The Lucamoros Company

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Technical Information Sheet

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1. Stage Area

The stage consists of traditional Layher Universal scaffolding 7.50 m wide, 9 m high, and 2 m deep, a 2m x 2m stage for a musician and a 3m x 2m technical control area.
NB: in open-air venues or in covered locations which cannot be blacked out, this show may only take place after nightfall.

A. The Scaffolding

Ideally, the organizer should provide the company with a façade 10 m wide and 10 m high. The company commits itself to protecting the building from all paint marks. (Solution 1 hereafter).

If there is no façade available, the company proposes another solution to ensure the stability of the scaffolding (Solution 2 hereafter).

Solution 1: Anchoring to the façade:
Anchoring to the façade is carried out using brackets with 12 Diameter. Current regulations stipulate that 12 anchorages must be spread out evenly across the façade using brackets and anchoring rings.
These anchors must be driven into solid parts of masonry in good condition (preferably into concrete façades, or into the joints between breeze blocks or bricks).

Solution 2: Ballasted Structure:
If it is not possible to find a façade, the structure may be secured using ballast. If this is the case, the organizer must supply 3200 kg of ballast distributed over three pallets. Calculation guidelines are available on request. If this should be the case, the bearing weight for each upright is 2 tons and the organizer must therefore obtain prior information on the land to be used. In this case, the scaffolding will be 4 metres deep.

B. The Musician's Stage (supplied by the company).

The musician's stage shall be situated Stage Left, 5 metres in front of the scaffolding.

C. The Sound and Lighting Control Desk.

The desk is situated 20 m in front of the scaffolding. The organiser must provide a tent measuring 3m by 2 m.

2. Transport

Transportation of equipment is made by a heavy goods vehicle (transport company), unless it is an air freight, of course : in this second solution, the organizer shall provide the vehicles necessary from the airport to the site.
The organizer must provide a forklift truck and driver with lifting capacity of 2 tons, and a lifting height of 8 m to unload, assemble and dismantle the scaffolding and load the lorry, and check that the site may be accessed by a heavy goods vehicle. The forklift truck must be available for the entire assembly period during the day before the show and the dismantling period during the day following the show.

3. Electricity

Important: With each time that is possible, it will be necessary to equip the circuit with the sound on an electrical circuit different from that from the circuit light (earth separated).

The organizer must make available to the company:
- Power supply : 3 x 63A
- A dimmer pack providing 24 circuits of 2 KW.
- 30 m of DMX cable.
- 1 sockets PC 16 A. at the control desk.
- 1 socket PC 16 A at the musician stage.
- 1 Multi 8 x 15m patch cable snake,
- 1 Multi 8 x 10 m patch cable snake,
- 1 Multi 8 x 5m patch cable snake.
- All our projectors are equipped with french sockets and if needed, we have adaptors for cee sockets.
- Extension leads:
- 5 x 20 m,
- 10 x 10 m,
- 10 x 2 m
- 20 m electric cable transit
- The organizer will ensure that public lighting is turned off from the first evening on site to enable us to carry out our rehearsal.
- The electricity unit (if a generator is used) must be at a sufficient distance from the stage and the audience so as not to prevent the latter from hearing the show and moving around.
- Material needed to put ground on the two structures (scaffolding and musician stage).

3. Lighting

We will bring the projectors and mixing desk.

4. Sound

The company will bring 6 wireless microphones and 6 in-ear systems for the artists:
Sennheiser ew500 G2 range (A and D Band) and IEM series 3000 (D)
Frequencies used: 518-550 MHz (A Band) and 786 – 822 MHz (D Band)
If an appropriate frequency plan may not be drawn up for use of this system because the spectrum is occupied by DVB-t transmitters, or because of other disturbances, an alternative solution compatible with Sennheiser MK2 microphones should be supplied.
If other shows also use wireless systems in the neighborhood, a global frequency plan should be drawn up within all companies. (please bring together the concerned technicians before)

<u>The organizer must make available to the company:</u>

<u>Control desk :</u>
1 digital mixing desk, type LS9-32 minimum.
2 2x31 equalizer
1 stereo compressor (dbx166 or 2x 160)
1 delay D-Two

or

1 24-track analogue mixing desk with 8 aux (6 pre/post), 4 groups, 48v per channel, insert and direct out.
5 stereo compressors (dbx 166)
4 2x31 Equalizers
1 delay D-Two
1 Reverb

<u>Stage :</u>
2 Foldback speaker + amplification
4 SM58
1 electrostatic cardioid microphone (KM184 or equivalent)
3 microphone stands with boom arm
4 DI-Box

<u>Front of House :</u>
Multicore: 24 IN / 8 OUT
FOH speakers (with Subs) to be defined, dependent on size of audience and venue.
Provide the necessary hanging/stacking system for the front (h> 2.5 m). Our scaffolding won't be used for that purpose.

