



SANDERSON CENTRE TECHNICAL INFORMATION

VENUE ADDRESS

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TECHNICAL DIRECTOR

Michael Poole
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Extension 5024

TECHNICAL PERSONNEL:

All technical personnel are supplied by IATSE Local 129

Please take note of the following rules regarding stage labor calls;

- a) Crews may work a maximum of four (4) hours without a meal break.
 - b) For periods over four (4) hours, crews must receive a one (1) hour meal break.
 - c) If the meal break is shorter than one (1) hour, a meal must be provided for the entire crew, paid for by the Renter. Meal breaks shorter than 1 hour are paid time and must be at least thirty (30) minutes uninterrupted.
 - d) Crews must receive a fifteen (15) minute coffee break at or near the midpoint of any four (4) hour period except for show calls. This break does not count as a meal break.
 - e) You cannot request specific crew members; the crew are scheduled based on seniority.
- Please contact our Technical Director with any specific questions regarding staffing.

THEATRE SPECIFICATIONS:

Stage width at proscenium: 49' 0" (drapery set to 40' opening)

Stage height at proscenium: 24' 0" (centre of arch), 18' 0" (sides)

Stage depth from back wall to proscenium arch 29' 0", to apron edge 31' 6"

The curved orchestra pit cover adds 6' 6" (on centre) to 4' 2" (edges) to the stage depth.

Upstage crossover: 3' 9" wide (this reduces usable stage depth to 25' 3" from proscenium line)

Wing dimensions; stage left 18' 0" wide, stage right 21' 0" wide

Stage floor: Hardwood maple painted with flat black Rosco Tough Prime

Orchestra pit: 7' 0" below stage floor

Orchestra pit width (L to R): 28' 3" (Upstage) to 36' 0" (Downstage)

Orchestra pit depth (U to D): 19' 0" (Sides) and 23' 8" (CS)

(From nose of stage: 16' 0" - 3' 0" (Sides) and 16' 0" - 7' 8" (CS))

Orchestra pit access via spiral staircases in the stage right (DS) and stage left (US) wings.

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THEATRE SPECIFICATIONS (continued):

Drapery: 5 sets black velour legs 12' x 22'
5 borders 60' x 10'
White cyclorama 60' x 19' ,
Black velour back drop 60' x 22'
Midstage traveller: 55' x 22',
Black sharktooth scrim 60' x 18'
Main Curtain: Traveler style operating from stage left or flyrail, rose in colour

Fly System: 16 single purchase sets (downstage)
16 double purchase sets (upstage)
System is counter weight arbor, operated from stage left flyrail
Linesets are on 9" centres

Stage is at street level, no obstructions or turns from loading door opening onto upstage left
There are stairs from stage to the auditorium on both sides, with removable railings available.

Rehearsal Hall: Floor surface - sprung hardwood maple finished with clear urethane
Dimensions: 43' 6" x 27' 0"
Proximity to stage: 20' with 2 corners through 4 sets of double doors

Dressing Rooms: 7 rooms (2 at stage level, 5 upstairs) with tables/mirrors for 44 people
Dressing room area has showers, toilets, sinks, adequate lights, built-in mirrors and counters.

Touring Systems:

400A, 120V- 3 Phase Cam-Lok disconnect down stage left (with optional isolated ground)
100A, 120V- 3 Phase Cam-Lok disconnect up stage right (with optional isolated ground)
One Stove Plug available from Cam-Lok disconnect Stage Right
Conduit running from orchestra pit to house sound location
Please note that house sound console and FX equipment is NOT removable.
Please advise if you need sound or lighting control positions FOH – seat holds are required.

Other Stage Equipment:

24 - 4' x 8' black Wenger riser lids that can be legged to 8", 12", 16" or 24" height using
30 sets of aluminum riser legs; 12 sets @ 8", 6 sets @ 12", 8 sets @ 16", 4 sets @ 24"
- Please note that if the 16' stage extension is in use only 2 lids will be available

140 - Black stacking chairs, padded, no arms
50 - orchestra music stands (some Manhasset)
12 - music stand lights
1 - conductor's podium on stage
1 - adjustable height conductors podium in orchestra pit
1 - Yamaha 9' concert grand piano
1 - upright grand piano in orchestra pit
1 - Nordheimer upright piano available for on stage use
1 - 5' 9" baby grand piano available for main lobby use only
1 - 20' JLG 1-person driving personnel lift
1 - orchestra shell with eight towers and two flown ceiling sections

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Additional Information:

Laundry facilities – one large-capacity washer and one large-capacity dryer available on the second floor.

Bus shore power – one stove plug available at the Loading Dock door.

The stage can be extended into the house in various 8', 12', or 16' configurations replacing the orchestra pit cover. We currently have used over 25 different stage extension configurations, each blocking a different amount of seating. Please call to discuss any special needs prior to tickets going on sale so the required seats can be held.

