

Technical details AEGON Zaal De Harmonie | Leeuwarden | The Netherlands

Stage area: 400 m²

(+ 90 cm), sizes include wing space

max stage surface:	20 m (width) x 16 m (depth), behind proscenium 1m
width:	30 m
depth:	25 m
grid height:	20 m
loading bay:	11 x 7 m
orchestra pit:	16 x 8 m (= maximum size incl. space beneath the stage)

Auditorium: 430 m²

(with balcony and orchestra pit, suitable for about 970 persons)

width:	21,5 m
depth:	20 m ground floor, 30 m incl. balcony
height:	± 20 m (sloping floor and roof)

Masking

Grid height:	20 m, above grid 2 m
Leg length:	10 m, midnight blue
Border length:	20 m, height 4 m, midnight blue
Tabs:	Manual use
Cyclorama size:	10 m height, 20 m width, neutral colour
Maximum floor size:	20 x 20 m incl. front stage
Minimum floor size:	12 x 12 m (variable depth)
Orchestra acoustic wall:	20 x 20 x 10 m, colour gold
Backdrop:	Midnight blue
Mesh curtain:	Black (optional)
Ballet floor:	Black

Fly Bars

Fly Bar max load:	500 kg
Fly Bar max load under steel wires:	250 kg
Fly Bar max load between steel wires:	125 kg
Distance between steel wires:	3,10 m
Fly Bar pipe diameter:	48 m
Each bar has 7 steel wires	

Pulleys

16x Chainmaster pulleys 1 ton free placeable on the grid

Lighting

Light computer:	Spark Top Compulite
244 dimmers, type :	Compulite digital dimmers

Light equipment:

Mid bridges:	32 x 2 kW Niethammer enizoom HPZ 211 8 x 2 kW Robert Juliat PC 8 x 1 kW Niethammer HPZ 115 Left 8 x 1 kW Niethammer HPZ 115 Right
Side bridges:	3 x 2 kW Niethammer HPZ 211 7 x 2 kW Niethammer HPZ 215 4 x 2 kW ALTMANN Zoom 212 6 x 2 kW Niethammer HPS 200 17 degrees

Proscenium bridge: 12 x 2 kW Robert Juliat PC
6 x 1 kW Niethammer Enizoom 1 kW HPZ 115 Lower Row
4 x 1 kW Niethammer Enizoom 1 kW HPZ 115 Upper Row

Proscenium sides: 6 x 1 kW Niethammer Enizoom 1 kW HPZ 115 Left
6 x 1 kW Niethammer Enizoom 1 kW HPZ 115 Right

Cyclorama: 8 x 1,2 kW 4 Desisti, horizonlightning 1,2 kw

Spare light: 4 x 2 kW Robert Juliat PC
6 x 1 kW Sixbar PAR 64
2 x 2 kW Desisti Leonardo
8 x 1 kW Niethammer Enizoom HPZ 115
8 x 1 kW Selecon PC

Audio :

Speaker system:

Balcony: 3 x Apogee AE-8 (L-M-R)
Auditorium mid back: 3 x Apogee AE-8 horn (L-M-R)
Front top: 2 x Apogee AE-8 (L-R)
Front subsystem: 2 x Apogee AE-10 (L-R)
Front stage: 2 x Apogee SSM-10 (M)
Monitor: 4 x EV-10 (L-R)
Balcony delay: 7 x Bose, 70-20k 700w
Amplifiers: 7 x Apogee CA 8000

Processors:

1 x Apogee P-8 pv
1 x Apogee P-10 pv
1 x Apogee P-SSM pv
1 x Soundweb Signal Processor

Monitor system, directly from main desk:

Sidfills FR, 2 x JBL M36 700w
Floor 4 x EV S 200 800w
Hotspot 4 x Galaxy 400w

Amplifier monitors:

1 x Crest FA 1201 2 x 450w 900w
2 x Crest FA 901 2 x 300w 1200w
total power 2,1 kw

Soundmixer :

Midas Verona 320T 32-channel
Soundcraft Venue 24-8-2 6 groups aux
Rane MPE 28 progr. EQ
Yamaha SPX 900 effects
Tascam CD-401 cd player
Tascam 112 cassette player
MD player
Microphones (different types available)

Hearing impairment assistive technology:

1 x Sennheiser SI 1013 IR transmitter
4 x Sennheiser SZI 1219 A IR transmitter
20 x Sennheiser HDI 407 IR receiver

Available for different halls

1 set of 24 mobile dimmers (compulite digital dimmers)
144 par's, means 24 six bars

For more information, please contact: Martin Smid | m.smid@harmonie.nl