



## **TECHNICAL RIDER - THEATRICAL SHOW**

**SWARM** requires a performance surface that is level, smooth and reasonably seamless as the instruments are wheeled around during the performance. The main stage area, as well as the floor into and out of the wings, must be clear of cables, microphones and other obstacles. We require one house technician for sound and lighting. We need a full day to set up the stage for an evening show. SWARM greatly appreciates it when we can load in and set up for an evening show the day before. Afternoon shows have to be set up the day before. Please provide bottled water for five people for both the tech setup and the show.

### **Technical Contacts:**

Bill Wallace, Director    Tel: 604-251-7043    E-mail: [swarm@shaw.ca](mailto:swarm@shaw.ca)

### **SWARM Personnel:**

Five (Note: The number of performers is subject to change)

### **Minimum Stage Area:**

30 feet by 30 feet with wings, 16 foot clearance from stage floor to the lighting grid.

**Show Length:**      90 Minute Set (One hour and fifty minutes plus a 20 minute intermission)

**Technical Equipment Required:** See attached Sound & Lighting Equipment Summary

### **Related Details:**

Set-up time is one hour for arrival and unloading of instruments, three hours for instrument and prop assembly and three hours for lighting and sound check. Strike time is 2 hours minimum. We require one house technician, that is familiar with the theater, to help set up lights and sound and to run the sound and lighting board during the show. (The theater must have a loading bay and no stairs as the cases and instruments are too large to fit through a standard door frame.) Stage plot for the full theatrical production can be obtained by e-mailing <[swarmhive@shaw.ca](mailto:swarmhive@shaw.ca)>

# SWARM Sound & Lighting Equipment Summary Theatrical Show

## Electrical

- **Three Extension Cords** (120 V) at the back of the stage - each with 20' of slack. Each of the three cords should be on a separate circuit.

## Lights

- **Three Stage Front Floor Spot Lights**, These lights provide shadows on the parachute screen and should be in short stands close to the ground. They need to be connected to the main dimmers on separate circuits. Two should have red to purple gels + one yellow.

- **One Tight Spot Light** from above, stage centre right to left and centered between the parachute projection screen and the front of stage (which will make it a little towards the front of centre stage). Any other tight spotlights from above would greatly enhance the show but this one tight spot is crucial.

- **Various Shin Spotlights in the Wings** These are not absolutely mandatory but they greatly enhance the show as they can light the stage without dimming down the video projection. Colours: a bank of reds is top priority, then blue, yellow, orange, purple etc.

(It is important that the cables from the Shins go up and out of the way of the wing aisles as many drums are wheeled on and off stage throughout the show.)

- **Multiple Coloured Lights** (Gobo's spots & floods) in your lighting grid above the stage. Various colours, red-oranges, blue-greens, yellow, purple etc. These lights should be placed in the grid directly over the stage as lighting above the audience washes out the video projection.

- **Coloured Spot Lights** at the very back of the lighting grid. These are pointed at the back of the parachute screen to back light it from above. As many as possible but a red, a yellow, and a purple would suffice.

## Sound

- **Six Microphones** at the front of the stage - Two shotgun microphones and four cardioid microphones. Microphones should be in short stands insulated from the stage floor as our stomping feet will be too loud, or in tall stands in front of, and completely off, the stage. These mic's pick up the quiet pieces in the front of the stage and are the main pick ups for all the instruments on the stage.

- **Two Cardioid Microphones** with in tall stands at the back of the stage for bass reinforcement.

- **Two Microphones** Suspended 9 feet above center stage (shotgun or cardioid). These are an alternative to the two shotguns at the front of the stage. All four are preferred but not absolutely necessary.

- **One Vocal Mic** in a stand at the side of the stage with lots of extra cord.

- **Four Direct in boxes** for mixing board, bass & guitar inputs

- **PA, Sound Inputs and Mixing Board** with inputs for all stage mics.

- **Sound Monitors** are not necessary for any of the shotguns and cardioid mics. This greatly reduces the risk of feedback. Only the direct in boxes (stringed instruments) and vocal mics need monitors.

## video

- **5000 lumen Video Projector** if you want video as part of the show. We can easily do the show without any video but it is so much cooler with it. Also it is possible to have a smaller projector (3500 lumen minimum) but we have found that anything below 5000 appears faint do to the large scale of the screen and the brightness of theatrical lights.

- **DVI or VGA input or connector** with lots of cable to get the video signal from the stage to the projector

Contact Bill Wallace at 604 251-7043 if you have any questions

Email: [swarm@shaw.ca](mailto:swarm@shaw.ca)