

# MANSFIELD THEATER

## TECHNICAL SPECIFICATIONS

### LOAD-IN ACCESS

From south side of the Mansfield Convention Center access is through public double doors; then up one and a half flights of stairs and forward to stage right theater door. Ramps are available for use on the stairs. Trucks unloading from this circle drive may not be backed up to the doors. All trucks must park in adjoining parking lots, accessed from River Drive, either behind the Children's Museum or the Energy West building.

From west side of the Mansfield Convention Center access is through an overhead door; then walk through the convention room, and up a ramp to U.S. wall of stage. Trucks wanting to park at these doors must make advance arrangements with the Events Coordinator.

### STAGE

- Blonde birch inlaid wood over 4" pine on concrete beams
- No trap doors or elevators
- Stage extends 12' depth x 46' wide over covered pit

### DIMENSIONS

- U.S. loading door: 8' wide x 10' high
- Proscenium: 50' wide x 32' high
- Plaster line to back wall: 30' maximum
- Plaster line to apron: 3' (10' with pit covered)
- Plaster line to valance: 18"
- Plaster line to grand drape: 26"
- Plaster line to balcony rail: 55'
- Stage height above house floor: 3'
- Proscenium edge to S.R. wall: 20' unobstructed
- Proscenium edge to S.L. equipment storage area: 11' to 13' (equipment varies)
- Wing height (both sides): 30'
- Crossover positions: U.S. (behind traveler), basement

### ORCHESTRA PIT

- Normally covered by a Wenger modular platform measuring
- 46' long x 12-14' wide; curved front
- Accommodates 25-30 musicians
- Individual sections of cover may be removed for smaller groups
- Musicians access to pit: from basement stairs
- Equipment access to pit: through auditorium rail

## RIGGING

- Clancy t-track, double purchase, counterweight (installed: Jan., 1996; renovated: Dec., 2003; inspected: Oct., 2007)
- Number of sets: 22
- Number of open sets: 12
- Line centers: 10'
- Number of lines per set: 4
- Batten length: 60'
- Safe load: 500lbs (1000 on arbor)
- Weight available: 24,000lbs
- Fly floor location: S.R. gallery 30' above stage
- Head block/grid height: 65'
- Maximum high trim: 50'+ (less on house electric pipes and 12' arbor pipes)
- Maximum low trim: 6'

## SOFT GOODS

- House grand drape: Traveler; manually pulled S.R.; burgundy velour with black backing
- House valance: Guillotine; burgundy velour with black backing
- Borders/teasers:
  - Two black doveteen: 50' wide x 5' high with fullness
  - One blue corduroy: 48' wide x 4' high, flat
  - One black velour: 40' wide x 2' high (hung on movie screen)
- Legs:
  - Two sets black doveteen: 12' wide x 25' high with fullness
- Stage drape:
  - Two piece M.S.: blue corduroy, flat: 60' wide x 20' high
  - Two piece U.S. blackout traveler: black doveteen: 60' wide x 29.6' high, pulled S.R.
- Scrim: 50' wide x 27' tall
- Cyclorama: 28'8" wide x 50' tall

## ORCHESTRA SHELL

- Type: Wenger stage master; 10 sections
- Color: eggshell white
- Size: upstage width 50'
- Size: proscenium opening 50'
- Depth: 25'
- Height to ceiling: 28'
- Capacity: 80 musicians on stage

## LINE SET LIST

LINE #	DISTANCE from P-line.	USE	REMARKS
0	6"	Fire curtain	Increased valiance masking
1	18"	Valance	Adjustable
1.5	26"	Grand drape	Dead hung; pulled stage right
2	3' 6"	#1 sound cloud	Permanent
3	4' 2"	#1 electric w/20 circuits & 12" arbor, extra weight capacity, lower max trim	
4	5' 6"	#2 electric w/6 circuits	
5	6' 10"	Open pipe	
6	8' 2"	Open pipe	
7	9' 6"	#2 sound cloud	Permanent
8	10' 10"	Open pipe	
9	12' 2"	Open pipe	
10	13' 6"	#3 electric w/6 circuits	
11	14' 2"	Open pipe w/12' arbor, extra weight capacity, lower max trim	
12	14' 10"	Open pipe	
13	16' 2"	Open pipe	
14	17' 6"	#3 sound cloud	Permanent
15	18' 10"	Open pipe	
16	20' 2"	Open pipe	
17	21' 6"	#4 electric w/6 circuits	
18	22' 10"	#5 electric w/6 circuits	
19	23' 6"	Open Pipe	
20	24' 2"	Cloud	Permanent
21	24' 10"	Open pipe	
22	25' 6"	Open pipe	
22.5	26'	Back traveler	Dead hung

## HOUSE LIGHTS

- Control: Dove system
- Location: S.R.

