



SOUTH MILWAUKEE PERFORMING ARTS CENTER

901 15th Avenue
South Milwaukee, WI 53172

Technical Specifications

Technical Director:
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Facility

Dressing Rooms

- 1 Large dressing room
- 1 Medium dressing room

Dressing rooms are located behind stage right. All dressing rooms have 1 bathroom, hot/cold water, mirrors, make-up lights and monitor page. *No laundry facilities on site.*

Green Room

The SMPAC does not have a Green Room, though one can be established if needed.

Load-in door

Load-in must be accomplished through the scene shop. Scene shop is on the same level as, and is immediately adjacent to, the stage. Door from scene shop to stage is upstage center and is 7'8" wide by 14' high. Door into the scene shop is on West side of the South Milwaukee High School off the 15th Avenue District Office parking lot. There is a hydraulic platform lift located directly in front of the Scene Shop load-in door: 5,000 lb capacity; platform dimensions 6' X 8'; Lift travels from ground level to 59".

Stage Specifications

Proscenium width	42'6"
Proscenium height	24'
Distance from Plaster Line To Up Stage wall	32'0"
Total stage depth	48'0"
Distance from Centerline:	
To Stage Left wall	43'7"
To fly rail Stage Right	46'1"
Orchestra Pit below stage level	11'
Pit extends under stage from Down Stage edge	24'

Orchestra Pit Cover

- Pit cover is made of 8 manually removable sections
- Pit cover can hold 150 lbs./sq.ft.

Stage floor has no traps

Stage floor upstage of Plaster Line is plywood

- Stage floor upstage of Plaster Line may be drilled

Stage floor downstage of Plaster Line is finished hardwood

- Stage floor downstage of Plaster Line may not be drilled

Rigging

We are a full-fly facility with 23 single-purchase counterweight line sets. Grid is 50' off stage floor.

Stage Rigging Plot

Line Set	Distance	Goods	Pipe Trim
-	32'0"	Back Wall	
23	27'1 1/2"	Cyc	
22	25'9"	#4 Electric	22'5"
21	24'5 1/2"	Up Stage Traveler	
20	23'8"		
19	22'8"	Border 5	30'11"
18	21'9 1/2"		
17	19'1"	#3 Electric	21'9"
16	17'10"	Legs 4	
15	17'1 1/2"	Border 4	29'10"
14	16'6"	Sound Shell	
13	15'9 1/2"		
12	14'6"	MidStage Traveler	
11	13'7 1/2"		
10	13'0"	Border 3	30'0"
9	11'1 1/2"	#2 Electric	22'10"
8	9'2"		
7	8'6"	Legs 2	
6	7'9 1/2"	Border 2	30'5"
5	6'4 1/2"	Sound Shell	
4	4'6"	#1 Electric	24'6"
3	3'2 1/2"	Legs 1	
2	2'6 1/2"	Border 1	31'10"
1	1'9 1/2"	Main Curtain	
-	6 1/2"	Smoke Pockets	
-	3"	Fire Curtain	
-	0	Plaster Line	
-	-6"	Down Stage wall	

Soft Goods Inventory

3 Sets of Legs (26' x 15')

5 Borders (11' x 55')

1 Black Scrim

- Legs can be moved on and off stage.
- Legs and Borders can be moved to other line sets, added, or removed.
- Both Travelers and Main Curtain travel and fly fully out.
- Cyc flies fully out.

Stage Equipment

Sound Deflection

Wenger Legacy Acoustic Shell (x12, rolling towers)
Wenger Legacy areal deflection panels (x2, on line sets)

Piano

Yamaha 7' Concert Grand
Wenger Grand Piano Truck

Concert

Wenger Student Music Chairs (x60, on 3 rolling racks)
Manhasset Music Stands (x60, on 3 rolling racks)
More chairs and stands available on request

Risers

Wenger 3-Step rolling choral risers (x7)
Various 4' x 8' and 4' x 6' platform risers available at various heights

Podium

Wheeled full podium
Microphone available

Sound

PA Speakers

JBL AM6215/64 2-Way PA (x6)
BagEnd Subwoofers (x2)
Mackie C300Z (x6)

Audio Equipment

Soundcraft Series Two Mixing Console

- 40 Mic/Line Inputs
- 4-band parametric EQ, mids sweepable
- 2 Stereo Inputs
- 4 Stereo Returns
- 8 Group Outputs
- 8 Auxiliary Outputs (Pre/Post Selectable in pairs)
- 2 Matrix Outputs
- 1 Stereo Output (Main Mix)
- 1 Mono Output

Effects Rack Equipment

Tascam CD-RW402 Dual CD Player / Recorder
Yamaha SPX2000 Multi-Effects Processor
Ashley GQX-3102 1/3 Octave Graphic EQ (Main Mix)
dbx 1046 Quad Compressor/Limiter (4 channels insertable)
dbx 1066 Duel Compressor/Limiter/Gate (2 channels insertable)
Shure SLX4 Wireless Receivers (x2)
Clear-Com Base Station
ParaSound Zamp Zone Amplifier (Booth Monitor)