2 speakers on stands for front filling.
The FOH should not prevent the scaffolding's visibility for all the audience.

Please provide necessary staff for installing (D-Day in the morning) and removing (D-Day night) all sound equipments.

PATCH IN:

	MIC	*Description*	*Insert*
1	DI	Loop station out 1	
2	DI	Loop station out 2	
3	DI	Loop station out 3	
4	DI	Contrabass pizz	
5	SPLIT in 4	Ctrb archet	
6	SPLIT in 4	Ctrb Kick	31 bands EQ
7	SPLIT in 4	Electric bass	
8	KM 184	OH Ctrb	
9	Provided mic	Ctrb	
10	HF	Voice comedian	Comp
11	HF	Voice comedian	Comp
12	HF	Voice comedian	Comp
13	HF	Voice comedian	Comp
14	HF	Voice comedian	Comp
15	HF	Voice comedian	Comp
16	SM58 + stand	Voice musician	
17	SM58	Talkback 1	
18	SM58	Talkback 2	
19-20	FX Return Delay		
21-22	FX Return Revrb		

PATCH OUT:

Label		*Pre-*	*Insert*

		Post	
AUX 1	IEM L	Pre	
AUX 2	IEM R	Post	
AUX 3	Stage monitor 1	Pre	31 bands EQ
AUX 4	Stage monitor 2	Pre	31 bands EQ
AUX 5	SEND Loop Station	Post	
AUX 6	SEND Delay	Post	
AUX 7	SEND Reverb	Post	
AUX 8		Pre	When using analog mixing desk
GROUP 1-2	Group BASS		stereo COMP
GROUP 3-4	Group VOICES		
L-R			31 bands EQ + stereo COMP

5. Miscellaneous

<u>The organizer must make available to the company:</u>

- A covered space (6m x 4m) to prepare screen for the show.
- Dressing rooms for 7 people, close to the stage
- Hand-basin and toilets close to the stage (hot water if possible)
- Protective coverings for the floors (covered space, dressing rooms and toilets) and hand-basin should be provided (plastic sheeting).
- A large dustbin on wheels around 1000 liters.
- Technicians should wear clothes that could receive paint.
- Catering should be provided at the place where the performance takes place (water, fruit juices, beers, salted and sweet biscuits, dried and fresh fruits...).
- Provide for late meals on performance evenings.
- We would be grateful if you would provide accommodation and meals as close as possible to the show venue.

6. Schedule

This schedule is a standard one in case of a unique evening. It has to be checked for each place and according to the number of performances.
The company is free to choose either a dismantling the night after the last show, or the day after in the morning.

	Times	**Action**	**Company Staff**	**Organization Staff**	**Equipment Supplied**
Day D-1	4-H service dependent on the time of our arrival	Unloading + Assembly of Structure + Set up lighting	4 technicians	1 stage manager + 3 scaffolders + one forklift truck driver	-Forklift truck. -Lighting equipement. -Lest
D-Day	9H – 13H	Set up Lighting + Sound Equipment + Props	4 technicians	1 stage manager + 1 sound director + 2 stage hand + sound team	Arrival of sound equipment
	13H – 14H	Lunch Break		1 security staff	
	14H – 18H	+ Sound Equipment, Sound Checks Scenery	4 technicians	1 stage manager + 1 sound director + 2 stage hands	
	18H -19H	Dinner Break		1 security staff	
	19H – 22H	Finish scenery	4 technicians	1 stage manager	
	22H – 23H30	Show	4 technicians	1 stage manager	
	23H30 – 00H30	Remove scenery and sound	4 technicians	1 stage manager + sound team	
Night, D-Day D-day + 1	00H30 – 10H			1 security staff	

	Times	Action	Company Staff	Organization Staff	Equipment Supplied
D-Day+1	10H – 13H	Dismantling	4 technicians	1 stage manager +3 scaffolders + a forklift truck driver	Forklift Truck
	13H – 14H	Loading	4 technicians	1 Forklift Truck Driver	Forklift Truck Driver

In case of several performances we need for each additional day one security staff (from 00:00 to 15:00) and on stage hand (from 15:00 to 18:00).