NOTES:

Pyrotechnic effects **MUST** be demonstrated to and approved by the Technical Director and Fire Marshal prior to the first performance. These effects must be operated by a properly-licensed and insured technician. **ANY** open flame such as candles or flash-paper also requires advance approval. Please contact us at least 45 days prior to event to apply for fire department approval.

Lagging or screwing into the stage floor is **NOT** permitted under any circumstances.

All stage and show personnel should enter the facility using the Stage Door at 61 Darling Street.

Lighting System.

Control: ETC Gio 8196

2 X 20 Fader Expansion wing

Number Of Dimmers: 208

Number Of Circuits: 244

All Circuits Are 20A Twistlock

ETCNet available for DMX distribution

<u>Location</u>	<u>Number Of Circuits</u>
SR Proscenium	4
SL Proscenium	4
Upstage Right	8
Upstage Left	8
Stage Left Fly Rail	20
Stage Right Wall	20
FOH Bridge	20
House Left Cove	8
House Right Cove	8
Orchestra Pit	2
1st Electric	33
2nd Electric	24
3rd Electric	24
4th Electric	24
5th Electric	9

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Lighting Inventory in house LX plot:

12 - ETC Source Four 14° LED Series 2 Lustr	FOH Bridge (wash)
6 - ETC Source Four 14° 750w	FOH Bridge (wash)
7 - ETC Source Four 10° 550w/77V	FOH Bridge (specials)
8 - ETC Source Four 26° 750w	Side Coves (near coves, 4 per side)
8 - ETC Source Four 19° 750w	Side Coves (far coves, 4 per side)
16 - ETC Source Four 26° 550w/77V	Stage Tips
16 - ETC Source Four 36° 550w/77V	Stage Tips
12 - ETC Source Four 36° LED Series 2 Lustr	Stage (1 st LX Front Fills for full DS-US wash)
6 - ETC Source Four 36° 575w	Stage (1 st LX Front Fills for full DS-US wash)
8 - ETC Source Four 36° 575w	Stage (1 st LX Specials)
4 - ETC Source Four 36° LED Series 2 Lustr	Stage (4-corner breakup gobo wash)
4 - ETC Source Four 36° LED Series 2 Lustr	Stage (3 rd & 4 th LX Specials, 2 per LX)
1 - ETC Source Four 36° 575w	Stage (3 rd LX C/C downpool)
13 - ETC Source Four Pars 750W	Stage (worklights)
18 - 8" 1Kw Fresnels	Stage (3 top/back washes)
24 - Par 64 Wide Flood 1Kw	Stage (3 top/back washes)
9 – ETC Selador Vivid R Cyc Lights	Stage (flown, no ground row)
3 – 1.2K Lycian Followspot	Projection Booth

Spare inventory on racks:

16 - Strand 6 x 9 750w Ellipsoidals	Spare
18 - Strand 6 x 12 750w Ellipsoidals	Spare
8 - Strand 6 x 16 750w Ellipsoidals	Spare
2 - Strand 8" 1Kw Fresnels	Spare

Very Narrow, Narrow, Medium and Wide lenses available for Source Four Pars.

Limited number of barn doors available for Fresnels.

Limited number of adaptors available (Stage Pin to twist, U-ground/Edison to twist).

Limited number of floor floats available.

6 boom bases with 4' or 8' vertical pipes available.

We stock most common Roscolux colours – please notify us of specific requirements.

We can accommodate most events with our standard house hang and refocusing specials as needed, but we can pre-hang a custom lighting plot if provided at latest 2 weeks prior to show.

Video Projection System:

- 1 - Christie HD14K-M 1080 HD DLP projector, mounted In LX booth
 - 1 - Roland V1600HD video switcher
 - 1 – Arcam BDP300 Blu-Ray player
 - 1 - Windows 10 laptop (of questionable reliability) for Powerpoint and computer video formats
 - Renters are advised to bring their own video playback source if possible
 - 2 - projection screens 9' high X 16' wide with rear projection surfaces, flown on stage
 - 1 - permanently installed 28' wide retractable projection screen installed DS of main curtain
- SDI video distribution for source at FoH sound position or stage left send to projector
Various SDI adapters

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Program Video:

The Sanderson Centre has an SDI video distribution system throughout the building to provide a program video feed to the Main Lobby, Lower Lobby, SL Wing and Rehearsal Hall.

