

DeVos Performance Hall

DeVos Place

Grand Rapids, Michigan Technical Manual

DEVOS PLACE



Private Management for Public Facilities

Mailing Address:

Phone/Fax:

SMG – DeVos Place
245 Monroe NW
Grand Rapids, MI 49503
www.devosperformancehall.com

(616) 742-6600 / (616) 742-6590

Facility contacts:

Assistant General Manager:	(616) 742-6500
Director of Sales:	(616) 742- 6503
Stage Manager:	(616) 742-6508
Box Office Asst. Manager	(616) 742-6511 (do not publish number)
Box Office Manager	(616) 742-6203 (office in arena)

DeVos Performance Hall

Technical Specifications

Type of Theatre:

Proscenium.

Usage:

Broadway, Symphony, Opera, Ballet, Industrials, Meetings, Concerts of all types

Seating Information:

Continental Seating, (no center aisle)

Orchestra seating accessible from 1st floor

Mezzanine seating accessible from 2nd and 3rd floors

Balcony seating accessible from 4th and 5th floors

Handicap seating available orchestra level, row S house left, access by lift from Keeler Lobby

Handicap seating available box seats 2nd floor house left 4-7. access by elevator house left outer lobby.

Physically challenged may reach orchestra level rows A-H house left, or right - (no steps.)

Capacity:

Orchestra Level:	884	Dress Circle:	29
<i>Orch. without pit seats</i>	808	Box Seats	42
Mezzanine	865	Loge	74
Balcony	524	Gallery	28
TOTAL:		2446	

Total includes orch. pit seats, and all handicap seating

Standard House Policy:

No food, drinks, or smoking in seating area.

No laser pointers allowed.

No photographs or recording devices of any kind allowed.

Smoking area outside front doors of theater.

Concession Stands are inside Keeler Lobby 1st floor.

No tape of any kind allowed for use on walls.

No screws, nails, hooks, drilled holes allowed in any lobby walls or floor.

Use of strobe lights require posted signs in entrance lobbies.

Media not allowed use of "sun guns" during performances.

Keeler Lobby:

Main lobby of theatre - 1st floor - allows access to orchestra level, and mezzanine level.

Novelty Sales: Please communicate with your event coordinator about any novelty sales relating to your event. The Building will sell all novelty sales during the run of your event. Commission due to the DeVos Place for Novelty sales is as follows: 6 % sales tax collected off the top, 30% house, 70% artist of net after tax,

Emergency Medical Technicians: will be scheduled and billed for all public events held at the DeVos Place.

Use of helium balloons must be coordinated through your event coordinator. A charge of \$180.00 will be added to your bill for use of helium balloons.

Food, Snacks, Alcoholic Beverages: *Absolutely no outside food and/or beverages* will be served or brought into DeVos.

Floorplans, Schedules: all floorplans, of your event must be approved by your event coordinator. Schedules of load-ins, event hours, and load-outs must also be approved and coordinated with your event coordinator.

DeVos Place Contact Sheet:

General Manager	616-742- 6189
Assistant General Manager	616-742-6500, or 6188
Director of Marketing	616-742-6198
Director of Sales	616-742-6503
Box Office	616-742-6511, or 6203
Stage Manager	616-742-6508
Event Coordinator	616-742-6506
Event Coordinator	616-742-6504
Operations Manager	616-742-6505

(please coordinate your IA labor needs directly with your stage manager.)

DeVos Performance Hall Stage Specifications

Proscenium Width:	58'9"
Proscenium Height:	33'
Stage:	Edge grain maple, black stain 42'5" plasterline to upstage wall. May be fastened into with lags and stage screws 3' 6" above house floor No permanent steps from stage to house, portable steps can be arranged for. No traps through stage floor Sprung stage floor
Access House from backstage:	Stage right - through main concourse, or from dressing rooms through seating area 2nd floor.
Curved Stage Apron:	at center 10' 2" to plasterline at proscenium 2'11" to plasterline
Orchestra Pit:	curved 8' 9" deep x 65' wide
Projection Throw:	85' control booth to plasterline
Followspot Throw:	175' spot booth to plasterline. 15 degree from CL Spot booths are located balcony level, (1) house right and (1) house left. (no center spot location) booth power 30 amps, 120 v, single phase booths can accommodate 2 spots per booth House spots (2) @ 1.6K. (2) @ 1K super troopers
Stage Left Wing Space:	40' deep x 50' wide x 24' high
Stage Right Wing Space:	40' deep x 20' wide
House Curtain:	guillotine or traveler. operates from SR. Guillotine from flyrail, 2nd level. color: rust.
Flyrail:	Double Purchase System. Rail located stage right, 2nd level. Counterweight: available - 37,360 lbs. Capacity of arbors: 1800 lbs. Pipe battens: sched. 80 1 1/2 " Length linesets 1-3 - without extensions 60' Length linesets 3- 48 without extension 63' 5' extensions 5 sets are available. 5 lift lines per lineset
Grid:	Walking grid above secondary underhung grid. Stage deck to walking grid 80' Roof deck above grid 8' Secondary grid is 4' below walking grid accessible by crawling down through wells. Upright sheaves j-bolted to secondary grid for linesets.

