

Moore Theatre

www.depauw.edu/pac

Technical Information

last revised: May 2002

(For further information, please contact Technical Director)

SYNOPSIS

Moore Theatre is a fully-equipped proscenium theatre seating approximately 400. The space is best suited for stage plays, opera, and dance productions, but has also supported events such as music concerts, film projections, pageants, lectures, and meetings.

STAGE INFORMATION

Type: Proscenium Stage

Floor: Hardwood floor covered in 1/4" masonite w/ black epoxy finish. The floor is flat with no unreasonable protrusions.

Width: Wall to Wall (with obstructions):	88'-8"	27.025 meters
Proscenium Opening:	56'-0"	17.068 meters
CS to S.R. dead masking:	29'-5 1/2"	8.978 meters
CS to S.L. dead masking:	28'-0"	8.534 meters
CS to S.R. wall (with obstruction):	42'-9 1/2"	13.042 meters
CS to S.L. wall (with obstruction):	45'-10 1/2"	13.982 meters

(Proscenium width can be closed to 36' with movable black tormentors just upstage of the arch)

Depth: Apron to Plaster Line:	4'-6"	1.371 meters
Plaster Line to back wall:	38'-3"	11.658 meters
Plaster Line to US blackout:	33'-8"	10.261 meters
US Crossover depth:	4'-5 1/2"	1.361 meters

Height: House Floor to Stage Floor:	app. 3'-2 1/2"	.978 meters
Proscenium:	20'	6.096 meters
Grid:	50'	15.24 meters

(Proscenium height can be closed with blue grand valance and/or black mechanized light bridge)

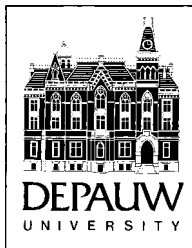
Pit: Location:	underneath and in front of apron	
Length:	36'-0"	10.972 meters
Depth:	14'-9"	4.495 meters
Pit Floor to House Floor:	5'-8 1/2"	1.740 meters
Pit Floor to Stage Floor:	9'-0"	2.743 meters
Access to Pit:	Basement corridor under the stage	

(Using the pit is *labor-intensive*. The pit floor can be decked up 31-3/4" inches with parallel platforms.)

Stage Drawings are available in AutoCad format or on request.

RIGGING:

Pin Rail Location:	Against S.R. Wall		
Loading Platform:	Just below the grid		
Length of Battens:	56'		
Height of Arbors:	7'		
Brick weight:	28 lbs	12.7 kg	(half bricks also available)



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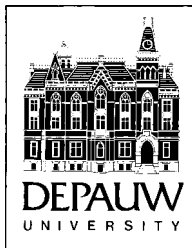
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LINESET SCHEDULE

Lineset	Distance	Usual Goods	Proposed Goods	Proposed Weight
	3'	Grand Valance		
	3'-8"	Grand Drape		
	4'-4" thru 7'	Motorized Electric Bridge		
1	7'-8"			
2	8'-4"			
3	9'			
4	9'-8"			
5	10'-4"	Border 1		
6	11'	Legs 1		
	11'-8"	First Electric		
7	12'-4"			
8	13'			
9	13'-8"			
10	14'-4"			
11	15'			
12	15'-8"			
13	16'-4"	Border 2		
14	17'	Legs 2		
	17'-8"	Second Electric		
		space, also intercom location		
15	19'-8"			
16	20'-4"			
17	21'			
18	21'-8"			
19	22'-4"			
20	23'	Border 3		
21	23'-8"	Legs 3		
	24'-4"	Third Electric		
22	25'			
23	25'-8"			
24	26'-4"			
25	27'			
26	27'-8"			
27	28'-4"	Border 4		
28	29'	Legs 4		
29	29'-8"	4th Electric		
30	30'-4"	Broken Arbor		
31	31'			
32	31'-8"			
		space		
33	33'	White Cyclorama		
34	33'-8"	Blackout Drop		
		space		
35	35'-8"			



