

TECHNICAL RIDER QUANTUM Cie Gilles Jobin - Genève



Contacts

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General Remarks

Stage, wings and flies will be free of any equipment for Quantum's technical team arrival.

The sound desk must be in the auditorium, centered, no cabin.
If necessary, audience seats can be removed.

Charges for equipment freight are at organiser's expense.

We need an internet Wi-Fi connection in the theatre.

- **QUANTUM cast**

Choreography	Gilles Jobin
Dance	Stéphanie Bayle, Bruno Cezario Stanislas Charré, Ruth Childs Adriano Coletta, Susana Panadés Díaz

Music	Carla Scaletti
Lumino-Kinetic installation	Julius Von Bismarck

Technical manager + stage and sound manager	Marie Prédour
Lumino-Kinetic engineer	Martin Schied

Staff on tour :

Choreographer : 1
Dancers : 6
Technicians : 2
(Tour Manager TBC, depending on the tour)

- **Minimum Call**

Set-up and rehearsals : 5
Show and Strike down : 1

- **Equipment dimensions**

4x Large suitcases on castors (77,5cmx51cmx26,5cm / 32Kg each)

1x Medium suitcase on castors (73,5cmx47,5cmx24,5cm / 23 Kg)

1x Flight case without castors (62cmx78,5cmx62cm / 37,5Kg)

2x Small Peli Case (34cmx28cmx55cm / 20Kg each)

1x Small suitcase on castors (60cmx60cmx80cm / 11Kg)

1x Round black Bag (55cm x 55cm x 5cm / 10Kg)

Total = about 2m3 and 250 Kg

More detailed document and photos available, contact our technical manager.



Schedule

*This is an ideal schedule, it is given **as an example**, it can be modified and adapted according to the venue.*

❖ Day 1 (1 day before show) :

- | | |
|---------|--|
| 9h-13h | Structure set-up |
| 14h-18h | Structure-Sound-Stage-Light set-up /Light tuning and programming |
- Local crew :
 - 2x stage technicians
 - 1x light/stage technician
 - 1x sound technician

❖ Day 2 (day of show) :

- | | |
|---------|---|
| 9h-13h | Last set-up details/Light tuning and programming-Soundcheck |
| 14h-18h | Rehearsals |
| 19h-20h | Preset |
| 20h | Show |
- Local crew :
 - 1x stage manager
 - 1x light/stage manager
 - 1x sound manager
- | | |
|---------|-------------|
| 21h-23h | Strike down |
|---------|-------------|
- Local crew :
 - 4x Technicians

Light

QUANTUM's light is a visual art piece from the artist Julius Von Bismarck. Four lamps hanged on a steel wire are connected to motors and pulleys. Based on the pendulum principle, each lamp makes a circular movement in a synchronised and desynchronised effect.

The whole system is driven by PURE DATA soft through a computer.

Video linked

QUANTUM/double screen
<https://vimeo.com/79898117>
code:1964

Graphic representation of Julius Von Bismarck's installation
<https://vimeo.com/26332996>

QUANTUM@Annecy
<http://vimeo.com/84075024>
code:1964

❖ Equipment to be provided by local organizer

- 4x Direct lines 220V on grid (on/off function on dimmer is NOT accepted)
- 9x Direct lines 220V or 110V on grid (on/off function on dimmer IS NOT accepted)
See : Electricity chapter page 6 and 7
- 15x Adaptors for our Schuko plugs to the local plugs
- 5x Multi plugs with 4 sockets each

- 10x Dimmers line 2/3kw type Juliat Digi VI or equivalent (for bowing light)
- 10x Profiles 1kw type Juliat 614 SX or equivalent (for bowing lights)
- 1x Dimmable Audience light
- 1x Lighting desk only to control audience light and bowing lights
- Gels 10x L201 + 10x R119

- 2x Intercoms (1x in control booth - 1x on stage/backstage)

❖ Equipment provided by the company

All this equipment is grounded, secured and gets its own hanging and safety system.

- 4x Zumtobel lamps COPA I RAT on clamps
- 4x Motors on clamps
- 16x Small pulleys on clamps
- 4x Cameras on clamps
- 4x Infra-red sensors on clamps
- 1x Computer
- xx Stainless steel wires to link the lamps to motors and poulies
- xx Hub USB + USB connections + Cat 6 RJ45 cables and connections
- 1x Cat 6 RJ45 cable (50m) going from grid/stage to the control booth

Electricity

❖ 220V electricity

We need **at least 220V** for the four lamps, if you are not sure please make measurs.
Our lamps have problems and might not work if we run below 220V.
The rest of our equipment can run under 110V.