Amp Rack Equipment

Audio-Technica AEW-R4100 Wireless Receivers (x8)
Audio-Technica ATW-DA600 Antenna Distributors (x2)
Miles M44 Multisonic Imager
Peavey Media Matrix X-Frame 88 Digital System Processor
Peavey Media Matrix MM 8802 Break-Out Box
BagEnd INFRA-mX2 Sub Crossover
Rane GE30 Graphic Equalizer (x4 – Stage Sends)
Crown CTs 1200 Amplifiers (x6 – House PAs)
Crown CTs 3000 Amplifier (Subs)
Crown CTs 2000 Amplifiers (x2 – Stage Sends)
Clear-Com Power Supply
Listen Assisted Hearing System
TOA 900 Series II Amplifiers (x3 – Lobby Speakers and Assembly Sound System)
Lobby Page, Chime, and Microphone Controls
Extron System5 IP Media Switcher (Projector Control)

Microphone Patch Bay

32 Mic lines to Stage
16 Mic lines to Pit
4 Mic lines to Catwalk
8 Wireless Mic lines to Amp rack

Audio Inventory

# In Inv.	Microphone	Type	Notes
4	Shure Beta 58A	Supercardioid Dynamic	
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1	Shure SM58S	Cardioid Dynamic	
2	Shure SLX 1/WL185	Body Pack / Cardioid Condenser	Wireless
2	Audio-Technica AEW-T4100D	Cardioid Dynamic	Wireless
6	Audio-technica AEW-T1000	Body Pack Transmitter	Wireless
6	-Audio-Technica AEW-T899cL4	Subminiature Omnidirectional Condenser	For AT Trans.

4	-CountryMan E6 Headset	Subminiature Omnidirectional Condenser	For AT Trans.
3	Shure SM81	Cardioid Condenser	
3	Shure MX202B/C	Cardioid Condenser Choir	Hung on first Border
1	Audio-Technica AT825	X/Y Stereo Field Condenser	Hung In-House
2	Audio-Technica AT804	Omnidirectional Dynamic	
2	Audio-Technica Pro 42	Cardioid Dynamic Boundary	
1	Shure Microflex MX418/C	Gooseneck Cardioid Condenser	Podium Mic

In Inv. Equipment

9	Clear-Com Belt Packs and Headsets
1	Whirlwind DCT-9 Cable Tester
1	ProCo CB-1 Direct Box

Lighting

Control Equipment

ETC Express 72/144 Lighting Control Console

1024 Controllable Addresses across 2 universes of DMX512A

240 Controllable Channels

24 Programmable Submasters

600 Recordable Cues

ETCLink Capable

ETC SmartFade 1248 Lighting Control Console

512 Controllable Addresses across 1 universe of DMX512A

12 Channel Two Scene Preset Mode or 48 Channel Normal Mode selectable

99 Recordable Cues

ETC Unison (Legacy) House Lighting Control

Wired ETC Remote Focus Unit (plug-ins convenient at all lighting positions)

ETC Sensor Dimmers (166 for stage lights, 13 for work lights, 22 for house lights).

ETCLink Wired.

Stage light receptacles are all Twistlock (NEMA: L5-20R).

Work light receptacles are all Edison/Parallel Blade (NEMA: 5-20R).

All Stage light dimmers are dimmer-per-circuit.

Lighting Inventory

# In Inv.	Instrument	Lamp	Wattage	Notes
10	ETC Source-4 10-degree	HPL	575W	
12	ETC Source-4 19-degree	HPL	575W	
24	ETC Source-4 26-degree	HPL	575W	

18	ETC Source-4 36-degree	HPL	575W	
4	ETC Source-4 50-degree	HPL	575W	
18	ETC Source-4 PAR EA	HPL	575W	WFL, MFL, NSP, and VNSP Lenses available
18	ETC Source-4 PARNel	HPL	575W	
5	Altman Sky Cyc 3	FFT	1KW (x3)	
4	BorderLight 6576 15-cell Strips	R40/PAR38	150W (x5)	3 Circuits, 7.5' total length
24	Altman 14" Scoops	A	750W	Work Lights
2	Lycian Super ClubSpot	FLE	360W	

In Inv. Accessories

- 16 Source-4 "B" Template Holders
- 12 City Theatrical Source-4 Top Hats

Video System

Sanyo PLC-XP41 XGA Multimedia Projector, Long Zoom Lens – 2.4-4.3:1
 RGB-Component connections in Booth, VGA (D-SUB) connections in Booth and Orchestra Pit.
 Motorized projection screen comes down in front of Main Curtain.
 JVC HR-XVC37U DVD/VCR Combo in booth.