## AUXILIARY POWER

- One 400 amp 3 phase box on S.R. side wall; 20' from proscenium edge
- One 100 amp 3 phase on S.L. proscenium wall; 5' from proscenium edge

## LIGHTING SYSTEM

- Locations: single universe DMX control plug-in locations at FOH and S.R
- Dimmers: Strand Century CD 80; ninety-six 2.4 kw dual dimmer modules
- Wide variety of Roscoe gels
- 12 Gobo holders for S-4 clips
- 1000+ feet of extension cable in lengths ranging from 5' to 50' with 3-pin theater plugs; includes 200' of 6-channel multi cables
- 32+ 2-fers in various lengths
- In-house instruments:
  - 10 Altman 1000W Fresnel 8"
  - 18 Altman 1KL 20 degree
  - 4 Altman 3-cell Sky Cys
  - 36 ETC Source 4 PAR-EA with W/M/N & VN lenses
  - One ETC Source 4 - 10 degree lenses
  - 32 ETC Source 4 - 19 degree lenses
  - 18 ETC Source 4 - 26 degree lenses
  - 16 ETC Source 4 - 36 degree lenses
  - 2 ETC Source 4 - 50 degree lenses
  - 32' of 100 watt incandescent border strips in 3 circuits

## SOUND SYSTEM

- Speakers:
  - JBL VERTEC Line Arrays Mod. VT 4886 Sub-compact 3-ways, hung 8-L, 8-R
  - JBL Sub-woofers Mod. ASB6128, Dual 18s, 2-hung center
  - JBL center fill mod. AM5212 2-way, hung center
  - JBL under balcony fill mod. AC25 2-way
- 4 amps: 2-Crown MT9000 for line arrays
  - 1-Crown CTS3000 for subs
  - 1-Crown CTS2000 for center and balcony fill
- Processors: 2-dbx 260s
- On-stage mixer: Ashley Mod. MX-400 6 channel stereo, in-house R rack
- FOH mixing console: Soundcraft SI Compact 32, 32 channels in, 16 channels out
- FOH/monitor control cabling:
  - Rapco/Horizon: 40 in/2 out stage box
  - 150' 40 channel I.H., stage multi to F.O.H. xlr fan
  - 150' 12 channel return, fan to fan
  - 30' 40 channel monitor split (stage multi to console xlr fan)
- Guest-artist control-cable access to FOH position: requires 150' of cable, through a 12" PVC conduit running under orchestra level seating, entering front of pit and exiting under F.O.H. production tables

## HEARING ASSIST

- Williams PPA Select System
- 25 R37 Receivers

- Compatible headsets: anything with a stereo mini plug

## COMMUNICATION SYSTEM

- Clear Comm 600 series with seven single channel belt packs
- Four single and five double muff headsets
- Power supply and splitter box in S.R. rack connects single channel lines to F.O.H., projection booth, fly rail, S.R. and S.L.

## STAGE EQUIPMENT & FURNITURE

- Harlequin ballet floor, 5 panels to cover 70' wide x 30' deep
- Piano: 9' Steinway; modified "D" concert grand with tufted bench
- Piano: 6' Beckstein "C" with adjustable bench
- Piano: 9' 1/2 Fazioli with tufted bench
- Orchestra chairs: 64 canvas padded, burgundy (owned by Symphony)
- Stools: six adjustable, black (owned by Symphony)
- Music stands: 54 Manhasset (owned by Symphony)
- Stand lights: 50 (owned by Symphony)
- Conductor platform: burgundy carpet; 4' x 4' x 12" (owned by Symphony)
- Platforms: with legs, numerous, ranging from 8" to 32" increments

## VIDEO EQUIPMENT

- Da-Lite Fast-Fold Truss Frame Movie Screen, 16' tall x 27'6" wide
- InFocus IN1503 DLP/3000 Projector, LU/1280x800/1800:1/ST/HDMI

## DRESSING ROOMS

- S.R.: remodeled in 2004; accommodates up to five; toilet, sink, lights, mirror, racks, chairs
- S.L.: remodeled in 2010 accommodates up to seven; single-stall shower, toilet, sink, lights, mirror, racks, table and chairs
- Fly floor: accommodates 20; two each at S.R. and S.L.; lights, mirror, racks, unfurnished
- Under stage: green room/dressing area remodeled in 2010; lights, mirrors, unfurnished
- Mansfield Convention Center: may be added at an additional cost to use for load-in, storage, workspace or additional dressing space; 15,000 square feet, adaptable

## MISCELLANEOUS

- Access to ATM
- High speed internet access