



TECHNICAL RIDER - MULTIMEDIA 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 the floor into and out of the wings must be clear of cables, microphones and other obstacles. We require one house technician and one sound technician. We need a full day before Showtime to set up the stage for shows. We also require bottled water for seven people for both the tech setup and the show to avoid dehydration.

Technical Contacts:

Bill Wallace, Director Tel: 604-251-7043 E-mail: swarm@shaw.ca

SWARM Personnel:

Five performers (Note: The number of performers is subject to change)
One video technician.

Minimum Stage Area:

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

Show Length: 100 Minute Set (Two hours with a 20 minute intermission)

Technical Equipment Required: See attached Sound & Lighting Equipment Summary

Related Details:

Setup time is two hours for arrival and unloading of instruments, Five hours for instrument & prop assembly and four hours for lighting and sound check. Setup needs to happen on the day before the first show. Strike time is 3 hours minimum. We provide our own video technician but require one lighting technician and one sound technician that are familiar with the theatre to help set up lights and sound and to run the sound board and lighting board during the show. (The theatre must have a loading bay and no stairs as the cases & 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>

SWARM Sound & Lighting Equipment Summary

Multimedia Theatrical Show

Electrical

-**Five Extension Cords** (120 V) at the back of the stage - two with 20' of slack, & three with 10' of slack, each of the five cords should be on a separate circuit.

Lights

-**Three Stage Back Floor Spot Lights** (Shins will work as well) with extra cable. These lights are for creating back lit shadows of performers & instruments on the parachute screen. They need to be connected to the main dimmers on separate circuits. Two should have red to purple gels & one yellow.

-**Three Stage Front Floor Spot Lights** These lights provide shadows on the parachute screen. They need to be on separate dimmer circuits with different coloured gels. (We have stands for all six floor lights we just need the lights).

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

-**Multiple Coloured Lights** (gobos, spots and 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 from 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.

Sound

-**Six Microphones** at the front of the stage -Two shotgun microphones and Four cardioid pattern 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 Clips** attached to the parachute screen or in tall stands for bass reinforcement.

-**Two Microphones** behind the parachute screen. One in a short stand for a bass drum and one in a tall stand to mic a conga set.

-**Eight Direct-In-Boxes** with 1/4" jack inputs for 3 stereo instruments & a mackie sound board.

-**PA and Mixing Board** with inputs for all 10 stage mics, 6 direct in's & two 1/4" inputs from the Mac computer's video station.

-**Sound Monitors** will be used for the direct-in-boxes, the drum kit & Congas (no other mics need to go through the monitors. This greatly reduces the risk of feedback from the stage front mics).

Video

-**Video Projector** 5000 lumens projector required. A digital video input is greatly preferred. The projector must be positioned so that the image covers the 16' parachute screen near the back of the stage.