See lineset schedule for measurements from plasterline.
Sheaves are kickable, but limited by obstructions in wells.
Welded spreaders and hangers.
Hanging points in high steel through wells
Well locations: 0, 5, 10, 15, 20, 25, 30 L & R
Lineset pick-ups:: 0, 15, 30 L & R
Can rig between house curtain and fire curtain.
Walking grid surface: subway grating

Linesets: 48 plus valance and main rag. (see attached lineset schedule)

Lineset high trim: 71' 9"

Lineset low trim: 4' 0"

Winch driven linesets: (2) for orchestra shell ceiling pieces.

Orchestra Shell: George Isenhowe house. Side walls full height of orchestra shell are hinged to proscenium and upstage walls. (see attached lineset schedule and floorplans.)

Cable Picks: to pin rail stage left. pin rail 24' from stage deck.
1 sheave needed to swag cable from end of batton to offstage drop point. approx. 14 picks in place.
80 sheaves available for setting pick points

NOTES:

If downstage symphony ceiling is hanging in storage position: linesets 6-10 are unusable. Ceiling can be struck if arranged prior to load-in. Longest length of ceiling is 60', splitting center.

If upstage ceiling is in place: linesets 13 - 48 are unusable. Upstage orchestra ceiling hinges to upstage wall. Will be in closed position except for symphony dates.

Obstructions on lineset schedule are listed to give you reference as to which way sheaves may be kicked, and how far.

About the grid: cannot rig to secondary underhung grid

Primary grid (walking grid) grating is not rated for rigging points. may only be used for cable picks.

Dead hang rigging points must be made in wells: available every 5 feet stage left and right.

Bridle points may pass through subway grate walking grid.

DeVos Hall Lineset Schedule

Line Set	Location from Plasterline	House Hang	length of batton
Oo	6"	VALANCE	60'
	9"- 11" obstruction		
0	1' 6"	MAIN RAG	60'
1	2' 2"		60'
	2" 4"- 2' 5" obstruction		
2	2' 10"		61'
3	3' 6"		63'
4	4' 2"		63'
5	4' 10"		63'
	5' 3" - 5' 4" obstruction		see notes page 5
6	5' 6"		63'
	5' 10" - 6' 1" obstruction		
7	6' 2"		63'
8	6' 10"		63'
9	7' 6"	BORDER	63'
	7' 11" - 8' 2" obstruction		
10	8' 3"	LEGS	63'
11	9' 1"		63'
	9' 11" - 10' 1" obstruction		
12	10' 3"	symphony electric	
	11' - 11' 1" obstruction		see notes page 5
13	11' 2"		63'
14	11' 10"		63'
15	12' 6"		63'
	12' 7" - 12' 8" obstruction		
16	13' 2"		63'
	13' 10" -13' 11" obstruction		
17	14'	BORDER	63'
18	14' 8"	LEGS	63'
19	15' 4"		63'
20	15' 10"		63'
21	16' 4.5"		63'
	16' 8"-16' 11" obstruction		
22	17'		63'
23	17' 8"		63'
24	18' 3.5"		63'
25	19'		63'
	19' 7" - 19-8" obstruction		
26	19' 8.5"		63'
27	20' 4"	BORDER	63'
28	21'	MIDSTAGE TRAVELER	63'
29	21' 8"		63'
	22' 5" - 22' 7" obstruction		
30	22' 7.5"		63'
31	23' 5.5"		63'
32	24' 3.5"		63'
33	25'		63'
	25' 2" - 25' 5" obstruction		
34	25' 8"	BORDER	63'
35	26' 4"	LEGS	63'
36	27'		63'
37	27' 8"	BLACK BACKDROP (4 LEGS)	63'
	28' 2" - 28' 3" obstruction		
38	28' 4"		63'
39	29'		63'
40	29' 8"		63'
	31' - 31' 2" obstruction		
41	31' 3"		63'
42	31' 10"		63'
43	32' 6"		63'
44	33' 2"	BORDER	63'
	33' 9" - 34' obstruction		
45	34' 1"	BLACK TRAVELER	63'
46	34' 9"		63'
47	35' 5"		63'
48	36' 1"	CYC	63'
	36' 8" - 36' 10" obstruction		

