

# Out Of Chaos...

## Technical Specifications



### Technical Contacts

GOM Operations Manager



Lighting Technician (LX)



Sound Designer (SD)



Tour Manager



# Touring Company

## Touring Company is 11

- 8x Acrobats (1 is also Tour Manager, 3 assist as stage hands with bump in and out)
- 1x Musician
- 1x Sound technician (SD) to manage/operate lighting
- 1x Lighting technician (LX) to manage/operate lighting

## When required:

- 1x Director
- 1x Producer/Production Manager

# Venue Crew

*When there are multiple shows at the same venue the venue crew must remain the same from Bump-in until the end of the season. (Bump in = Load in = Set up)*

## PROVIDED BY PRESENTER

- 2x Venue Sound technician (Bump In / Set up)  
Responsible for assisting touring musician and sound technician with sound set-up, soundcheck and system tuning
- 2 x MX to assist with rigging and masking (Bump In and Out)
- 1 x LX to assist with set up (Bump In)
- 1x Venue Technician & 1 x Sound Tech (Show crew)  
Responsible for ensuring the stage is clean for each performance, and maintaining the venue sound (turning on/off) during the season.
- 1x Wardrobe person  
Responsible for washing/drying and ironing costumes before the show each day

# Staging

Please send us your venue's technical specifications and stage plans in dwg or vectorworks format including fly bars to [REDACTED] as early in the process as possible. We will use this to create a plan tailored to your stage.

## Playing space is 10m wide x 8m deep

### Minimum 6.5m high clearance to stage fly bars / grid.

NB: It is important that the majority of the audience can see the floor.

If the stage height is more than 1.4m into the house, a set of steps (treads) will be required Stage Right to allow performers access into the auditorium on occasion.

## COMPANY TO PROVIDE

The set consists of:

- Black Acromats to cover 8M wide x 6M deep
- 8x 120cm diameter acrobatic tables
- 2x 6m panorama booms (poles that we tour hung from the end of flybars or grid)
- 8x 6mm dyneema droppers at various heights
- 7x Plastic curtains to be hung upstage (8m x 2m)

## Overview



The lighting design for Out of Chaos contains 8 ropes (dyneema droppers) attached to fly bars which hang to specific heights above the stage. Each one has a magnet connection on the end of it. The performers attach and detach wireless Astera AX3 handheld LED lights to these magnet connections at different parts of the show. There is also one wireless Astera AX10 light attached to the most central rope for a scene in the show.

At stage left and right we rig a lateral 6m 20mm square steel tube (Panorama bar). The performers attach and detach up to 4 AX3 lights to each bar at different points in the show.

