

A wide-angle photograph of a large, empty theater. The seating area is filled with rows of red upholstered seats, arranged in a semi-circular fashion. The stage is at the far end, with a dark backdrop and some equipment visible. The ceiling is dark, with several spotlights hanging from it. The overall atmosphere is quiet and professional.

# AMPHION

/CULTUURBEDRIJF

TECHNICAL RIDER AMPHION CULTUURBEDRIJF

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# General information

## General information

|                                                |                                                                                                      |
|------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Theatre                                        | Amphion Cultuurbedrijf Theater                                                                       |
| Main address                                   | Amphion Cultuurbedrijf<br>Hofstraat 159<br>7001 JD Doetinchem                                        |
| Telephone general                              | 0314 37 60 00                                                                                        |
| Head Technical department                      | Paul Dekker<br>+31 6 82 09 66 53<br><a href="mailto:pauldekker@amphion.nl">pauldekker@amphion.nl</a> |
| Head Catering, Events, and Facility Department | Merel Deijnen<br><a href="mailto:horeca@amphion.nl">horeca@amphion.nl</a>                            |
| Events department                              | <a href="mailto:events@amphion.nl">events@amphion.nl</a>                                             |

## Accessibility

|                               |                                               |
|-------------------------------|-----------------------------------------------|
| Loading dock                  | Indoor loading, accessible from the main road |
| Number of loading docks       | 3                                             |
| Dock leveller                 | Yes                                           |
| Hight to stage floor          | 0 meter                                       |
| Street level                  | -1 meter                                      |
| Lifting capacity dock leveler | 1500 KG                                       |

## Showtimes

|                                |       |
|--------------------------------|-------|
| Auditorium 1 "Grote zaal"      | 20.00 |
| Auditorium 2 "Flexfamily zaal" | 20.30 |

## Facilities

### Dressing rooms

|                     |                               |      |      |
|---------------------|-------------------------------|------|------|
| <b>Level -1</b>     |                               |      |      |
| Numbers             | 4                             | 1    | 1    |
| Area m <sup>2</sup> | 27,7                          | 16,3 | 48,7 |
| Notes               | 2 x washing machine and dryer |      |      |

|                     |      |      |  |
|---------------------|------|------|--|
| <b>Level 0</b>      |      |      |  |
| Numbers             | 1    | 1    |  |
| Area m <sup>2</sup> | 12,5 | 22,7 |  |

|                     |      |      |      |
|---------------------|------|------|------|
| <b>Level 1</b>      |      |      |      |
| Numbers             | 1    | 1    | 1    |
| Area m <sup>2</sup> | 24,9 | 21,1 | 18,8 |

### Special facilities

| Facilities                         | Level |
|------------------------------------|-------|
| Carpentry workshop                 | 0     |
| Electrical workshop                | 0     |
| Production office                  | 0     |
| Dancing studio with floating floor | -1    |

### Communication

|                               |             |
|-------------------------------|-------------|
| Intercom manufacturer         | ASL and RTS |
| Number of headsets            | 5           |
| Number of wireless belt packs | 8           |
| Number of communication lines | 2 (A & B)   |

### Other facilities

|                  |                                            |
|------------------|--------------------------------------------|
| Instruments      | Steinway D Concert<br>Yamaha G3            |
| Lecterns         | 50 (all with lights)                       |
| Orchestra chairs | 75 (without armrests)                      |
| Stage decks      | 30                                         |
| Stage decks legs | 20 cm<br>40 cm<br>60 cm<br>80 cm<br>100 cm |

# Auditorium 1 “Grote zaal”

## General information

|                   |                          |
|-------------------|--------------------------|
| Construction year | 2010                     |
| Theatre type      | List                     |
| Orchestra pit     | Yes (87 m <sup>2</sup> ) |

## Seating capacity

|                                     |                                    |
|-------------------------------------|------------------------------------|
| Maximum                             | 860                                |
| Auditorium with orchestra pit       | 563                                |
| Auditorium without an orchestra pit | 488                                |
| Orchestra pit part 1 (rows 1 & 2)   | 47                                 |
| Orchestra pit part 2 (row 3)        | 28                                 |
| Balcony 1                           | 114 ( excl. poor visibility seats) |
| Balcony 2                           | 114 ( excl. poor visibility seats) |
| Front of House                      | 2 x 7 seats                        |

