dadaLab Tech

AUDIO

- **4x JBL 4675c horn driven cinema speaker system**
  - System is set up in a standard stereo configuration by default with 2x JBL 4675c speakers
  - System can be set up with 4x JBL 4675c speakers for quadraphonic format. Additional setup and programming is required for quadraphonic setup and should be discussed prior to the event.
- **2x QSC ks112 subs (2000w each)**
- **2x Yorkville nx750p Stage Monitors (750w each)**
  - Each monitor has a separate monitor send from the mixer at FOH
- **Mixer and FOH**
  - 1x Mackie profx16v3
  - 1x 16x4 channel stage snake
- **Mics**
  - 4x SM58 mics
  - 1x SM57 mic
- **DI**
  - 2x passive Mono DI Boxes
  - 4x passive Stereo DI Boxes
  - 2x active DI boxes
- **Mic Stands, etc.**
  - 5x tall mic stands with booms
  - Variety of XLR and 1/4" cables and connectors

VIDEO PROJECTION

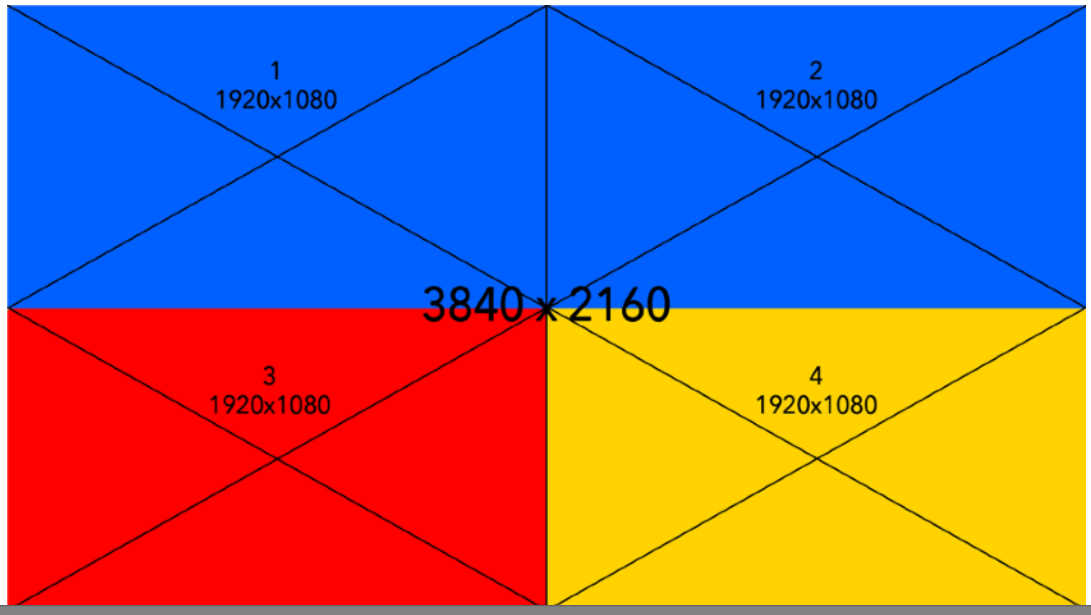
Simple Single Projector:
There is one short throw projector above the stage that projects onto the rear projection wall. There is an HDMI drop to connect to this projector from the stage. THis is the easiest approach for presentations and slides.

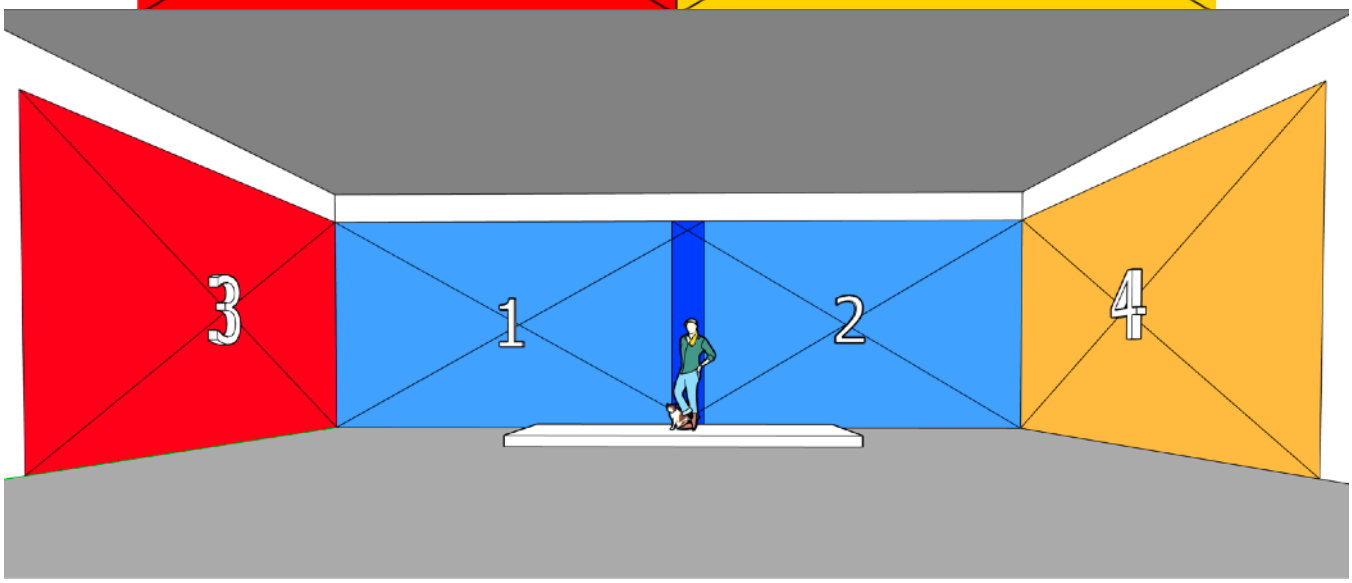
Multi-Projector Wrap:
This 4 projector system has a total resolution of 7680 x 1080 (4x 1080p projectors side by side). dadaLab has a media server with the mapping already completed using Resolume Arena and outputting to a matrox unit. The VJ or Projectionist can connect their visuals to our server with our 4k capture card input via a single HDMI from the FOH location.