ELECTRICS

Power:	(1) 500 AMP 3-Phase downstage left (2) 400 AMP 3-Phase downstage left (usual lights) (1) 100 AMP 3-Phase Downstage right (usual sound) (1) 200 AMP 3-Phase Roving Transformer
House Lighting:	Location: Center FOH in enclosed booth Control: ETC Dimmers: 192 ETC Sensor, capacity 20 amp Road Transfer: DL / stg. pin patch panel DMX transfer DL Distance from SL to FOH booth: 250' DMX available in cove Cove circuits: 32 (32) source 4 - 10 degrees hung in FOH cove Box Booms: 12 circuits each (12) 19 degree source 4 per box boom distance BB to center \pm 80' Followspots: 2 Xenon SuperTroopers lamped @ 1.6K 2 Xenon Super Troopers lamped @ 1K
Houselights:	Dimmable from control booth
Balcony Rail:	Not permanent. makeshift "goalpost" over FOH mix position (in seating area) method for providing balcony rail.
Fog, Pyrotechnics:	Are controlled by the Fire Marshall of the City of Grand Rapids. Inform your stage manager as soon as possible of any special effects your event may require, so proper arrangements can be made.
No shore power is available.	
SOUND	
House Sound:	Control - Yamaha PM 1800 24 channel / 8 out
House Speakers:	Center Cluster.
Components:	JBL Component Cabinets Crown Microtech Amplifiers
Control Booth:	back of orchestra - enclosed booth, or set in back of orchestra level - killing seats 17-31 in Row R. 80' from plasterline, no overhang
Typical Amp rack location	DSR (road power: 1 - 100 A 3-phase, common ground)
FOH mix position power:	(2 - 3) 20 amp, (not isolated transformer)

Distance: Amp racks to FOH 250' (up, over & around)
Intercom: Clearcom 1 channel (assorted beltacks and stations)
dryline interface to all stations
house intercom / dressing room paging system available
Hearing Impaired system: 72.9 Frequency. N 12/x11 Williams Sound Headphone (mono)

LOADING

Loading Dock: Coordinate your loading dock needs with your DeVos Place contact ASAP.

You must arrange outside staging for trucks and plan for staggered load in times. There is currently room for only one truck at a time

Forklift is available if requested in advance

Parking passes, truck storage:

parking is extremely limited around the DeVos Place. Please coordinate very closely with your stage manager. Trucks may need to be marshaled across the street, depending on the size of your load-in, and other events in DeVos Place. Please obtain parking passes from your stage manager if using alternate staging location. Cars or trucks parked in loading zones, or without appropriate passes will be subject to tickets or towing

Wardrobe Room: Lower level. directly at bottom of stairs stage right. frequently hair and wardrobe share room. Elevator access through main public concourse only. No water, mirrors, or bathrooms in wardrobe room. Limited permanent power outlets in wardrobe room, please advance specific needs with your event coordinator prior to load-in.

(2) washer, (2) dryer available around corner from wardrobe room. padlocked for use by touring productions only. No charge for use of washer/dryer. Please arrange for use prior to event.

Women's chorus room: Lower level stage right access to stage, across hallway from wardrobe/hair room at bottom of stairs. comfortably can seat 16-20 cast members. Bathroom and shower facilities are sufficient to operate as chorus room.

Men's chorus room: Lower level stage right access to stage only. Dressing room is far stage left, must walk through "trap room" under the stage. Cast members will walk past theatre support storage area to arrive at dressing room. Comfortably can seat 16-20 cast members. bathroom and shower facilities are sufficient to operate as chorus room.

A number of wardrobe racks are available for use. Irons and ironing boards are not available in house.

All rates for labor, equipment etc. are subject to change without notice.

STAGEHAND LABOR

I.A.T.S.E. Labor: DeVos Performance Hall, and IATSE Local 26 have a signed labor Agreement. The Agreement is very comprehensive, please coordinate your needs as specifically as possible with your event coordinator. Listed below is a brief synopsis of the contract.

Please contact your event coordinator for current applicable rates.

Performance Rate : 3 1/2 hours, inclusive of 1/2 hour prior to schedule start time. All other show hours will be paid at their applicable hourly rate.

Conditions:

- Between 12am-8am:
 - Performance events: time and one half will be paid
 - Industrial events: two times the regular hourly rate will be paid.
- After eight hours in one day, (excluding performance rate hours), time and one half will be paid.
- Employees will be paid one full hour at applicable hourly rate, for any fraction of an hour worked.
- Meal penalty will be incurred after five hours. One regular hour of pay, in addition to their current rate of pay, will be paid hourly, until meal break is provided.
- 6 hour turn-around - (an employee working without six hours between calls for the same event will continue to be treated as working overtime for the duration of the work day until such time as he/she receives a break of at least six hours.)
- Performance Events: Four hour minimum Load-in, Four hour minimum Load-out.
- Industrial events: Four hour minimum Load-in, stagehands who work the event, then go directly into the Load-out will be paid at their applicable hourly rate until load-out is complete, all other conditions apply. Stagehands who are called back to do a load-out only will be paid a four hour minimum.
- If any theatrical, or musical production is filmed, taped or broadcast for any commercial purpose, those employees will receive additional wages equal to the wages each received (for working the portion taped.) (Whether based on straight time, overtime rate, or performance rate.)
- Holiday pay is two times the straight time hourly rate for all hours worked, (or two times the straight time performance rate in the event of a performance.)
- Stagehands called by department will work as assigned to departments only.
- For DeVos Performance Hall any work on the grid is considered rigging.
- Truck Loaders are a separate department, and do not cross department lines. Likewise, hands do not unload or load vehicles. A department head will not be assigned to the truck loading department. Loaders will be paid the hand rate, subject to the four hour minimums and other conditions listed.
- DeVos Performance Hall and the Union will honor all yellow card attractions.