Sound:

Mixing Console Front of House:

Digico SD9

Digico D2 Rack 48x16

Wave impact Server

UB-Madi interface

Speaker System: Stereo Flown

6 EV XLD 281 per side

1 EV PX2181 per side

5 Dynachord VL 262 Frontfills

Monitor System:

Digico S31

48 Flexi Input Channels, 16 Flexi Aux/Sub-Group Busses, 10x8 Full Processing Matrix

2 Amp Rack c/w 8 Crown ITECH 5000HD Amplifiers

Capable of 8 Mixes Biamp Mixes or 16 passive Mixes

14 EAW SM 200 Stage Monitors

2 Adamson B218 Sub

Effects Processing Equipment:

1 Denon DN-4500 Mk II Dual Variable Speed Compact Disc Player

1 Denon DN-4500 Dual Variable Speed Compact Disc Player

Microphones:

5 Shure AD2/87 Wireless Handheld Microphones with Beta 87 Capsules

1 Shure AD2/58 Wireless Handheld Microphone with SM58 Capsule

8 Shure AD1 Wireless Bodypacks

2 Shure Axient Digital ADQ4 Quad Wireless Receivers

4 Countryman B3 Elements

4 Countryman E3 Elements

1 Shure PG 58 Wireless Handheld

6 Shure Beta 58

6 Shure SM 58

5 Shure SM 57

2 Shure Beta 87A Microphones

3 Shure Beta 27

2 Shure Beta 181C and S capsules

1 Shure Beta 56A

1 Shure Beta 52

1 Shure Beta 57A Microphone

1 Shure 55SH Series II Vintage Microphone

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- 1 Beyer M420
- 1 Beyer 201
- 5 AKG 535 Microphones
- 1 AKG D112 Microphone
- 4 Sennheiser 604
- 2 Sennheiser 609
- 3 Crown PCC 160C
- 1 Crown PZM30R

Direct Input Boxes:

- 1 Radial Pro D1 Passive DI
- 1 Radial Pro D2 Passive Stereo DI
- 3 Apex ADP1 Passive DI
- 2 Rodam TD100 Passive DI
- 3 Art XDirect Active DI

Microphone Stands:

- 7 Round Base Straight Stands
- 16 K&M Tall Tripod Stand with Short Boom
- 10 K&M Short Tripod Stand with Short Boom

Snake System:

- Digico Digital Snake System
- 6-channel Sub Snakes, 1 each at 25', 50', 75' and 150'
- 12-channel Sub Snakes, 1 each at 25', 50' and 75'
- or
- 40 Channel Stage split from Stage to FOH copper
 - 25' Road Tails FOH
 - 50' Monitor Tails on stage
- 2 - 50' 10 Channels Sub Snakes
- 2 - 25' 10 Channels Sub Snakes

Production Communications:

- 2-Channel wired Clearcom with beltpack locations available at;
 - LX console (either in the LX booth or at FoH)
 - FoH sound
 - fly rail x 2
 - deck SL & SR
 - followspot house left , centre & house right
 - orchestra pit
- Clearcom FreeSpeak II Digital Wireless Intercom with 9 beltpacks
- Paging and Program Sound to Dressing Rooms
- Program Sound to Lighting Booth and Rehearsal Hall

Please note that due to the extremely live acoustics in the room, Sound Pressure Levels (SPL) in excess of 95dB are not allowed.

We will rent any other equipment as needed with 30 days notice.

Lobby Performance System

Sound:

- 1 **Roland M200i** 32 Mono Channels, 8 Aux
- 1 Roland 1608 Snake Box
- 1 Roland wireless Network adapter with iPad interface
- 3 QSC K12 Powered speakers (flown, permanently installed)

Lighting:

- ETC 1248 Smartfade Console
- 8 Chauvet SlimPar Quad IRC 6

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Rigging Line Sets:

Line #	Distance	Weight	Standard Use	Show Use	Notes
	-9'		Edge of Pit Cover		
	-2'6"		Nose of Apron		
	0"		Proscenium Arch	-----	
	+2"		Fire Curtain		4" wide, DO NOT BLOCK
	+1'5"		Main Curtain Line		Traveler only
1	+2'6"		Border #1		
2	+3'3"		Leg #1		
3	+4'		1 st Electric		
4	+4'9"		Free		
5	+5'6"		9x16 RP Screen		Movable
6	+6'3"		Shell #1	-----	Permanent
7	+7'		Border #2		35' Maximum Height
8	+7'9"		Leg Stage Left #2		
9	+8'6"		Leg Stage Right #2		
10	+9'3"		2 nd Electric		
11	+10'		Free		
12	+10'9"		Free		
13	+11'6"		Free		
14	+12'3"		Border #3		
15	+13'		Leg #3		
16	+13'9"		Shell #2	-----	Permanent
17	+14'6"		3 rd Electric		35' Maximum Height
18	+15'		Free		
19	+16'		Mid Stage Traveller	-----	Permanent
20	+16'9"		Free		
21	+17'6"		Border #4		
22	+18'3"		Leg #4		
23	+19'		4 th Electric		
24	+19'9"		Free		
25	+20'6"		Border #5		
26	+21'3"		9x16 RP Screen		Movable
27	+22'		Leg #5		
28	+22'9"		5 th (Cyc) Electric		
29	+23'6"		Free		
30	+24'3"		Border #6		
31	+25'		Cyclorama		
32	+25'9"		Black Back Drop		
	+29'		Back Wall		

Please note: ***All lines clear to 44'***

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