If no electricity at 220V

The venue must provide an electrical transformer 110VAC/220VAC (600VA per lamp).

❖ Electrical Phases

We ask to plug at least on two different phases, the 4 Zumtobel lamps have to be separated from the rest of the equipment because they create a voltage spike when starting.

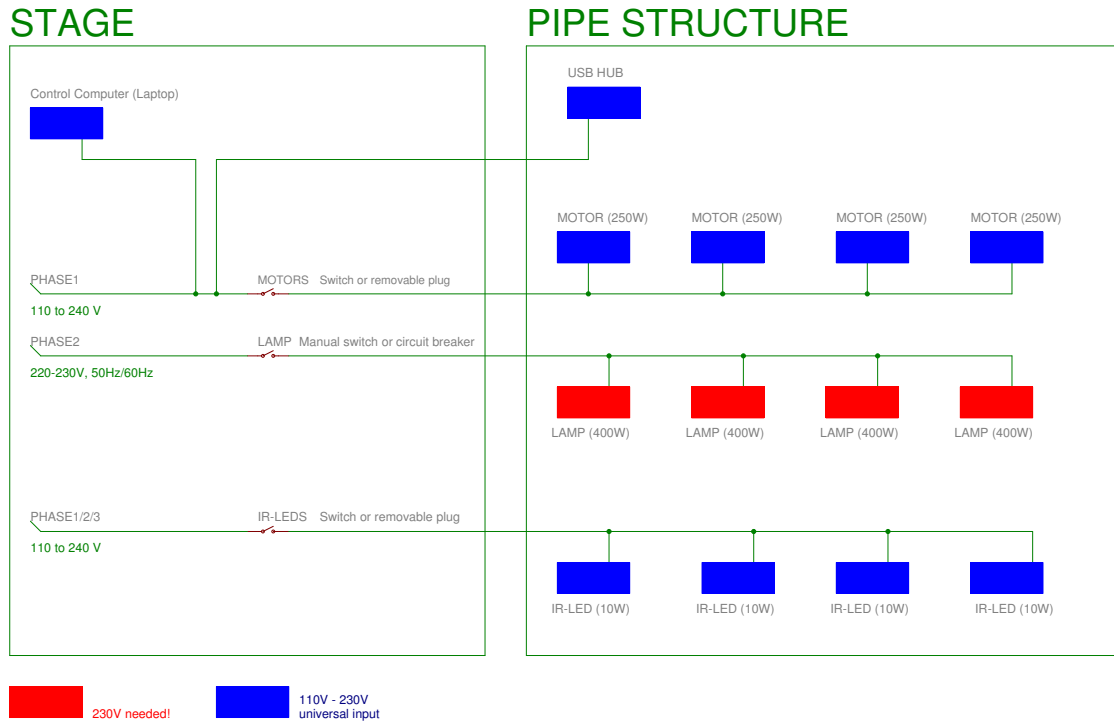
- Phase 1 (220V or 110V)
4 lines for motors (can be connected to one switch in the end)
1 line for USB HUB
- Phase 1 or 3 (220V or 110V)
4 lines for infra-red sensors (can be connected to one switch in the end)
- Phase 2 (220V ONLY)
4 lines for lamp (can be connected to one switch in the end)

❖ On and off control of the lamps

The four lamps have to be turned on and off from the control booth by our light engineer.

If not possible we need to communicate with a technician who will be near by the lamp's switch, our technician will give the cue to turn on and off the lamps during the show.

❖ Example of electrical distribution



Stage

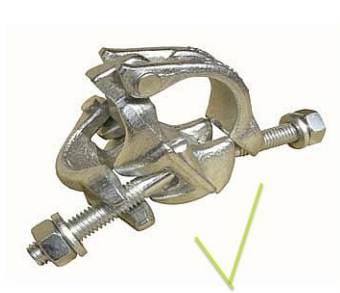
❖ **Ideal measurments**

- Rake : 0%
- Proscenium opening : 12m
- Wall to wall width : 14m
- Depth : 12m
- Height under grid : 8m

The stage house is empty.
No front of house curtain.

❖ **Equipment to be provided by the local organizer**

- 1x Black dance floor in excellent condition which covers the whole stage, if not let us know the dimensions.
Avoid anti-slip or Harlequin Studio type dance mat.
- 4x 6m steel pipes, 48 mm or 50 mm diametre with tube connection to join the pipes together or 2x 12m pipes.
For stages narrower than 12m width (grid opening) :
shorter pipes are needed, please check with our technical manager.
- 6x 3m steel pipes, 48 mm or 50 mm diametre
- 20x Fixed double clamps (no turnable clamps), please make sure the clamps are fitting both theatre pipes and additional pipes that we ask for.



