



## **Rickshaw Theatre Visual and Lighting Specs**

The Rickshaw is equipped with large format projection equipment, suitable for film screenings, visual presentations, and visual enhancement for live shows.

### **Projector:**

- **Panasonic PT-UL6500 Large Format Projector, 3600 Lumens**

### **Screen:**

- **Custom Fire Retardant Screen 30' wide x 20' high**

The projector is mounted at the center front of the balcony, centered to the stage, at a height of 20' above the main concert hall. Input connections to the projector consist of S-video, RGB/HV BNC connectors, RGB VGA connectors, DVI-D input, or composite BNC connection.

The Rickshaw is equipped with three levels of professional stage lighting with the ability to be lowered for adjustment and enhancement for the specific requirements of touring acts.

FOH Lighting is mounted upon 30' of 10" triangular stage truss, centered to the stage. It is flown evenly dispersed upon two (2) Half-Ton chainfalls whose rigging points fall about 25' forward of the stage. When in operation the FOH lighting hangs 30' above the main concert floor, and can be lowered for adjustment to a minimum height of five (5) feet above the main concert floor. Unless otherwise advanced FOH lighting utilizes six (6) channels of dimming and will consist of:

- **Three (3) 750 W Leikos**
- **Four (4) 1000 W Par 64 fixtures**

**Downstage Lighting is mounted upon 20' of 10" triangular stage truss, centered to the stage. It is flown evenly dispersed upon two (2) Half-Ton chainfalls whose rigging points fall about two (2) feet upstage of the front of the stage. When in operation the Downstage lighting hangs 20' above stage level, and can be lowered for adjustment to a minimum height of five (5) feet above stage level. Unless otherwise advanced Downstage lighting utilizes four (4) channels of dimming and will consist of:**

- **One (1) bank of five (5) ACL fixtures, splayed**
- **Six (6) 500W Par 64 fixtures**

**Upstage Lighting is mounted upon 35' of 10" triangular stage truss, slightly off-center to the stage to accommodate the Monitor platform and DJ booth. It is flown evenly dispersed upon three (3) Half-Ton chainfalls whose rigging points fall about two (2) feet forward of the screen. When in operation the FOH lighting hangs 20' above stage level, and can be lowered for adjustment to a minimum height of five (5) feet above stage level. The extra chainfall bears the center load of Upstage lighting as this is where we find the majority of the lighting display, as well as being the typical location for moving heads carried by touring acts. Unless otherwise advanced FOH lighting utilizes eleven (11) channels of dimming and will consist of:**

- **Two (2) banks of five (5) ACL fixtures, splayed**
- **Five (5) 1000 W Par 64 fixtures**
- **Four (4) 500 W Par 64 fixtures**
- **Three (3) 750 W Leikos**

**Strobing is available in-house, and is typically set Upstage, at stage level, and positioned to accommodate the stage plot. Often this contains the strobe lights to the drum riser area. Strobes consist of:**

- **Three (3) DataFlash fixtures free standing, 1000 W each**

**Fog dispersion is present in-house from a single fog machine, unless otherwise advanced. Non-hazardous water-based fluid is always used in our fogger, which consists of:**

- **One (1) F100 High Output stage fogger, 1500 W element**

All power for FOH, Downstage, and Upstage fixtures is provided by a 24-channel dimmer, rated at 1.2 kW per channel. The dimmer pack is hard-wired to Three Phase power (208 V) in the theatre's electrical room, and is positioned above and to the rear of the projection screen, about 30' above the main floor level. Unless otherwise advanced the standard channel allocation, as defined in this document, will be utilized. Extra distribution panels are allocated to the light show in the event that additional lighting is being utilized, specifically in the case of intelligent fixtures and moving heads being carried by touring artists. All standard lighting power is provided by:

- One (1) Strand CD80 24 channel x 1.2 kW dimmer
- Two (2) 20A quad distribution panels
- Four (4) 20A tie-in services

Control of all dimmer channels is run from FOH mix position via 5-pin DMX control. Strobe and fog control is also located at FOH mix position, and 3 auxiliary data lines are available for intelligent control of imported fixtures. In house controllers consist of:

- One (1) Leprecon 624 board, 24 channel control, 4/5 pin DMX
- One (1) Dataflash Controller, 3 pin DMX

All power sources defined as Lighting and Visual draw electricity from a power main completely isolated from all Stage Audio power, FOH Audio power, and Monitor Audio power.

The Rickshaw provides an experienced House Lighting Director for any event requiring the use of the lighting system, written into the room deal at the time of negotiation. Please note that using outside lighting technicians is acceptable upon advance notice, however it will still require our House LD to be in attendance.

Two (2) Circus/Trapeze points are available for acts requiring aerial rigging. Additional costs may be incurred if we are required to have a rigger present for obvious safety reasons. Please contact the House Technician for further details. Specifications may change without notice. Please forward any technical questions, and all technical riders and advances to our House Technician:

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