

Thunderstruck

Technical rider

Please contact the choreographer or technical coordinator in order to find technical or practical solutions for your specific situation or if there are any questions regarding the content of this rider and its attachments.

Production team

Choreographer, performer	Stina Nyberg	stina.nyberg@gmail.com +46(0)70 2511338
Technical coordinator, Tesla coil and sound technician on tour	Katti Alm	katti@mdtsthlm.se +46(0)70 4971740
Light design	Josefin Hinders	fulaedith@gmail.com
Light technician on tour	TBC	
Sound design	Maria Horn	xmariawhornx@gmail.com

General tour information

Travelling company	4	Stina Nyberg, Katti Alm, Josefin Hinders, Niklas Ren
Persons on stage	4	Stina Nyberg, Katti Alm, Josefin Hinders, Niklas Ren
Technicians on tour	2	Katti Alm, TBC
Dressing rooms	1	Equipped with mirrors, hangers, good lighting for makeup, shower and WC
Studio for warming up	yes	Needed only in case the stage is not available due to a tight setup schedule
Duration of the performance	65 minutes	First part of the performance starts in the foyer or other room outside the stage. Stina might need to be lit up and amplified in the foyer depending on audience numbers and the character of the room.
Intermission	No	
Audience seating	Front seated	Audience seated on two separate tribunes with an aisle in the middle. Other set-ups might be considered if agreed upon beforehand with the choreographer and technical coordinator.
Video documentation	Password: Tesla	https://vimeo.com/242796910

Load in, setup and strike down

Load in	Company brings 1 flight case (the Tesla coil), 3 ski equipment bags (safety mesh), 1 suitcase (helmet, costume and tools)	
In house technicians needed for load in	1	
Set up	App. 6 hours	Room, light, and sound is set up before the Companys arrival according to specifications below.
In house technicians needed for setup	2	The technicians need to be knowledgeable about the technical

Strike down In house technicians needed for strike down	App. 2 hours 1	preconditions of the venue.
Room and set design		
Preferred stage area	10 m wide, 12 m deep. Minimum area 6 m wide x 8 m deep.	There must be a min 3 m gap between the Tesla coil and the audience and min 3 m from the Tesla coil to the back wall. The stage should be on the same level as the first audience seating.
Minimum ceiling height Floor	4 m Wooden floor covered with black vinyl carpet (dance carpet). The floor should be even without splinters or nails sticking out.	It can be possible to perform on concrete or stone floor, with or without black vinyl carpet, if agreed on beforehand with choreographer and technical coordinator.
Walls	Walls covered with black velvet or molton curtains. The curtains need to be fireproofed!	If the walls of the stage are black, it might not be necessary to cover the walls with curtains, if agreed on beforehand with choreographer and technical coordinator.
Total black out	Yes	Room needs to be completely dark, with no visible exit signs. If possible, also total quiet. The situation should appear as an electrical power cut.
Set design, the Company brings Set design, the Organiser provides	Mesh wall 3 black chairs, 2 black tables or 1 flight case (used as table), 1 stable black box, app 1 m high, that Stina can stand and sit on during the performance.	6 m wide, 2 m tall The black box should be agreed upon with the choreographer. Niklas sits on a chair on stage during the performance. Katti and Josefin also sits on stage, operating light and sound from behind the mesh wall.

Tesla coil

Following requirements **must** be provided by the organiser. Since the Tesla coil can generate up to 10.000 volt it needs to be handled with the care and according to the safety precautions. The following specifications are very important for the safety of the performer, technicians and audience. For more specific details of the Tesla coil, see attachment. **If in doubt, always contact the technical coordinator for further information.**

Power outlet	10 Ampere 220-250 volt	Preferably on a separate circuit. The outlet must be separated from sound and light outlets.
Separate grounding for the Tesla coil	The coils earth cable needs a connection to the ground outdoor, the main earth of the house or in a metal construction in the building (for example radiator, iron beam or other metal within in the concrete of the walls and floor).	The Organiser need to measure the power outlets and the ground before load in. For this action, an authorised electrician with an Earth Resistance Tester is needed.
Separate grounding for the mesh wall A fire alarm that can be turned off	This can <u>not</u> be the same ground as the coil The electromagnetic field from the coil risks interfering with the alarm	
See attachment "Tesla coil".		

Light operation

All light equipment, and necessary cables, should be provided by the organiser.

Dimmer channels	24	Output position ceiling
Non dimmable channels	3	Output position ceiling
Lighting console	GrandMA2 on PC or other console in the MA family	
Position of light operator	Behind the mesh wall, see attachment "Light plot".	

Light fixtures

All light fixtures, and necessary cables, should be provided by the organiser. Except the LED and Strobe, the light fixtures can be replaced with an equal model of a different brand if agreed upon beforehand with the technical coordinator.

7 Flood	ADB 1001	Lee ?
13 Fresnel 1000W	Berkey coltran	Barndoors
6 Profile 650W	Selecon	18-32°
	Acclaim	4 of the profiles are used for audience light
4 Ledwash	SGM –P5	Alternatively SGM-P2
2 Strobe	Martin-Atomic 3000	
2 Blinders		Alternatively Parcans
Filters	According to attachment "Light plot"	

See attachment "Light plot".

Sound

The following sound equipment, and necessary cables, should be provided by the organiser. Speaker and sound can be replaced with a similar model or brand if it fulfills the requirements and agreed upon beforehand with the technical coordinator.

Sound console	Yamaha LS9	6 ch in, 3 ch out with built in delay effect
Positions of sound operator	On stage behind the mesh wall	
2 Loudspeakers	L'Acoustic 112P	Left and right, top hanging in front of the audience, 2 subs under or behind the audience seating. If interference in the loudspeakers occurs due to the Tesla coil, it might become necessary to cover the speakers with metal mesh.
2 Sub base	L'Acoustic 5P	
Microphone	Sennheiser	Wireless handheld microphone
Microphone stand		
Soundcard	MOTU UltraLite MkIII Hybrid	Alternatively card with MIDI
See attachment "Light plot" for the position of the speakers.		

The company brings the following:

2 laptops	Apple with Qlab
2 midi interface	

Other requirements

The organiser need to provide earplugs for every audience member and regular aluminum foil (app 50 cm per audience member).

Approximately 2 audience hosts are needed as the audience enters the stage in order to hand out earplugs and a sheet of aluminum foil to every audience member.

The stage must be equipped with fire extinguishers (1 powder and 1 foam), fire blankets, and a cardiac defibrillator.

The stage area, dressing room and warm up space need to be at +20° Celsius

The performer needs at least 1 hour on stage before the performance for preparation.

Organiser needs to provide a cleaning of the stage, auditorium and dressing room area before each performance.