- 12x Turnable clamps 48 or 50mm diametre, please make sure the clamps are fitting both theatre pipes and additional pipes that we ask for.
- 6x Pipes 48 or 50mm, length to be confirmed depending on the distance between pipes/grid and footbridges.
- 6x Black ropes 15m, 12mm diameter, length to be confirmed depending on the distance between pipes/grid and blocking points.

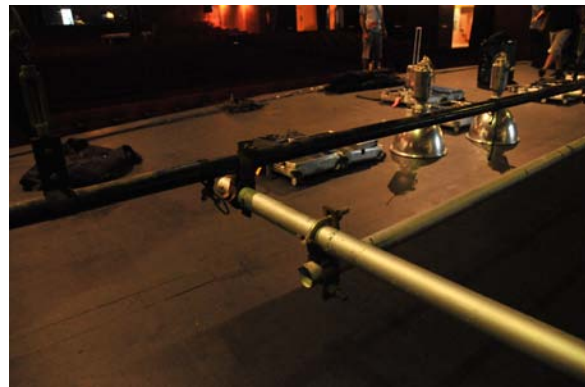
❖ Explanations and details about the structure

- *Structure*

All the equipment asked on page 7 is used to create a rectangle structure for our lamps system and attach it to the theater pipes or grid of the venue.

The rectangle structure **needs** to be clamped to the pipes or grid of the venue. Please make sure the clamps are fitting both theatre pipes and additional pipes we ask for.

The size of the structure may change depending on the size of the venue.



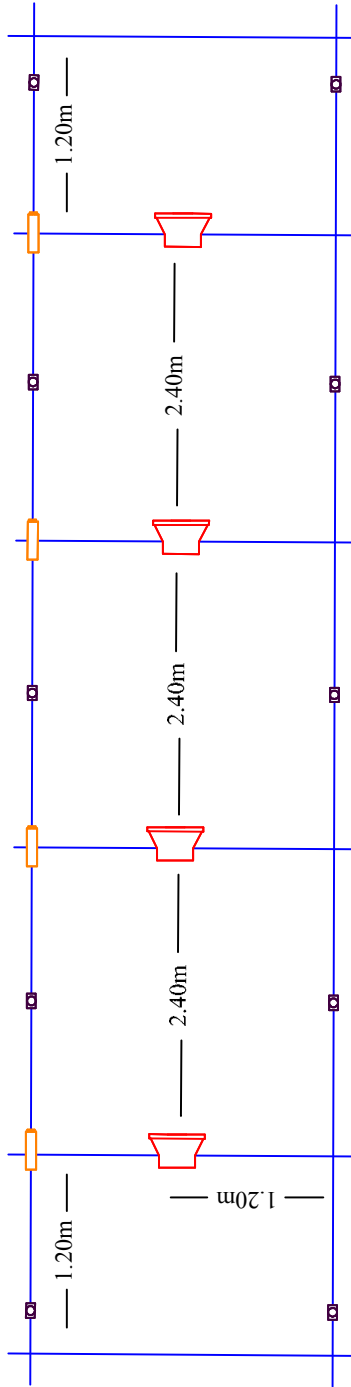
- *Preventing movement of the theatre pipes or grid*

Since the lamps are moving during the performance they create a force that also affects the theatre pipes or grid. This movement has to be prevented, so we need to fix the entire grid or pipes very strongly to some fixed points (on the footbridges, handrails...)




We have two options to do it (ropes or pipes), we ask the equipment for both so we can choose which one is the best. This has to be talked about before our arrival.

Cie Gilles Jobin
 Example of structure for Quantum's lights

The size of the structure might change depending on the venue dimensions and dance mat size
 We clamp this structure to the theatre pipes or grid, please make sure the clamps are fitting both theatre pipes and structure pipes



4x 6m pipes to create 2x 12m long pipes
 6x 3m long pipes

Symbol	Name	Count
	Motors	4
	Lamps	4
	Pulleys	10

Sound

The sound is designed by Carla Scaletti, creator of Kyma software.

We use the Kyma software and the Pacarana Sound Processor to control the sound. The music plays through a quad diffusion system, we have to control independently each speaker and sub.

We have a quad diffusion system for the audience and we repeat it on stage for the dancers.

See routing plan page 12.

