

TECHNICAL DATA SHEET - GEOMETRIA



Video Operator: Marcel Bago // (+34) 673 46 56 35

Lighting Operator: Pau Farreny // (+34) 680 38 75 73

Technical Data Sheet: v.1 – 13/11/2019

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STAGE AREA:

Stage Tilt: 0%

Downstage width: 10m

Depth from downstage to upstage: 10m

Grid Height: 6 m

Stage Height above ground: 1.10m

Notes: If the show is out of a theatre, we need a structure to hang-up all the fixtures and the cyclo, like a Ground Support.

MACHINES

1 x Black box, Italian legs and borders.

1 x All the stage area in black with a little light in each wing

1 x Black linoleum in the floor with perfect conditions.

3 x Motorized and electrified pipes on stage.

1 x Motorized and electrified pipes for frontal.

1 x Motorized pipe for video.

Notes: It's necessary to clean the linoleum before the show

VIDEO

If the theater has projectors and the size of the stage is 10x10m the necessary projector is 15.000 Lumens with 0.3 super wide angle optics.

In the case that the stage is up to 13.5m x 10m it's necessary a 15.000 Lumens projector with an optic 0.8.

2x Extender HDMI, connected from the projector to FOH.

1x monitor, mouse and keyboard.

A point of power is needed upstage for the projector.

Video technician: Marcel Bago // (+34) 673 46 56 35 - contact@frontofhouse.club

Lighting technician: Pau Farreny // (+34) 680 38 75 73 - paufarreny@hotmail.com

LIGHTING

Theatre equipment

Spotlights:

15 x PC 1Kw (With barn doors and gel holder)

15 x PAR 64 CP62 (nº 5)

1 x PAR 64 CP61 (nº 2)

11 x Profile 28/54º 1Kw

4 x Fresnels 1Kw (With barn doors and gel holder)

4 x Flood Light 1Kw (With gel holder)

Others:

6 x Dance street structure at least 2.5m high.

1 x Black T-shape structure, to hang the laser form LX4 (50cm drop, at least)

2 x Gobo holder (For profiles)

1 x Unipersonal elevator type "Genie"

4 x Haze machine

3 x Fan

1 x Laser DJ Lase 40G MkIII – Stairville or VL3500Q/VL4000 or Martin Mac Quantum Profile

1 x Laser Prolight Smart 600 – 34ch or VL3500Q/VL4000 or Martin Mac Quantum Profile

Company Equipment

1 x Node Art Net CAT6

1 x Led Strip 8m x 6m

2 x Gobos

1 x Lighting Desk

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Lighting requirements

Three fans are required: One in the middle of the dance street structure in stage right, the other up on the LX3 pipe and the other on FOH. The fans must be able to regulate their speed through the lighting desk.

Necessary wiring of current and signal to be able to connect:

- Three haze machines (3 Schuko + 3DMX 3 pin) located: one in FOH (DMX goes direct for the Lighting desk) another in stage right under the second dance street structure and the third is hanging on the LX3 pipe on Stage Left (the last ones are connected on the node that brings the company) .
- Node (1 Schuko + 1 power splitter + cable Art Net CAT6 to FOH) located behind the cyc in stage right.
- Laser 1 (1 Schuko + cable DMX 3 pin) located in the middle on LX3, the signal it goes to the company's node.
- Laser 2 (1 Schuko + cable DMX 3 pin) in the middle on LX4 the signal it goes to the company's node.
- Led Strip (1 Schuko + 1 power splitter) located behind the cyc in stage right.

Power wiring to be able to connect all the conventional spotlights with respect to the plane.

Necessary in FOH:

- One cable Art-Net Cat6 (as minimum) that goes from behind the cyc, stage right, where the node will be located, up to control. This cable must be INDEPENDENT of the video Art-net .
- The DMX signal of the dimmer
- It's necessary the control of the House Lights from the desk of the company.