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GOODS

Quantity	Curtain	Width	Height	Description	Material
1	Main Drape	56' (17.07m)	24' (7.32m)	50% fullness	heavy blue velour
4	Leg Pairs	18' (5.49m)	26' (7.92m)	flat	black velour
4	Borders	84' (25.61m)	12' (3.66m)	flat	black velour
1	Bi-part blackout	56' *17.07m)	26' (7.92m)	50% fullness	black velour
1	Black Scrim	60' (18.29m)	25' (7.92m)		black sharkstooth
1	White Scrim	56' (17.07m)	25' (7.92m)		white sharkstooth
1	White Cyc	56' (17.07m)	25' (7.92m)		white canvas

LOADING/UNLOADING

The loading doors are located PERPENDICULAR to the alley running on the north side of the building off of Locust Street. It is possible to back trucks 15 feet (4.57 meters) or shorter directly to the dock by doing a multi-point turn. Longer trucks will have to offload onto the ground and then lift up to the dock by hand. Thereafter, boxes are pushed through the scene shop onto stage through a LARGE mechanical shop door (located in the upstage wall).

Loading Door:

Usable Width:	5'-10"	1.78 meters
Usable Height:	7'-9"	2.36 meters
Dock Height:	2'-6"	.76 meters

DRESSING ROOMS

The dressing rooms, makeup room, and costume shop are located in the corridor below the stage, accessed via the stairwell upstage of the S.L. wing or via an exterior stairwell near the loading dock. There is no elevator to that corridor. The green room is located upstage of the S.L. wing at stage level.

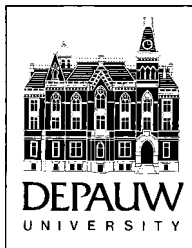
Women's Dressing Room:

Dimensions:	15'-2" x 20'-6"	4.62m x 6.25m	(changing area)
Amenities:	costume rack, mirrors		
Bathroom:	3 stalls, 3 sinks/mirrors, 2 showers		

Men's Dressing Room:

Dimensions:	15'-2" x 31'-5"	4.62m x 9.58m	(changing area)
Amenities:	costume rack, mirrors		
Bathroom:	1 stall, 2 urinals, 2 showers, 3 sinks/mirrors		

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DRESSING ROOMS (CONTINUED)

Green Room:

Dimensions: 12'-5" x 20' 3.66m x 3.78m
 Amenities: small refrigerator, range, oven, sink

Costume Shop:

Washing: washer, dryer, steamer, double washtub
 Machines: serger, industrial sewing machine (machine use by permission only)

Makeup Room:

Dimensions: 12'-9" x 15'8" 3.89m x 4.78m
 Counters (2): 15'-7" x 2' 4.75m x .61m
 Mirrors (6): 5' x 3' 1.52m x .91m
 Amenities: 6 wash basins, 6 mirrors with mirror lights, 6 duplex outlets

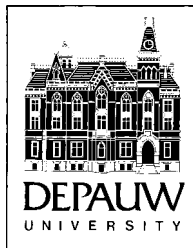
CONTROL BOOTH

The control booth is located in the center rear of the auditorium, up one level (accessed by stairs through the house left rear). It is separated into two sections. The larger of the two has a large window, houses the lighting console and is often used by the stage manager to call the show. The other section houses the sound console and equipment, and has a sliding glass window. Both sides boast audio stage monitors and clear-com ports (base station in the sound section). There is a ladder outside of the booth which provides one of the accesses to the FOH catwalk.