## Dimensions

|                       | Width (mm)    | Length (mm) |
|-----------------------|---------------|-------------|
| Floor                 | 36000         | 20000       |
| Stage floor           | 24000         | 14000       |
| Backstage upstage     | 24000         | 3000        |
| Backstage right       | 3700          | 19000       |
| Backstage left        | 7500          | 19000       |
| Orchestra pit         | 14500         | 6000        |
| Portal towers opening | 11000 - 16000 | -           |

| From centreline to: | Left (mm) | Right (mm) |
|---------------------|-----------|------------|
| Side bridge         | 12000     | 12000      |
| Tower wall          | 12000     | 12000      |
| Side stage wall     | 20000     | 16000      |

| From point zero to: | Depths (mm) |
|---------------------|-------------|
| Upstage wall        | 17000       |
| Upstage tower       | 14000       |
| Downstage           | -2400       |

| From floor to:    | Heights (mm) |
|-------------------|--------------|
| Portal bridge     | 10 – 9000    |
| Side bridge right | 9000         |
| Side bridge left  | 9000         |
| Upstage bridge    | 9000         |
| Fly loft          | 23500        |

## Curtains

|                 |          |
|-----------------|----------|
| Main curtain    | Yes      |
| Colour          | Red      |
| Operating place | Right    |
| Movement        | Traveler |

| Masking   | Number | Height (mm) | Width (mm) | Colour | Material |
|-----------|--------|-------------|------------|--------|----------|
| Legs      | 14     | 11000       | 4250       | Black  | Wool     |
| Borders   | 6      | 4100        | 22000      | Black  | Wool     |
| Backdrop  | 1      | 11000       | 2x 13000   | Black  | Wool     |
| Cyclorama | 1      | 11000       | 22000      | White  | Cotton   |
| Gauze     | 1      | 11000       | 22000      | Black  | Cotton   |

## Fly system

|                                      |                                            |
|--------------------------------------|--------------------------------------------|
| Manufacturer                         | Trekwerk / TNM                             |
| Position of console                  | Left / Right                               |
| Number of consoles                   | 2                                          |
| Number of bars                       | 65                                         |
| Number of bars above audience        | 2                                          |
| Number of bars before portal         | 1                                          |
| Main curtain bars                    | 1                                          |
| Number of sidebars                   | 4 (2 left, 2 right)                        |
| Minimum bar height                   | 0.2 Meter                                  |
| Maximum bar height                   | 22.5 Meter                                 |
| Bar length                           | 22.5 Meter                                 |
| Bar length sidebars                  | 12.8 Meter                                 |
| Bar diameter                         | 48 mm                                      |
| Bar thickness                        | 4 mm                                       |
| Max. bar loading capacity            | 500 KG                                     |
| Max. point load under steel cable    | 250 KG                                     |
| Max. point load between steel cables | 250 KG                                     |
| Number of steel cables per bar       | 8                                          |
| Distance between steel cables        | 3 Meter                                    |
| Exceptions                           | Bars above audience 1 & 2 max load 1000 KG |
| Max. speed                           | 1.8 meters per second                      |
| Grid accessible                      | Ja -> Lamelfloor                           |

## Dimmers

|                     |                                   |
|---------------------|-----------------------------------|
| Manufacturer / type | ADB                               |
| Location dimmers    | Left beside side bridge           |
| Number of circuits  | 224x -> 2.5 KW<br>16x -> 5 KW     |
| Dimmerprotocol      | DMX 5 pin                         |
| Remote              | Yes -> ELC Focushand 3            |
| DMX connections     | FoH<br>Stagefloor<br>Light bridge |

|                 |                                           |
|-----------------|-------------------------------------------|
|                 | Side bridge<br>Light booth                |
| UTP connections | Stagefloor<br>Light bridge<br>Light booth |

## Audio

|                  |                                                                                            |
|------------------|--------------------------------------------------------------------------------------------|
| System processor | Meyersound Galileo 816 (8 in, 16 out)                                                      |
| Presets          | Left + Right<br>Left + Right + Center<br>Left + Right + Sub<br>Left + Right + Center + Sub |