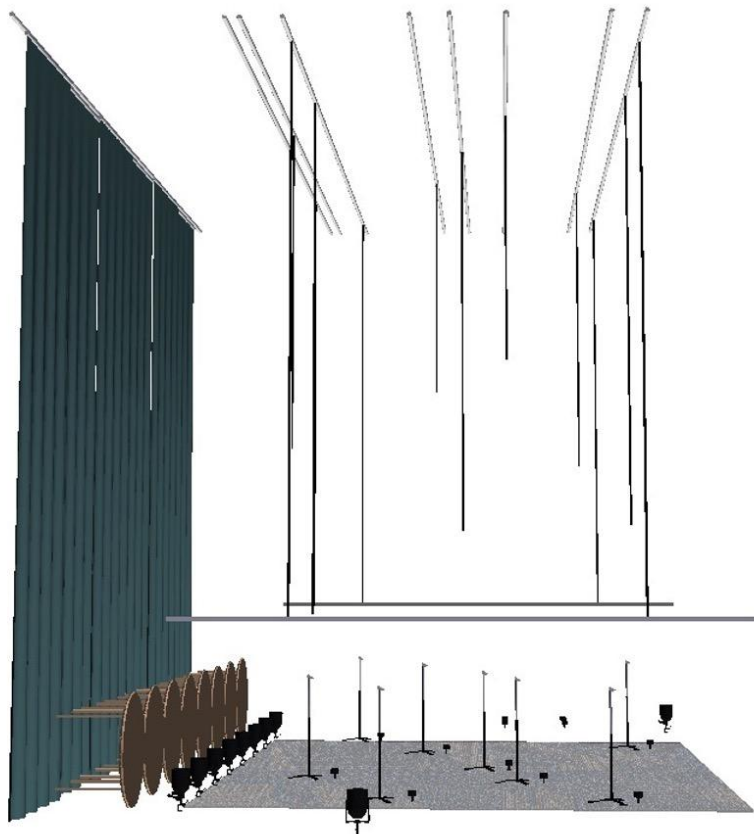
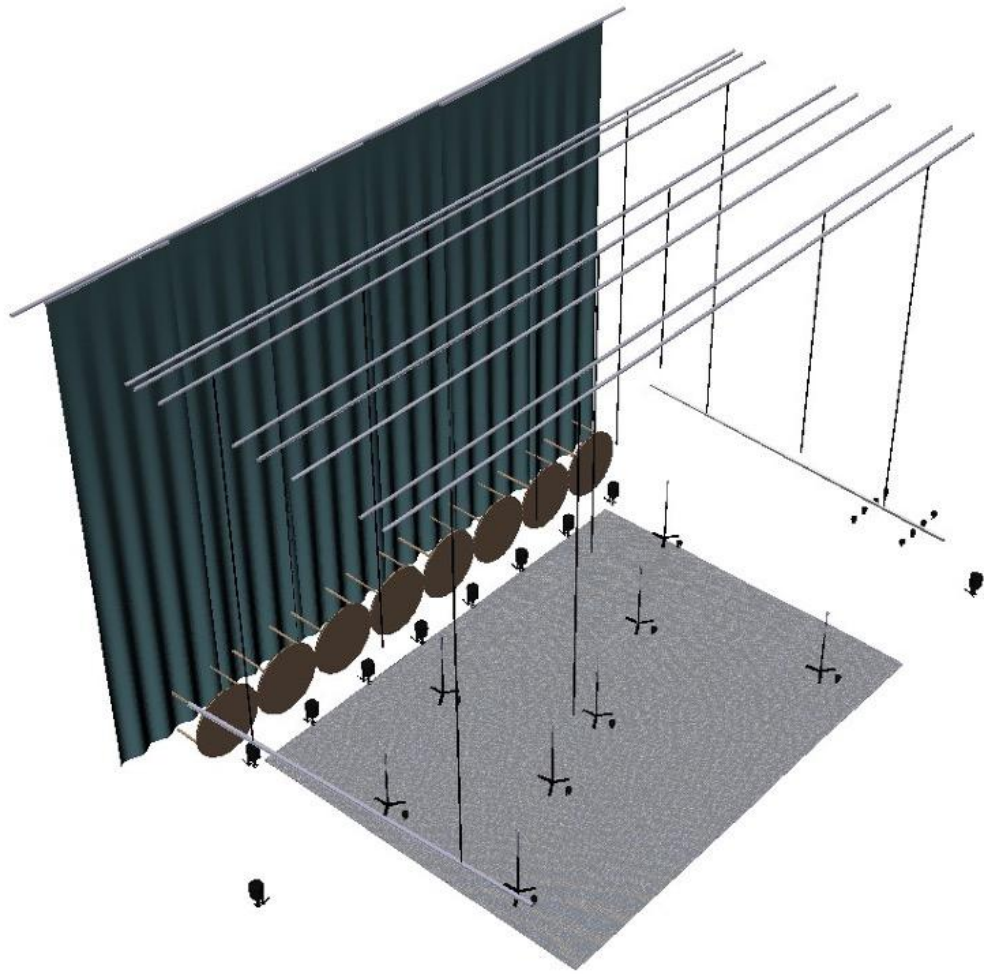
Furthermore we use a top wash (06 Fresnels or PC's) and a FOH wash (05 Profile spots).

AX3 – 0.7kg per light

AX10 – 8kg per light

On the stage plan tailored to your venue we will determine in advance which fly bars we will rig these ropes from.







## Masking

### PRESENTER TO PROVIDE

- Masking will depend on the venue, ideally we would strip the theatre/venue of ALL on stage masking. However, on receipt of venue pictures we will advise final masking requirements.
- We will need masking / Draping to cover backstage exit and work lights as close as possible in accordance with local laws.
- Black curtain at upstage edge

## Rigging

Please inform us if you have a fixed / static rig that cannot be moved up and down. If everything needs to be installed via ladder or genie then we need to adjust our schedule accordingly.

### PRESENTER TO PROVIDE

- All points are to be hung from the existing lighting grid with a maximum load of 10kgs per point, so no rigger is required. See rigging plan provided.

### COMPANY TO PROVIDE

- Company will provide all rigging equipment from 8m to stage level.

In addition, in some situations we will require a safety "lunge" line set up for warming up some of the acrobatic tricks prior to the show. The warm up process involves the acrobats checking their positioning with each other for jumping and catching. They have done these tricks hundreds of times but still practice them before each show to maintain the confidence of doing them and checking they are judging the distances correctly. The person jumping wears a safety harness attached to a climbing rope held taut by a 3rd person "lunger" throughout the jump and catch.

