

# 45Sloan Performing Arts Center

**407 Alumni Road Rochester, NY 14627**

## **Technical Specifications**

**Version 1**

**Updated 4/10/23**

**Contact(s):**

Christopher VerSchneider  
Sloan Performing Arts Center  
Facility Technical Director

[Christopher.VerSchneider@rochester.edu](mailto:Christopher.VerSchneider@rochester.edu)

Office Phone 1 (585)

# Index

Building Information.....	3
Theatre Information.....	4
Lighting Information.....	6
Lighting Inventory.....	7
Sound Information.....	10
Sound Inventory.....	11
Projection Information.....	14
Projection Inventory.....	14
Drape Inventory.....	15
Rigging Information.....	16
Rigging Inventory.....	16



# Theatre Information

## Overview:

Smith theatre is a flexible use black box space, stage area and size are variable dependent on diagram, desired use, and seating requirements for each event. Seating is telescoping risers at stage level with loose chairs. Risers are not removable from the space.

**Room Size:** 70'-0" x 50'-0"

**Stage Size:** Variable

41'-5" clear from face of gallery to face of gallery

**Height:** 21'-0" to the underside of the catwalks

19'-0" to underside of side galleries

31'-6" to underside of roof steel

## Stage Floor:

Stage floor is a resilient assembly of rubber puck, wood sleeper, plywood layers with hardboard (Masonite) top sacrificial surface. Drilling and screwing IS allowed with permission.

Painted twice a year with Rosco Tough Prime Black

Events requiring the painting of the floor outside of standard black must purchase and install a show floor (Masonite or the like)

Design load: 150 PSF with 2,000lb point load.

Cat







### Accessories

<b>Manufacture</b>	<b>Type</b>	<b>Model</b>	<b>Quantity</b>	<b>Notes</b>
<b>City Theatrical</b>	5" Top Hat 6 1/4" Frame Size	2840	15	ETC Barrels
<b>City Theatrical</b>	5" Half Hats 6 1/4" Frame Size	2841	15	ETC Barrels
<b>City Theatrical</b>	Donut 6 1/4" Frame Size	2250	15	ETC Barrels 3-3/16" Center Hole

**ETC**

Pattern Holder (A SIZE)

400PH-





# Sound Information

## Overview:

The Sloan performing arts center sound system is centered around a Biamp Tesira Server I/O Digital Signal Processor with AVB and Dante digital audio. This serves as the processor for the theater loudspeakers and functions as a router and mixer for everyday use of the system, as well as providing paging and background music to common areas and backstage. A Crestron control system serves as the interface for day to day use.

The backbone of the system is a Dante digital audio network comprised of two Cisco Catalyst 9300 Ethernet switches in a redundant configuration. All audio inputs and outputs are via the network. Input/output devices consist of one Yamaha RIO-32x16 permanently mounted in the A/V rack room, and one RIO-16x8 in a portable case. A Yamaha QL5 mixing board provides mixing capabilities. All audio is routed through the Biamp DSP and distributed to the amplifiers via the Dante network.

The house loudspeakers system consists of two Left-Right pairs of Fulcrum Acoustic DX1526, one pair covering the “Stage” and the other pair covering the seating area.

The theater is equipped with numerous I/O plates with microphone inputs, audio tie lines, Dante network ports, Intercom connections and “Dry” data connections. Included with this document is a map of plate locations with the connections available at each location. All of these connections terminate in the rack room. Patch bays for audio and data are mounted in the A/V rack. Microphone channels 1-24 are “fully normalled” through t

# Sound Inventory

## Control

<b>Manufacture</b>	<b>Type</b>	<b>Model</b>	<b>Quantity</b>	<b>Notes</b>
<b>Biamp</b>	Digital Signal Processor	Tesira Server I/O	1	Rack Mounted in AV Room
<b>Yamaha</b>	Digital Mixer	QL5	1	
<b>Yamaha</b>	I/O Stage Box	RIO-32X16	1	Rack Mounted in AV Room
<b>Yamaha</b>	I/O Stage Box	Rio-16x8	1	Portable in Gator Case



## Miscellaneous

<b>Manufacture</b>	<b>Type</b>	<b>Model</b>	<b>Quantity</b>	
e	Audio Interface	Scarlette 18I20	1	Portable

# Projection Information

TBD

# Projection Inventory

TBD

# Drapery/Track Inventory

Drape

Drape

# Rigging Information

Location

Type

Load Rating