## PA system

| Manufacturer  | Type       |            | Used                | Position       | Number L  | Number R |
|---------------|------------|------------|---------------------|----------------|-----------|----------|
| Alcons        | LR 14 B    | Flown      | Low balcony's       | Left + Right   | 2         | 2        |
| Alcons        | LR 14      | Flown      | Balcony's           | Left + Right   | 6         | 6        |
| Meyer sound   | Ultra X-40 | Flown      | Center cluster      | Center         | 3x Center |          |
| Alcons        | LR 14      | Flown      | Floor               | Left + Right   | 9         | 9        |
| Meyer sound   | 1100 – LFC | Stacked    | Subwoofer           | Left + Right   | 1         | 1        |
| Alcons        | SR 9       | Front fill | Front fill          |                | 3         | 3        |
| Alcons        | VR 12      | Infill     | Infill Left + Right | Left + Right   | 1         | 1        |
| Electro voice |            | Infill     | Infill balcony      | Wheelchair row |           |          |

# Auditorium 2 “Flexfamily zaal”

## General information

|                      |                                           |
|----------------------|-------------------------------------------|
| Year of construction | 2010                                      |
| Theater type         | Flat Floor                                |
| Curtains             | Black legs on rails                       |
| Main curtain         | None                                      |
| Flysystem            | Combination of fly-bars and walkable grid |
| Dancefloor           | Zwart                                     |

## Seating capacity

|                |                       |
|----------------|-----------------------|
| Maximum number | 290                   |
| Note           | On three sides people |
| Front of House | Open light cabin      |

## Dimensions

|                                | Width (mm) | Depth (mm) |
|--------------------------------|------------|------------|
| Floor                          | 16000      | 25000      |
| Stage floor (with tribunes)    | 8500       | 16000      |
| Stage floor (without tribunes) | 16000      | 8500       |
| Backstage                      | 16000      | 7500       |

| Floor to:    | Height (mm) |
|--------------|-------------|
| Main grid    | 7000        |
| Max. fly bar | 9000        |

## Fly system

|                                      |                 |
|--------------------------------------|-----------------|
| Manufacturer                         | Trekwerk        |
| Position of console                  | Right (wallbox) |
| Number of consoles                   | 1               |
| Number of flybars                    | 10              |
| Maximum flybar height                | 9 meter         |
| Bar length                           | 13 meter        |
| Bar thickness                        | 48 mm           |
| Max. bar loading capacity            | 300 KG          |
| Max. point load under steel cable    | 150 KG          |
| Max. point load between steel cables | 150 KG          |
| Number of steel cables per bar       | 5               |

## Dimmers

|                    |                        |
|--------------------|------------------------|
| Manufacturer       | ADB                    |
| Dimmer location    | Left beside light grid |
| Nnummer of dimmers | 228 -> 2.5 kw          |
| Dimmerprotocol     | DMX 5 pin              |
| Remote             | Yes -> ELC Focushand 3 |
| DMX connections    | Floor<br>Grid<br>FoH   |
| UTP connections    | Floor<br>Grid<br>FoH   |

## Audio

|                   |                                                                           |
|-------------------|---------------------------------------------------------------------------|
| System processing | SymNet Express 8x8 Cobra                                                  |
| Presets           | Left + Right<br>Left + Right + Sub<br>Left + Right + Sub Left + Sub Right |

## PA System

| Manufacturer | Type    | Used                         | Position                               | Number L | Number R |
|--------------|---------|------------------------------|----------------------------------------|----------|----------|
| Meyer Sound  | UPA 1 P | Side tribune<br>Left + Right | Flown                                  | 1        | 1        |
| Meyer Sound  | UPA 1 P | Front tribune<br>upper floor | Flown                                  | 1        | 1        |
| Meyer Sound  | UPA 1 P | Front tribune<br>down floor  | Flown                                  | 1        | 1        |
| Meyer Sound  | 650 P   | Subwoofer                    | Beside side<br>tribune left +<br>right | 1        | 1        |

# Equipment

## Video

|                   | Number | Dimensions  | Manufacturer/Type                    | Notes                                                             |
|-------------------|--------|-------------|--------------------------------------|-------------------------------------------------------------------|
| Projector         | 2      |             | Christie LWU900-DS<br>8000 Ansilumen | Incl. flyframe<br>1x fixed in auditorium 2<br>"Seesing Flex Zaal" |
| Projection screen | 1      | 6.5 x 3.7 M | AV Stumpfl                           | Incl. rigging cage<br>Incl. legs                                  |
| Video switch      | 1      |             | Black Magic ATEM Mini<br>Extreme     | 8 x HDMI inputs                                                   |