The set up of this safety line involves 2x rigging points (preferably on truss) to place our pulleys at a trim height of 8M above the stage level, the 2 points are 4m apart with a total combined Safe Working Load of 500kgs. If this will be necessary in your venue we will contact you in advance to discuss it.



# Lighting

## Control

### COMPANY TO PROVIDE

- DMX Transmitter which controls all of our wireless lighting.
- GrandMA3 onPC command wing Lighting desk.

### PRESENTER TO PROVIDE

- house light control (preferable via DMX/ sACN)
- access to house dimmer system (via DMX/ sACN)

## Effects

### COMPANY TO PROVIDE

- 1 x Smoke Factory tour Hazer 2 (if venue has a Hazer set up we may use it to save time)

## DMX controlled Lights

### PRESENTER TO PROVIDE

- Safe a secure area with two power outlets to charge lights overnight

### COMPANY TO PROVIDE

- 9x AX10 Astera full colour, wireless LED Lights (+ 1 spare)
- 16x AX3 Astera full colour, wireless LED Lights (+ 2 spare)

## Conventional Lights & Bars

### COMPANY TO PROVIDE

- 2x 6m square metal tubes (used as lateral panorama bars) to hang from in house fly bars, 2m offstage either side of the mat. These tubes are approx 6 kgs each (plus additional load of 4kg when in use) and do not require a rigger for installation.

### PRESENTER TO PROVIDE

- Access to house lights control via DMX
- One dimmable Profile with red gel to illuminate an area at back of the auditorium for acrobat safety (spotting light)
- Simple FOH wash, simple top stage wash



## Sound

The music for Out of Chaos is a single musician (singer primarily) on stage and 9 microphones on stage being used and reused in different ways. The show is run by a 75+ channel Ableton Live session that is controlled wirelessly using TouchOSC. The musician has definitive control over 80 percent of what is going on and the touring sound operator adds the finishing touches. Both the sound operator and the musician are triggering cues. Everything is mixed within the Presonus StudioLive 32R which is sitting on the stage and can be controlled remotely via computer or iPad. There is a mix control iPad system to manage the Ableton live session.

### Control & Backline

#### COMPANY TO PROVIDE

- Sound mixer (to be located side of stage)
- Wifi Router for control of mixer and sound performance software
- All musical instruments & performance interfaces
- 8x round base microphone stands
- 6x Shure beta SM58 & 3 x Rode NTG3 microphones
- 1x HDMI / DVI - CAT5 adaptor for screen mirror of onstage computer

#### PRESENTER TO PROVIDE

- 16x 15m XLR Cables
- 2x 20m 8 channel audio multicores/stage looms
- connection to FOH Venue System & on stage monitors from stage
- 2x CAT5 connection from stage mixer/computer to FOH

### Speakers

#### PRESENTER TO PROVIDE

- FOH PA system: left and right stereo, appropriate to venue
- Adequate Subwoofer speakers
- Stereo stage fill for the performers
- 1x monitor Up Stage Right for musician
- 1 x monitor Up Stage Left for musician
- 1x monitor Downstage Left for Lighting Operator

## Stage Management

### Dressing Rooms

#### PRESENTER TO PROVIDE

- 1x Dressing Room for 9 performers (unisex is fine)

### Wardrobe

#### PRESENTER TO PROVIDE

- For seasons longer than 1 show please provide 1x wardrobe person for washing and drying costumes before each show (3-4hr call).

### **Please provide access to**

- Room for washing and maintenance
- 1x industrial washing machine
- 1x industrial dryer &/or Drying Room/Closet
- Iron and ironing board

### **Communications**

#### **PRESENTER TO PROVIDE**

- Please provide a reliable two-way communication system between the FOH LX Operation Position, Musician on stage (usually Stage Right) and backstage

### **Food & Water**

#### **PRESENTER TO PROVIDE**

- Please provide a water cooler (dispenser) for the cast and crew in the Green Room or dressing rooms.
- Please provide a fresh fruit platter to serve 11 people for show call before each performance.
- For back-to-back tours where we are doing same day bump in, show and bump out day-after-day we would like meals provided at the venue. Please consult with the tour manager in advance regarding catering. The requirement in this situation is usually
  - Lunch for 3 crew during set-up (1 vegetarian meal - no meat or fish)
  - Lunch for 8 acrobats prior to show call (3 vegetarian meals - no meat or fish)
  - Dinner for 3 crew during show call
  - Dinner for 8 acrobats after the pack-up is completed

### **Front Of House**

#### **House curtain**

- The show begins with the curtain open and the stage empty. The performers enter the stage one by one.
- We appreciate as much time on the stage as possible before the doors open. House opens no earlier than 30 minutes before the show starts (preferably less).