Distance from apron: approximately 50' (15.24 meters)
 Other Balcony Equipment: Two Strong Roadie followpots

LIGHTING

Lighting Positions:	<u>From Plaster</u>	<u># of Circuits</u>
First Catwalk:	22'-6" (6.86m)	24
Second Catwalk:	40'-6" (12.34m)	24
Additional Catwalk:		4 house left & 4 house right <i>between</i> catwalks
Auxiliary Pipe:	13' (3.96m)	none, dead hung, accessed by genie from floor, labor-intensive
Box Booms (2):	3' (.91m)	6 each in the floor (20' vertical pipes on house side of proscenium)
Tormentors (2):	2'-6" (.76m)	6 each (vertical pipe on upstage side of tormentors)
Bridge (motorized):	6'-4" (1.93m)	24 + 2 works (each work circuit is two-fered along the pipe)
First Electric:	11'-8" (3.56m)	24 + 2 works (each work circuit is two-fered along the pipe)
Second Electric:	17'-8" (5.38m)	24 + 2 works (each work circuit is two-fered along the pipe)
Third Electric:	24'-4" (7.42m)	24 + 2 works (each work circuit is two-fered along the pipe)
Fourth Electric:	29'-8" (9.04m)	24 + 2 works (each work circuit is two-fered along the pipe)
Additional Stage:		30 (3-circuit floor pockets, three in each wing, four across upstage wall)
Dimmers:	288 ETC Sensor 2.4Kw	
Patch:	Only soft patch, otherwise dimmer/circuit	
Console:	ETC Expression 3 (two monitors) with Remote Focus Unit	
Plugs:	All plugs are 2P&G connectors (except Stick-Ups, which are Edison)	
Focusing:	Genie PLC-24 Personnel Lift Pipes fly to 4' above stage floor	



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LIGHTING INVENTORY

<u>Quantity</u>	<u>Make</u>	<u>Model</u>	<u>Beam</u>	<u>Wattage</u>	<u>Lamp</u>
11	ETC	Source Four	19	575W	HPL
41	ETC	Source Four	26	575W	HPL
19	ETC	Source Four	36	575W	HPL
18	ETC	Source Four	50	575W	HPL
(please note there are 10 less instruments than above barrels)					
42	Altman	6" Fresnel		1000W	
30	Altman	6" Fresnel	older	500W	
10		PAR64	various	1000W	
app. 10	Altman	Ellipsoidal	6 x 9	500W-750W	
app. 6	Altman	Ellipsoidal	6 x 16	500W-1000W	
4 quads	Altman	SkyCyc4		1000W	
8	Altman	Focusing Cyc		1000W	
12		14" Scoops			
1	Colortran				
5	Altman	Q-Lights	(used as works over stage)		
6		Stick-ups			
4		Running Lights			
2		Variable Focus			
4		4½" minis			
2	Strong	Roadie follow spots			

SOUND

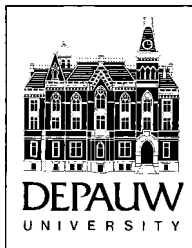
Moore Theatre is acoustically live enough to perform unaccompanied productions without sound reinforcement. The in-house system is adequate for playback, but no microphones are available except by special arrangement. DePauw utilizes several sound subcontractors when necessary, but prefers not to do so unless circumstances require it.

SOUND INVENTORY

- 1 Mackie CFX-12 Mixing Console, on-board effects, 8 mono mic/line in, 2 stereo line in, 4 sub outs, 2 aux sends
- 4 Mackie M-1400 power amps, patchable to 11 jacks throughout house and stage
- 1 Teac CD-P1440 single tray CD Player
- 1 Tascam CD-A500 CD/Cassette combo deck
- 2 ADC III 24-chan patch panels (mic lines and playback outputs to mixer inputs, mixer outputs to amp inputs)
- 2 older JBL full-range speakers in rolling cabinets
- 2 Tannoy speakers (used as effects speakers)
- 4 balanced circuits from back of each proscenium to the booth (eight lines total)
all mics, stands, monitors, etc. must be rented or imported from other halls.

INTERCOM

- 1 Stage monitor system feeding green room, dressing rooms, makeup rooms, etc., with talk mic in sound booth
- 1 Clear-comm intercom base station
- 7 belt-pack/headset combos normally in theatre, can scavenge from other halls if more are needed
- 10 intercom jacks throughout backstage, pit, house, booth, and balcony



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