook in case
- 4x Windows laptop in case
- 5x Windows laptop in sleeve
- 9x HDMI → SDI
- 8x SDI → HDMI
- 2x SDI splitters
- 2x Edid
- 2x HDMI splitter

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Misc. Adapter cables [USB C / APPLE Lightning enz]

2x SDI on reel

1x Blackmagic SSD recorder

Power

Stage right 1x 125A, 1x 32A

Stage left 1x 125A, 1x 32A