## Microphone list

| Number | Manufacturer   | Type                          |
|--------|----------------|-------------------------------|
| 5      | Shure          | Beta 57                       |
| 4      | Shure          | SM 58                         |
| 6      | Shure          | SM 57                         |
| 1      | Shure          | SM 87 A                       |
| 1      | Shure          | SM 87                         |
| 2      | Shure          | KSM 137                       |
| 2      | Shure          | Beta 52                       |
| 7      | Sennheiser     | E 604                         |
| 2      | Sennheiser     | E 602-II                      |
| 3      | Sennheiser     | MD 421                        |
| 4      | Sennheiser     | Black fire 541                |
| 2      | Sennheiser     | EM 2050 (incl. antenna's)     |
| 2      | Sennheiser     | SKM 2000 Handheld + E945 head |
| 2      | Sennheiser     | Sk 2000 Beltpack + lemo 3 P   |
| 5      | Sennheiser     | E 614                         |
| 1      | Sennheiser     | E 914                         |
| 2      | Neumann        | KM 184                        |
| 2      | Audio technica | Pro 37                        |

## Microphone stands

| Number | Type                               |
|--------|------------------------------------|
| 4      | K&M low stand incl. boom           |
| 15     | K&M high stand incl. 2 part boom   |
| 1      | K&M high stand incl 1 part boom    |
| 2      | K&M high stand without boom        |
| 8      | K&M table stand incl. heavy bottom |

## Audio

| Number                  | Manufacturer / Type  | Notes                  |
|-------------------------|----------------------|------------------------|
| <b>Monitor speakers</b> |                      |                        |
| 6                       | Sound Projects X-act |                        |
| 4                       | Renkus-Heinz         |                        |
| <b>Consols</b>          |                      |                        |
| 2                       | Midas M32 full-size  | Inc. DN32 USB card     |
| 1                       | Midas DL32           |                        |
| <b>Side equipment</b>   |                      |                        |
| 3                       | Numark MP103         | CD/USB player          |
| 1                       | Yamaha SPX2000       | Multi-effect processor |

## Lighting

| Number                     | Manufacturer / Type                | Notes                          |
|----------------------------|------------------------------------|--------------------------------|
| <b>Consoles</b>            |                                    |                                |
| 1                          | Grandma 2 on-PC command wing       | Incl. PC<br>Incl. Touch screen |
| 1                          | Grandma 2 on-PC fader wing         | For Command wing               |
| 2                          | Compulite vector violet            |                                |
| <b>Haze/stands/dimmers</b> |                                    |                                |
| 1                          | Swefog ultimate 2000               | Hazer oil-based<br>Incl. fan   |
| 12                         | Admiral                            | Floorstand                     |
| 1                          | DIG 12                             | 48 channel dimmer              |
| 1                          | DIG 12                             | 24 channel dimmer              |
| <b>LED</b>                 |                                    |                                |
| 20                         | CLF Yara RGBW 6 CH mode            | Shared at both auditoria       |
| <b>Lighting-bridge</b>     |                                    |                                |
| 1                          | Robert en Juliat Victor MSR 1800DE |                                |

## Lighting fixtures

| Number | Manufacturer | Type            | Angle      | Power (watt) | Notes                  |
|--------|--------------|-----------------|------------|--------------|------------------------|
| 12     | ADB          | C 103 PC        | 7° -> 61°  | 1 KW         | Incl. barndoors        |
| 12     | ADB          | C 203 PC        | 8° -> 58°  | 2 KW         | Incl. barndoors        |
| 14     | Niethammer   | Enizoom Profile | 16° -> 38° | 1 KW         | Incl. Diafragma        |
| 6      | TSB          | Six-bar         | MFL        | 6x 1 KW      |                        |
| 2      | TSB          | Six-bar         | MFL        | 4x 1 KW      | Voorzien van 4x Par 64 |
| 13     | Div.         | Par 64          | NSP / MFL  | 1 KW         |                        |
| 6      | Div.         | Par 64          | MFL        | 1 KW         | On a stand             |