For VJs and Projectionists working with content with resolutions under 7680x1080, our media server has the ability to mirror, duplicate, or stretch the content to match the full width of the projection resolution.

For VJs and Projectionists with content at 7680x1080 resolution, output from the VJ or projectionist must be sliced appropriately for the 4k capture card. Below are images that show the projection distribution in the venue and how the output should be sliced for the 4k input to map properly to our system.

7680 X 1080 OUTPUT SLICING FOR 4K CAPTURE CARD


1
1920x1080
2
1920x1080
3840×2160
3
1920x1080
4
1920x1080

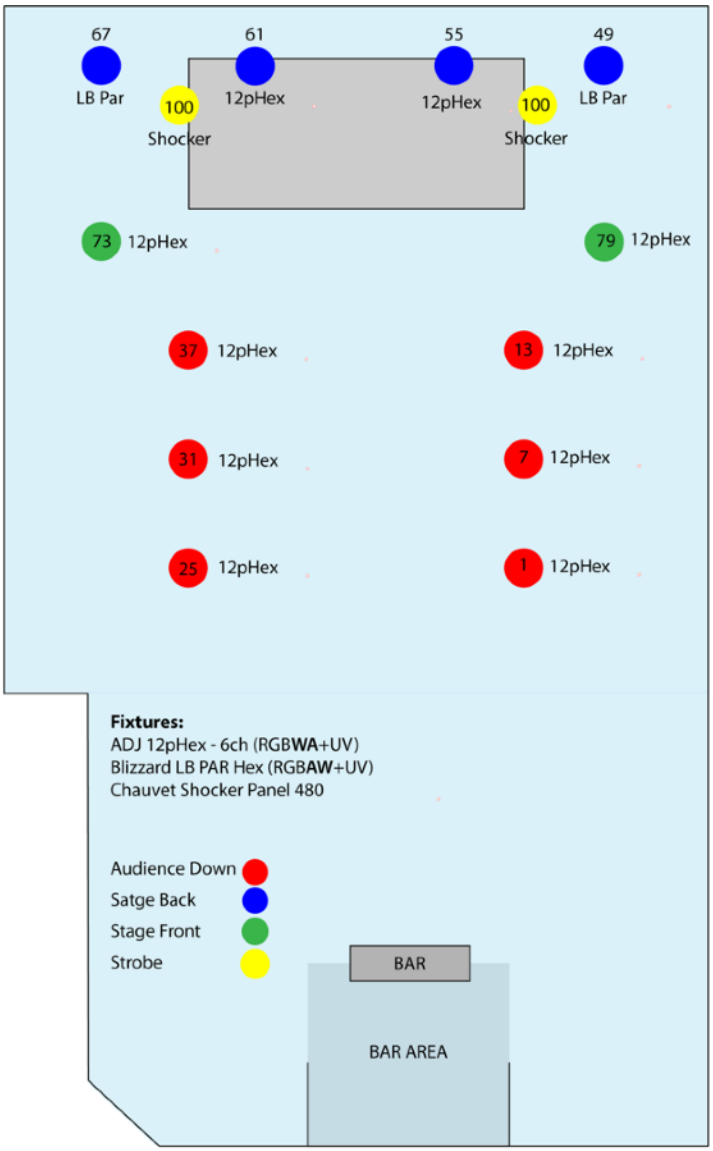

3
1
2
4



LIGHTING

- **Standard**
  - 10x AJD 12px Hex fixtures (RGB**WA**+UV) (6ch mode)
    - Manual
  - 2x Blizzard LB PAR Hex (RGB**AW**+UV) (6ch mode)
    - Manual
  - 2x Chauvet Shocker Panel 480 Strobes (4ch mode)
    - Manual
  - All mounted to the ceiling grid and fixed in location
- **Additional Available Lighting**
  - The below lighting does not come standard with the venue but can be supplied
  - 18x Rasha Core battery operated fixtures (RGBWA+UV)
  - 12x Rasha Tritone battery operated fixtures (RGBWA+UV)
  - 12x Rasha Crux battery operated fixtures (RGBWA+UV)

dadaLab is equipped with a DMX controlled lighting system. For static lighting setups, the system can controlled through presets with the iPad provided by the venue. For dynamic lighting control, a lighting designer can control the system directly via one of our wireless DMX transmitters (3 or 5 pin DMX) or over network via an Enttec ODE Mk2 Art Net node. The node can be accessed through the dadaLab WiFi network and has an IP of 10.0.0.8. Below is the fixture plot.



LASER SYSTEM

The laser system does not come standard with the venue but is available if discussed.

- 2x Unity Lasers RAW 10 (10 watt, RGB)
- 1x Chauvet Hurricane Haze 2d

Simple: Lasers can be controlled by selecting pre-programmed visuals from a MIDI controller at FOH. The operator is limited to a select quantity of outputs and visual effects

Full Control: Full control of the laser system is available to certified laser operators with a history of laser show experience. Mapping output in Pangolin Beyond or QS can be supplied by the venue.

EVENT SPACE FLOOR PLAN