❖ **Sound equipment to be provided by the local organizer for a 300 seaters venue**

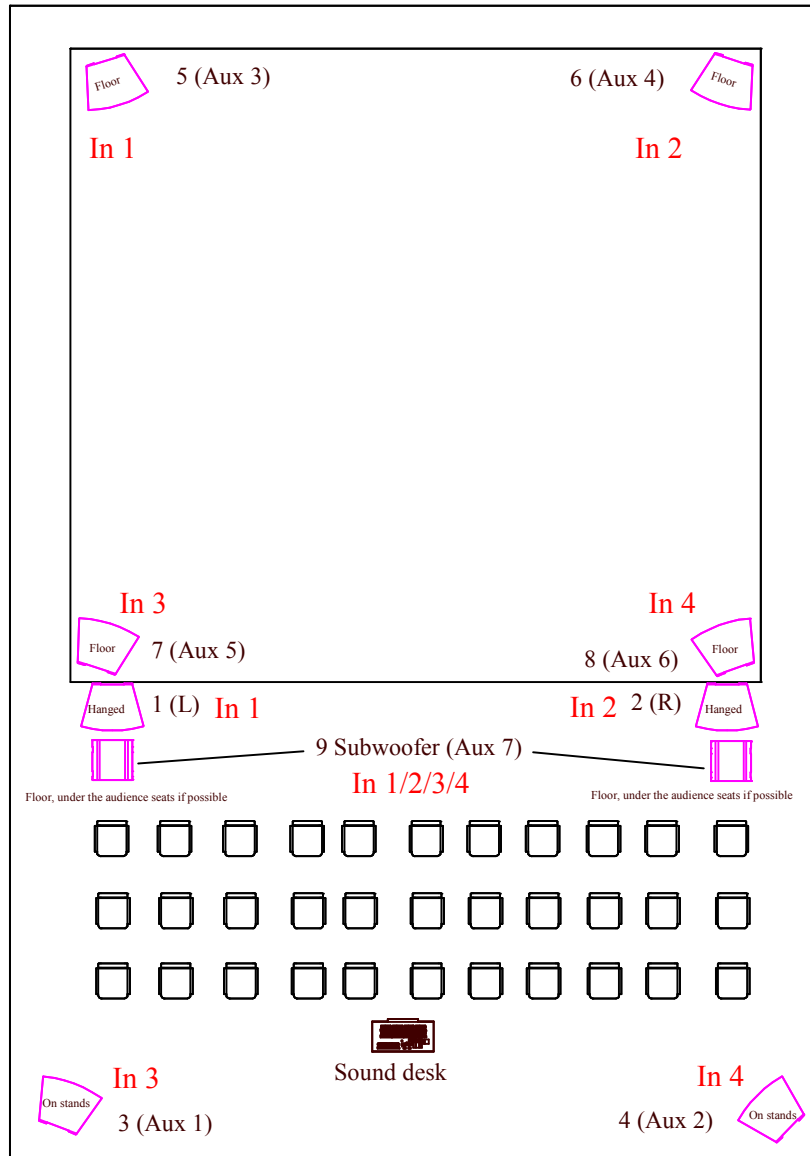
The equipment must be adapted to the venue capacity with good quality electrical cables and balanced cables connections.

- 1x Sound desk with minimum : 8 input / 4 aux / 4 group out / LR main out
Type Yamaha LS9-16 or equivalent
- 8x Speakers 15 " type LAcoustic MTD 115 or equivalent
- xx Filters, amplifiers consequently
- 2x SubBass 18" type LAcoustic SB118 or equivalent
- xx Filters, amplifiers consequently
- 4x Balanced mono or stereo cables jack 2.5mm plug to sound desk plug (xlr or jack)
- 1x 31 Bands Parametric EQ (for the PA)

❖ **Equipment provided by the company**

- 1x Soundcard TC Electronics (4x jack 2.5mm output)
- 1x Pacarana Sound Processor with necessary cables
- 1x Computer MAC with Kyma Soft
- 1x I Pad Apple for the back up
- 1x AirPort Hub Apple and jack to mini jack connection
- 1x Stereo Jack 2.5mm to Mini jack to connect the I-Pad and Airport

Speakers placement and routing



Dressing Rooms

(If you don't provide towels, please let us know)

We ask for secured dressing rooms (that can be locked).

- 2x Dressing room for 6 dancers with tables, mirrors, chairs and clothes rail
- 1x Dressing room for the choreographer
- 1x Shower minimum in the dressing room area and one large sink
- 6x Towels

Costumes

We bring our costumes and we take care of it. No need for a costume dresser.

Catering

(If you don't provide catering, please let us know)

Please provide small catering and water for 3 persons (technical crew) on the first day.

Please provide catering and small water bottles for 9 persons starting from the second day in the dressing room area (coffee, tea, fresh and dried fruits, chocolate...)