Notes:

Necessary to send the theater plans as soon as possible in Autocad 2010, in order to make the adaption.

Given the technical requirements of this show, we would appreciate it if the light equipment **were assembled and checked before the arrival of the company.**

It's **IMPORTANT** to disconnect the sensors or smoke alarms when the technical crew arrives at the stage, since we bring lasers and we need smoke to get the desired effect.

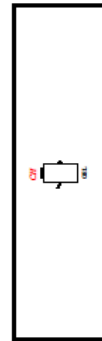
Generic lighting plan:

(It will be sent another plan with the adapted laying out)

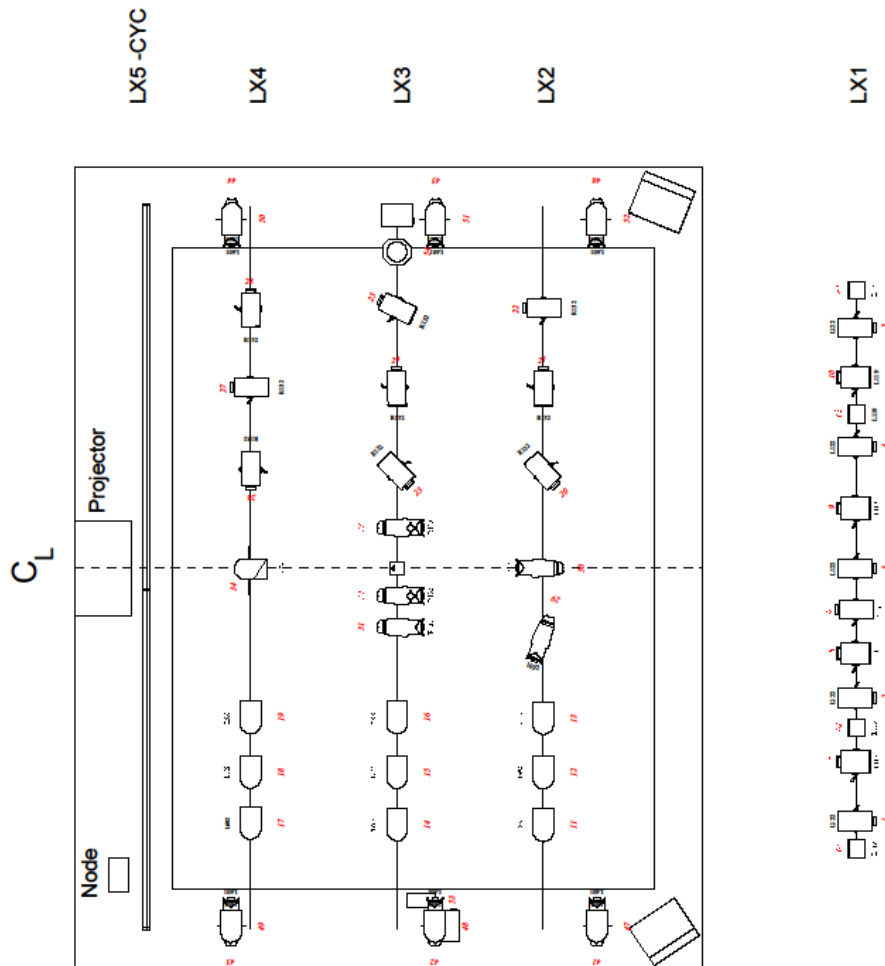


NOTES
 - La CM lleva el recatado de los led (bin y bin)
 - La CM lleva 3 mapas de mano con DMX
 - La CM lleva un modo subido de 16 del cob
 - Sección de apagar: alumina en modo de mano
 - Sección de encendido: alumina en modo de mano
 - Sección de tener: alumina en modo de mano
 - Todos los proyectores llevan que tener: parafusos y yales
 - Mayoría de los de la barra L33, que tienen que tener parafusos
 - Los cables de los cables de mano que están a mano de mano
 - Hay un cable de mano que está a mano de mano
 - Hay un cable de mano que está a mano de mano
 - Hay un cable de mano que está a mano de mano
 - Hay un cable de mano que está a mano de mano

