

# HOLOCENE TECH MANIFEST

## TL;DR

Front/DJ room employs full Danley Sound Labs system + Pioneer A9 mixer.

Main stage room features custom PA using Fatial Pro drivers and Lab Gruppen amplification, mixed by an Allen and Heath SQ-7 digital console.

The wall between the rooms can be open (nearly always) or shut (for special layouts), and audio can be sent from either room to the other. It's possible to have simpler live band setups on the floor in the front room, mixed by the main console.

Lighting in both rooms — stage pars, moving spots, moving washes, haze — is controlled via Compushow.

There are 4 video projectors throughout the venue, all sourced from a Resolume-driven PC system that can play any combination of videos on any choice of projectors.

See floor plan to help visualize the venue's layout.

## Sound Systems

### Stage Room System

#### Console:

Allen and Heath SQ-7 digital console with 32x16 stage box (via CAT5)

#### Speakers:

Mid-high: Fully-custom flown cabinets with 4x per side each 12" 2000 watt Fatial Pro neodymium woofers and 160 watt 1.4" Fatial Pro neodymium high frequency drivers

Subs: 2 dual 18" cabinets w/ high power 2000 watts each Fatial Pro drivers

#### Rack:

- 1x White instruments SP2600 digital processor
- 1x High - Lab Gruppen FP2600
- 1x Mids - Lab Gruppen FP 3400
- 1x Lows - Lab Gruppen FP 6400

#### Monitor Systems:

- 3x Yorkville Elite EX401m - monitor wedges
- 2x Yorkville Elite EX2000 - drum wedges
- 4 mixes on stage powered by 4 Channel Yamaha power amplifier

### Mics:

- 6x Shure SM-58
- 3x Shure SM-57
- 1x Shure BETA-58a
- 1x Shure BETA-57a
- 2x Shure BETA-52a
- 1x Shure BETA-91a
- 2x Shure KSM-137
- 1x Audix OM-3
- 1x Audix OM-5
- 3x Audix D-2
- 2 x AKG D7

### DIs:

- 5x Radial PRO DI - passive
- 1x Radial PRO 48 - active
- 8x assorted DI boxes

## **DJ Room System**

### Speakers:

- 2x Danley Sound Labs SH 60 main loudspeaker
- 2x Danley Sound Labs TH118XL 18" tapped horn subwoofer
- 2x Danley Sound Labs Go2-8CX bar fill speakers
- 2x Electro-Voice ELX200 passive booth monitors

### Rack:

- 2x Danley Sound Labs DNA20K4 Pro 20,000 watt 4 channel amplifier

### DJ Equipment:

- 1x Pioneer A9 DJ Mixer
- 1x Pioneer DJM-900 NX-2 DJ Mixer
- 2x Technics 1200MKIII turntable
- 1x Technics 1200MKII turntable
- 2x Pioneer CDJ1000 (CDs only – not USB drive)

## Lighting

### Lighting Console:

- Elation CompuShow lighting software
- Controllers: 2 x APC 40 MK1

### Stage Room Lights

	Qty	Wattage	Mode	Address
Upstage Chauvet Intimidator Spot 255	5	60	13	200-521
Upstage American DJ Flat Par Tri 7x	7	21	7	132-180
Downstage American DJ 5P Hex	4	50	8	100-131
Downstage American DJ MB DMX II	1	NA	2	500-501
NA Radiance Hazer	1			509-510

### DJ Room Lights

	Qty	Wattage	Mode	Address
Upstage Chauvet Intimidator Spot 255	4	60	13	252-304
DSL Chauvet Hurricane Haze 2D	1	530	2	509-510
Upstage Chauvet Intimidator Spot 255	2	60	13	252-277
Dance Floor Chauvet Intimidator Spot 255	2	60	13	278-303

## Video Projection

### Summary:

Our 4 installed projectors are sourced from a central PC running Resolume. Video files for projection should be in DXV format for smooth playback. (Given advance notice and source file access, our team can convert to DXV.)

The main stage room can shut out daylight, making that projector the best option for bright daylight use.

### Projectors:

- 1x Epson 5050UB 4k (3840x2160) - above bar, white wall
- 1x Optoma HD146X (1920x1080) - DJ booth, white wall
- 1x Optoma HD146X Projector (1920x1080) - hall leading into stage room - white wall
- 1x BenQ MH535FHD (1920x1080) - stage room (onto geometric backdrop OR motorized screen)

### Connections:

- 1x HDMI from DJ booth → Resolume system via ATEM Mini Pro
- 1x HDMI from stage → Direct into HDMI ch2 on stage projector
- 1x HDMI from FOH → Resolume system via ATEM Mini Pro
- 1x iPhone running Camo providing video feed of the stage to Resolume system