#### **Warnings (At venue discretion)**

- Haze used during performance
- Latecomers - lockout for the second act of the performance which is approximately 3 minutes into the show as it has very dark lighting. Lockout is to the end of this act which is approximately 5 minutes long.
- The performers enter the auditorium from the stage during one scene of the show. They walk in the aisles playing singing bowls.





## **Standard Schedule**

This is a guideline of what to expect with a timeline of a 9.00 start and a 20:00 show. For earlier or later show start times we adjust timings backwards from the show start time and remove the break before show call. For back-to-back tours where we are doing same-day bump in, show and bump out day after day we may start at 12:00 and go straight into show call after a break. We can provide a schedule tailored to your venue on request.

Acrohands = Acrobats from the touring company working as stage hands

Please have all local crew in the loading dock and ready to start by 9am

<b><u>Time</u></b>	<b><u>Activity</u></b>	<b><u>Time</u></b>	<b><u>Local Crew</u></b>	<b><u>Tour Crew</u></b>
9:00	Unload truck. Mark up stage - setting line, DS&US mat line. Set up charging station for AX3 & AX10's.	30 mins	2x MX	1 x LX  2x Acrohands
9:30 - 13:00	Rig rear curtain. Rig overhead points. Rig panorama bars stage left and stage right. Assemble rigging for lunge system (if required). Set up mats. Set up tables.	3.5 hrs	2x MX	2x Acrohands
9:30 - 13:00	Prepare costumes. Unpack costumes into the dressing room and launder costumes that need it. Wash, dry & iron.	3.5 hrs		1 x Acrohand
9:30 - 13:00	Set up touring GrandMA lighting desk. Connect lights and desk to venue system. Test. Plot. Set Up MDG Hazer	3.5 hrs	1 x LX	1 x LX
9:30 - 13:00	Assemble mic stands & Sound control system. Install & setup musician gear. Sound check	3.5 hrs	2x SD	1x SD, 1 x Musician
13:00 - 14:00	Lunch break (Crew)	1 hour	All	1x SD, 1x LX, 1 x Musician
14:00 - 17:00	Contingency time to fix issues or break if all finished and working well			
16:00	Lunch for cast (to be catered on site)			8 Acrobats
17:00 - 19:30	Show call. Technical rehearsal. Lighting safety check. Pre-show system checks & fixes	3 hours	Show Crew	1x LX, 1x SD 1x Musician, 8x Acrobats
18:00 - 19:00	Dinner break	30 mins or 60 mins		1x SD, 1x LX, 1 x Musician
19:30	House Open	30 mins	Show Crew	1x LX, 1x SD 1x Musician, 8x Acrobats
20:00 - 21:10	Performance	70 mins		ALL
21:15 -	Acrobats warm down on the mats on stage.	20 mins		1x LX, 1x SD

21:35	Pack FOH sound and LX touring equipment.			1x Musician, 8x Acrobats
21:35 - 22:15	Roll up mats Strike Stage Pack Lights Remove Drop Points and plastic curtain from fly bars Pack truck	40 mins	1x LX, 1x SD 2x MX	1x LX, 1x SD 3 x Acrohands
22:15 - 22:45	DINNER (if it is being catered on site)			8 Acrobats

For seasons where there are additional shows after the first set up and performance day the above schedule would finish after the performance time. The company would vacate the venue after a cool down and notes session on the mat, and after a meal if that has been arranged for the company.

Below is the likely schedule for subsequent performance days where the stage is already set up. For earlier or later show start times we adjust timings backwards from the show start time.

<b>Time</b>	<b>Activity</b>	<b>Time</b>	<b>Local Crew</b>	<b>Tour Crew</b>
10:00 - 14:00	Wash, dry and iron or steam costumes.  The timing for this work is at the discretion of the venue. We estimate this takes 3 to 4 hours. Costumes need to be finished and ready for the start of our show call.	3 hours	1 x wardrobe	
16:30 - 16:45	Arrive at the venue			All
17:00 - 19:30	Show call. Pre-show system checks & fixes	3 hours	Show Crew	1x LX, 1x SD 1x Musician, 8x Acrobats
19:30	House Open	30 mins	Show Crew	1x LX, 1x SD 1x Musician, 8x Acrobats
20:00 - 21:10	Performance	70 mins		ALL
21:15 - 21:35	Acrobats warm down on the mats on stage. Pack FOH sound and LX touring equipment.	20 mins		ALL
21:35 - 22:15	Roll up mats Strike Stage Pack Lights Remove Drop Points and plastic curtain from fly bars Pack truck	40 mins	1x LX, 1x SD 2x MX	1x LX, 1x SD 3 x Acrohands
22:15 - 22:45	DINNER (if it is being catered on site)			8 Acrobats

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