| Legend | Symbol | Name | Count | Wattage |
|--------|----------|-------------|-------|---------|
| | [Symbol] | PC | 15 | 1000 |
| | [Symbol] | PAR 64 CP62 | 16 | 1000 |
| | [Symbol] | PAR 64 CP61 | 1 | 1000 |
| | [Symbol] | PROFILE | 11 | 750 |
| | [Symbol] | FRESNEL | 4 | 1000 |
| | [Symbol] | FLOOD | 4 | 1000 |
| | [Symbol] | LASER | 2 | 0 |
| | [Symbol] | FAN | 2 | 0 |
| | [Symbol] | HAZER | 2 | 0 |



| GEOMETRIA | |
|-------------------------------|------------------|
| Director: | Marta Almirall |
| Lighting Design: | Andreu Fabregas |
| Lighting Programmer: | Pau Farreny |
| Lighting Technician: | Pau Farreny |
| Contact Lighting Technicians: | +34 680 38 75 73 |
| Production: | Roseland |
| Scale: | 1/50 |
| Version: | 1 |



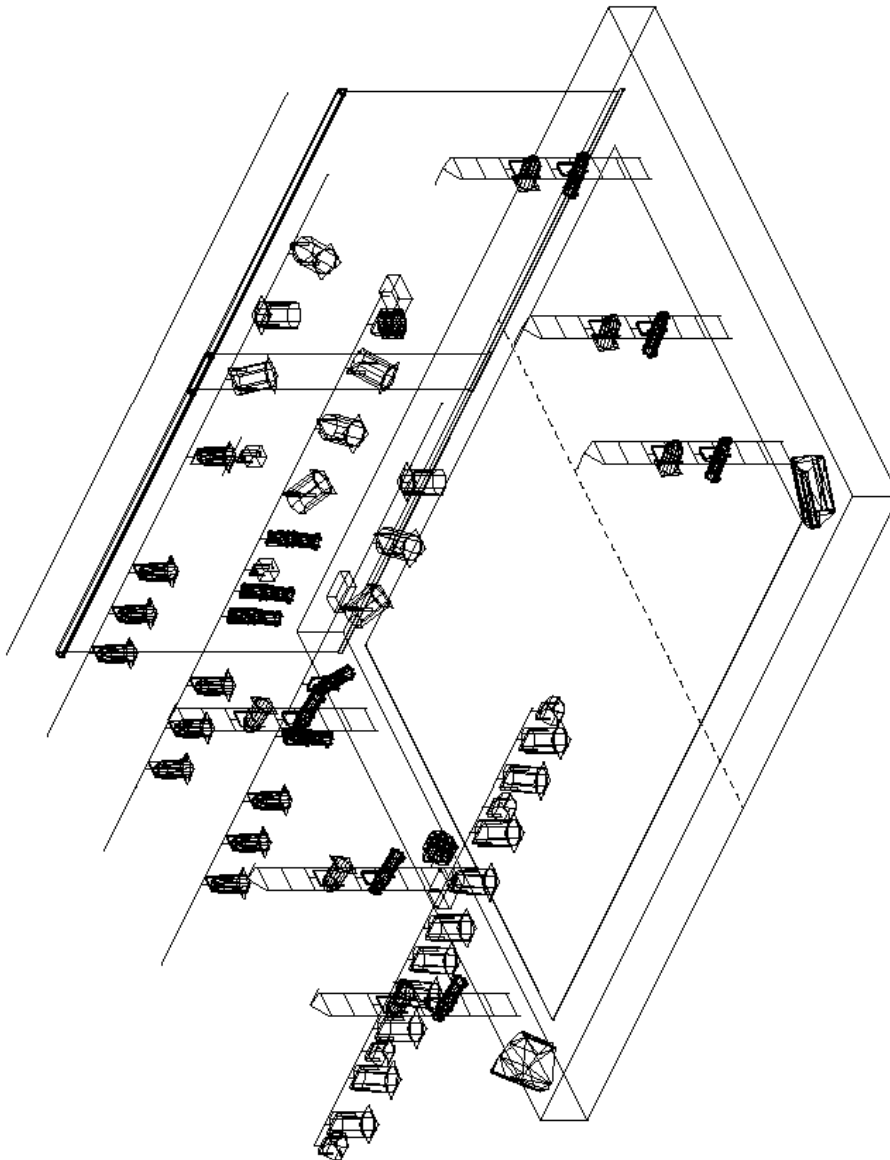
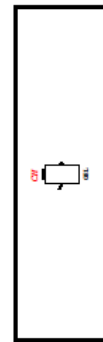


