

The Senate Theater

Technical Specifications

Sept 24, 2015

The Senate Theater
Detroit Theater Organ Society
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Overview:

This document contains information to ensure a successful event in our venue. Thank you for choosing the Senate Theater for your show. We look forward to working with you.

Stage Specifications:

Stage Width: 40 ft (34 ft)
Stage Depth Max: 25 ft
Stage Depth Min: 20 ft
Stage to Ceiling: 26 ft
Stage floor is painted black.

Theater Seating Area:

Width: Min 72 ft (near stage), Max 83.6 ft (near lobby)
Depth: Back Wall to Front Stage Edge: 60.7 ft
Depth: Back Wall to Back Stage Wall: 86 ft
Height: Min 25.8 ft (back row), Max 29 ft (floor near the stage)

Lobby Specifications:

The Senate Theater has 3 lobbies that can be used for special displays or for meetings with chairs and tables.

Concession Counter Lobby
Width: 24.3 ft (13.5 ft)
Depth: 59 ft (48 ft)
Concession Counter 24 x 2 ft

Michigan Ave Lobby
Width: 23 ft (16 ft)
Depth: 19.5 ft (12 ft)

Theater Lobby
Width: 22.7 ft (11 ft)
Depth: 58 ft (38 ft)

Upstairs Meeting Room:

Width: 9.2 ft
Depth: 18.7 ft

Audio Sound System:

Center Cluster Speakers

2 – XLR Microphone inputs on stage (in the floor)

Mixer

Behringer XENYX X2442USB

Playback

Sony BDP-S480 Blue-Ray Disc/DVD Player

Sony DVP-NS775V CD/DVD Player

AKAI CD-A305 Compact Disc Player CD Player

Microphones

2 - Audio-Technica AT4050 (house mics)

1 - Audio-Technica ATW-T28 Wireless Mic

Audio-Technica ATW-R11 VHF Diversity Receiver

1 - Shure SM58

1 - Shure SM86

2 - Electro-Voice RE11

Amplifiers

1 - Hafler XH-200

1 - Bogen M330A

Lighting:

1 - Follow Spot

2 - Fixed Side Lights

3 - LED Lights at back of stage, proscenium. Dimmer in projection booth.

8 - Fixed Par Cans. Dimmer in projection booth.

2 - Fixed Stage Lights

Projection:

Movie Screen - Width: 40 ft, Height: 20 ft.

Digital Projector - EPSON PowerLite 7700p

RGB

Input Terminal: Video: Mini D-sub 15pin x 1, 5-BNC x 1, Audio: Stereo mini jack (for Mini D-Sub 15) RCA x 2 (for 5-BNC), Display Performance: Digital RGB Input,

Native:1024 x 768, Resize: 1280 x 1024, 800 x 600, 640 x 480, Input Terminal

Video: DVI Type D x 1 (Select with manual switch, Exclusive to D-sub 15)

Video I/O

Display Performance: NTSC: 550 line, PAL: 550 line, Input Signal: NTSC, NTSC4.43, NTSC50, PAL, M-PAL, N-PAL, PAL60, SECAM; HDTV: 480i, 480p, 720p, 1080i, 1080p; Input Terminal: Composite video: RCA x1, S-Video; Mini DIN, Component Video: BNC x 3, Video RGB: Mini D-Sub 15pin, Audio Terminal: RCA x 2 (for composite video/S-video/component video), Stereo mini jack (for video RGB)

Playback

Sony BDP-S480 Blue-Ray Disc/DVD Player

Sony DVP-NS775V CD/DVD Player

Power Available:

A.C. 120/230 volt, 15 amps

2 power outlets in the box on stage.

Power outlets also on both sides of the proscenium.

Loading & Unloading:

Unloading/drop-offs from the parking lot on the East side of the theater off Gilbert St.

Loading and Unloading is done through exit doors.

Stage level to street level is approx. 3.4 ft

Door Width (near stage): 2.9 ft

Door Height (near stage): 6.8 ft, 30 degree slope down exit stairs to theater floor level.

Door Width (lobby): 2.7 ft

Door Height (lobby): 6 ft

Dressing Room:

Mirror, 2 Chairs, Table, Wardrobe Rack

Refrigerator

Air Conditioner

10 x 8.4 ft (7 x 5.8 ft)

Restroom near the dressing room. Sink, Toilet

An additional space backstage can be used for show preparation. Has mirrors and clothing hooks. 11 x 5.5 ft

Smoking is not permitted in any part of the Senate Theater including dressing rooms.

Seating:

Main floor = 784 Total Seats

East section = 269 = 14 seats x 14 rows (196) + 13 x 2 rows (26) + 12 x 2 rows (24) + 11 x 1 row (11) + 12 seats

Middle section = 252 = 18 seats x 14 rows. Back row is reserved for theater audio.

West section = 263 = 14 seats x 15 rows (210) + 13 x 3 rows (26) + 12 x 1 row (12) + 11 x 1 row (11) + 5

Parking:

There is parking lot space for approximately 55 cars.

Equipment and Services Offered:

35 - Chairs

Coffee Wireless Internet

1 - Microphone Stand

1 - Music Stand

Preshow / Intermission organ/piano music

4/34 Wurlitzer Theater Organ. Tuning not included

Piano 7 ft Wurlitzer (on stage). Tuning not included

Piano 5 ft Young Chang (lobby). Tuning not included

Easel

Merchandise Sales Counter

Projectionist

Security (per hour)

Sound system & board

Sound – Plug into house speakers

4 - Tables – 2.5 x 6 ft

12 - Tables – 2.5 x 8 ft

Table Cloths

Water bottled

Additional Notes:

No alcoholic beverages on stage

Propane tanks of any other flammable gas containers are not permitted in the building.

Decibel levels cannot exceed 95 db (“A” - Weighted). Sounds in excess of that can cause damage to plaster. Diagram of the Senate Theater

Senate Theater Diagram:

Theater seating chart is a separate document.