



Mount St. Joseph University Theatre Specifications

Seating Capacity: Main floor – 1047; Balconies – 76; Total - 1123

Proscenium opening:.....40'w x 20'h

Grid height:.....50'

Apron lip to Plaster Line (o'-o''):.....4'- 0''

Plaster Line to back wall (Hard Cyc):.....35'- 4''

Apron lip to House Curtain:.....5'- 9''

For more information see Stage Dimension Drawing D-1

Rear wall of stage is a hard cyc of sand-floated plaster painted white.

Stage floor is sprung red oak with ebony stain. No screws, nails or staples may be used.

There are no stage traps.

Rigging:

Line Sets:.....32 (J. R. Clancy T-bar, single purchase)

Capacity:.....1000#

Battens:.....50' long, 1-1/2" schedule 40 pipe, 5 pick up lines.

Lock Rail: stage right at stage level. Pin Rail at loading platform 42' above deck, SR.

Soft Goods:

Blue Valance: 44'w x 8'h, 50% full, 25 oz. velour.

Blue House Curtain(Grand): 2/26' w x 23'6"h, 50% full, 25 oz. velour, fully lined.

Gold "Olio, In-one, Speaker's" curtain: 2/26' w x 23'6"h, 50% full, 25 oz. velour.

Mid-stage Black traveler curtain: 2/26' w x 23'6"h, flat, 25 oz. velour.

Rear Black traveler curtain: 2/26' w x 23'6"h, 50% full, 25 oz. velour.

4 pair Black leg curtains: 2/16'w x 23'6"h, flat, 25 oz velour. All on individually adjustable tracks.

4 Black border curtains: 50'0"w x 7'0"h, flat, 25 oz. velour.

1 white sharks tooth scrim: 50'0"w x 23'6"h.

1 Projection Screen: 20'0"w x 15'0"h, Matte white. On batten #10, 8'8" upstage of plaster line.

Orchestra Pit: Fixed, 52'w x 16'd (maximum), 5'0" below stage level.

Can accommodate 50+ musicians with chairs, stands and instruments. (There is NO pit piano)

An on-stage piano (grand or console) for concerts can be arranged through the Music Department.

Loading door: 8'0"w x 10'6"h, at stage level 70' from stage, 3'0" dock height, (Campus Dock #4).

Road Show Power:

1-208Y/120 volts, 3-phase 4 wire, 200A per leg, Upstage right.

1-208Y/120 volts, 3-phase 4 wire, 100A per leg, Downstage right.

Bare tails required.

Lighting:

Control: Strand 520i, dual color monitors, located in lighting booth, center balcony level.

Hand held remote available with outlets on stage and FOH catwalk.

16 preset SWC push button station & houselight controls in SM Desk, stage right.

Dimmers: Strand CD80, 204 – 2.4KW, stage circuits; 6-2.4KW, houselights.

Instruments: (The majority of inventory is pre-hung to the House Lighting Plot, L-1. Extras are shown in parenthesis)

4 - 4-1/2" x 6-1/2" (50°) ellipsoidal, 575w (Strand Leko & SL)

22 (5) - 6" x 9" (36/40°) ellipsoidal, 575 or 750w (Strand Leko, SL, Altman)

26 (4) - 6" x 12" (26/30°) ellipsoidal, 575 or 750w (Strand Leko, SL, Altman)

32 - 19° ellipsoidal, 575w (Strand SL)

20 - 15° ellipsoidal, 1000w (Strand Leko)

4 - 10° ellipsoidal, 575w (Strand SL)

4 - 4-1/2" zoom ellipsoidal, 500w (Altman)

4 - 6" zoom ellipsoidal, 1000w (Strand)

4 - 8" x 9" ellipsoidal, 1000w (Capitol/Altman)

22 - 6" Fresnel, 750w (Strand)

16 - Par 64, 1000w MFL (L & E)

2 - High End Systems Technobeam

3 - Borderlights, 200w, Red, White, Blue

1 - Cyc Borderlight, 500w, Red, Green, Blue

1 - Cyc Ground Row (portable), 150w, Red, Green, Blue

2 - Lycian Superstar follow spots, 1200w HMI

All lighting instruments, outlets and cables use 3 pin stage connectors.

Intercom: Clear-Com, 2 channel. Outlets SR, SL, SM desk, light booth(main station), spotlights(2), sound booth, pit, FOH catwalk, amplifier room.

Video System: Camera at balcony displays full stage view on monitors at stage manager's desk and in dressing room area.

Main (Concert) Sound System:

Left/Center/Right system with speaker clusters flown over proscenium.

Refer to Sound System Block Diagram SS-4R for equipment and connection details.

Console: Yamaha IM8-24. 24 mono, 4 stereo inputs, 8 groups, 8 Aux., 4 Matrix, Left, Right and Mono outputs. 1/8" stereo input available.

Sound booth on balcony level, house right.

Speaker Clusters(3): JBL VRX Line Arrays, 2 way + subwoofers.

18 microphone lines from stage to balcony sound booth.

11 send lines from sound booth patch bay to amplifier rack in stage right storage room.

PC in sound booth for playback, can accept USB input.

CD, Mini-Disk and cassette players available.

Monitor speakers:

Floor wedges: 3 - Cerwin-Vega 12" 2 way, 2 - Yamaha 15" 2-way.

Side Fills: 2 - Yamaha 15" 2-way.

Microphones/DI:

- 4 – Shure SM58
- 5 – Shure SM57
- 4 – E-V RE11
- 2 – E-V PL80
- 1 – Sennheiser E815S
- 1 – E-V 635A
- 2 - Shure SM81 recording mics
- 3 - Crown PCC-160
- 3 - Audio Technica AT853 hanging mics
- 1 – Audio Technica AT857 mounted on Lectern
- 3 – Direct Boxes (passive)

Wireless Systems:

- 8 – Audio Technica 3000 UHF systems with MT830 body mics.
- 4 – Audio Technica 3000 UHF systems with ATW-T341 handheld vocal mics.
- 1 – Audio Technica ATW-R11 VHF with ATW-T28 handheld vocal mic.

Assisted Listening System: RF, Telex ST200 w/4 receivers available.

Auxiliary mixers available : Mackie 1402VLZ, Mackie 1202VLZ

Lecture Sound System:

Monaural system accesses center speaker cluster.

12 Channel mixer and Tascam CD/iPod player in Stage Manager's Desk.

12 Microphone jacks distributed around stage and house.

Totally separate from Main Sound System. (Except for speakers.)

Dressing Rooms:

Under stage, one flight down. Elevator nearby.

Room 17A: 264 sq. ft., 8' make-up counter with mirrors and lights. Toilet and sink.

Room 17B: 487 sq. ft., make-up mirrors and lights.

Room 17C: 410 sq. ft., 8' make-up counter with mirrors and lights.

Room 17D: 387 sq. ft., 8' make-up counter with mirrors and lights. Toilet and sink.

Lobby space between rooms: 177 sq. ft.

Program/Paging speakers in all areas allow occupants to hear activity on stage and receive paging announcements from stage manager.

Video monitor in lobby area displays full stage activity.

Public toilets nearby.

Office of Campus Facilities: 513 244-4327

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