NOTES

- La CSA lleva el receptáculo de la luz (16w 100v)
- La CSA lleva 3 mapalinas de humo con DMR
- La CSA lleva un tubo absorbente de la luz
- Hay un cable apagar, un interruptor de humo
- Hay un cable para el control del diámetro
- Hay un cable para el control de la luz y video
- Hay un cable para el control de la luz y video
- Todas las proyectores llevan que tener parafusos y juntas
- Hay un soporte de la barra CSA, que tienen que tener parafusos
- Hay un cable para el control de la luz y video
- Hay un cable para el control de la luz y video
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Legend

| Symbol | Name | Count | Wattage |
|--------|-------------|-------|---------|
| | PC | 15 | 1000 |
| | PAR 64 CP62 | 15 | 1000 |
| | PAR 64 CP61 | 1 | 1000 |
| | PROFILE | 11 | 750 |
| | FRESNEL | 4 | 1000 |
| | FLOOD | 4 | 1000 |
| | LASER | 2 | 0 |
| | FAN | 2 | 0 |
| | HAZER | 2 | 0 |



| GEOMETRIA | |
|------------------------------|------------------|
| Director: | Maria Almirall |
| Lighting Design: | Andreu Fabregas |
| Lighting Programmer: | Pau Farreny |
| Lighting Technician: | Pau Farreny |
| Contact Lighting Technician: | +34 680 38 75 73 |
| Producció: | Roseiland |
| Scale: | 1/50 |
| Version: | 1 |

SOUND:

System of P.A.: Line Array and subwoofers, preferably flown (Only the Line Array) with enough SPL to cover the whole room.

1 Sound Desk (2 IN for the PC, 2 OUT for the monitors and two more for the P.A.)

2 x D.I.

1 x Cable Stereo MiniJack - Jack

2 x Monitors distributed on the first two wings of the stage.

The power stages and wiring are necessary for the sound system.

GENERIC REQUIREMENTS:**FOH**

Centered in the middle on the stage, with a 2x1m riser or table for the video control and another 2x1m riser or table for the lights and sound control. There should not be any object that can obstruct the vision and the sonority of the stage.

In the control it's needed: a Schuko 16 A, plus a current a power splitter of 6 plugs for lighting control and another Schucko 16 A, plus a power splitter of 3 plugs for the video and sound control, each one separated with its respective protection.

Dressing Room

2 Dressing Room for the dancers.

Available water for all the company members.

Other

Loading and unloading area near the stage.

The theatre must have current protection equipment with its corresponding grounding and the material in good conditions.

Video technician: Marcel Bago // (+34) 673 46 56 35 - contact@frontofhouse.club

Lighting technician: Pau Farreny // (+34) 680 38 75 73 - paufarreny@hotmail.com

Technical staff required

Theatre Staff

2 Lighting technicians during get in/get out and the show.

1 Stage hand during get in/get out and the show.

1 Sound technician during get in.

1 Video technician during get in/get out and the show.

Company Staff

1 Video operator

1 Light and sound operator

3 Dancers

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