

LYDIA MENDELSSOHN — TECHNICAL SPECIFICATIONS

HOUSE SPECIFICATIONS

Mailing & Venue Address:

University Productions
911 N. University
Ann Arbor, MI 48109-1265

Seating Capacity:

Orchestra: 410 + 4WC + 8C
Balcony: 220
Total capacity: 642
WC=Wheelchair, C=Companion

LOAD-IN ACCESS

Address:

Fletcher Street between N. University and Washington Streets.

Loading Doors:

Garage Door: 9'-8" x 5'
Note: the loading door leads into the trap room where all scenery must be lifted to stage level via a center stage elevator. After the set is onstage, the elevator is inoperable because the lift platform is part of the stage floor.

Elevator Trap info:

Trap dimensions: 8'-6" x 9'-2 1/2"
Loading platform to stage: 15'-3"
Basement floor to stage: 20'

CONFERENCE EQUIPMENT

Two (2) 30" x 6' conference tables for lobby use
Some pleated, blue, table skirting is available
One (1) Walnut lectern with adjustable height and clock

STAGE SPECIFICATIONS

Proscenium arch width: 29'-11"
Proscenium arch height: 16'-10"
Depth of stage (from plaster line): 24'
Depth of apron (from plaster line): 5'
Dimensions of orchestra pit: 4'3"6'd x 24'w
Stage floor: Masonite, painted black

Rigging:

Number of line sets: 29
Height of grid from stage floor: 37'
(stage floor to bottom of grid.)

Highest batten can be flown: 35'-5-1/2"
electrics: 33'
travelers & amp leg pipes: 34'
Lowest batten can be flown: 5'
electrics: 3'-10"
Distance from back wall to last set: 4'-6" at center line

House Line Plot:

Line set #	Distance From Plaster	Notes
1	0'-6"	Act Curtain
2	1'-0"	Teaser
3	2'-0"	1st Electric
4	3'-0"	2nd Electric
5	4'-0"	
6	4'-6"	Legs
7	5'-0"	
8	5'-6"	
9	6'-0"	
10	6'-6"	
11	7'-0"	
12	7'-6"	Border
13	8'-6"	Traveler Track
14	9'-6"	3rd Electric
15	10'-6"	4th Electric
16	11'-6"	
17	12'-0"	
18	12'-6"	
19	13'-0"	Border
20	13'-6"	Legs
21	14'-6"	5th Electric
22	15'-6"	
23	16'-0"	
24	16'-6"	
25	17'-0"	
26	17'-6"	Border
27	18'-0"	Traveler Track
28	19'-4"	6th Electric
29	25'-9"	7th Electric

Arbor Information

(T Track located SL 2' from proscenium)
Full weight: 19 lbs., 1 1/2" tall
1/2 weight: 12 1/2 lbs., 1" tall
Arbor capacity: 36 full weights @ 720 lbs.
Note: no weight loading gallery- loading must be at stage level.

Length of batten: 31'-5" minimum
Minimum pipe length: 30'-8"

LYDIA MENDELSSOHN — TECHNICAL SPECIFICATIONS

Soft Goods:

Front Curtain - manual, guillotine with split in the center,
no traveler

House Drapery Hang: (all draperies are black velour)

One (1) Teaser 40'w x 8'h
(line set #2)

Two (2) pair legs 10'w x 22'h
(line sets #6 and #20)

Two (2) travelers 18'w x 22'h
(line sets #13 and #27)

Three (3) borders 40'w x 8'h
(line sets #12, #19 and #26)

Sidetabs - Two (2) dead hung traveler tracks, SL & SR,
running US/DS at 18' from center w/two (2) pieces each
27'w x 22'h

Additional drapery:

Four (4) legs: 10'w x 22'h

Four (4) legs: 6'w x 18'h

Two (2) borders: 7'h x 40'w

One (1) border: 7'h x 60'w

Two (2) travelers: 19'w x 16'-6"h

Four (4) travelers: 30'w x 24'h

Two (2) scrims, black sharktooth: 30'w x 16'h

One (1) scrim, white sharktooth: 30'w x 16'h

One (1) painted drop: 30'w x 16'h
(mimics design of proscenium arch)

LIGHTING SYSTEM

Location of company switch:

DSR wall — 200 amps 3 phase, 4 wire.

Lighting Control:

One (1) ETC Expression 2X

One (1) ETC remote focus unit w/extension cable

One (1) ETC remote video interface w/2 color monitors

One (1) ETC full remote interface (rfu, video, dmx512)

Dimmers:

One hundred ninety (190) ETC 2.4 KW
(one dimmer per circuit)

One (1) House Light Dimmer

Circuit Locations:

Circuit chart available upon request

Standard House Light Hang:

Front of House:

Follow Spot Booth Two (2) Source Four 10°
One (1) 1-1/2" goalpost

(located at rear of balcony with a headset outlet)

Box boom #1 SL & SR Six (6) ETC Source Four 26°

Six (6) ETC Source Four 36°

Box boom # 2 SL & SR Six (6) ETC Source Four 19°

Six (6) ETC Source Four 26°

Beams Twenty-two (22) Source Four 19°

Stage Pipes:

1st Electric Eight (8) ETC Source Four 36°

Eight (8) Source Four Par

2nd Electric Four (4) 6' Striplights

3rd Electric Six (6) ETC Source Four 36°

Eight (8) Source Four Par

4th Electric Four (4) 6' Striplights

5th Electric Six (6) ETC Source Four 36°

Eight (8) Source Four Par

6th Electric Six (6) Strand 6 x 9

Eight (8) Source Four Par

7th Electric Six (6) 6' Striplights

Note: 4 L&E mini-floods will typically provide work light overstage

Entire Lighting Inventory: (includes standard house hang)

Two (2) ETC Source Four 10°

Thirty-two (32) ETC Source Four 19°

Thirty-six (36) ETC Source Four 26°

Thirty-six (36) ETC Source Four 36°

Twelve (12) Strand Leko 6 x 16 axial

Eight (8) Altman Leko 6 x 16 radial

Thirty-four (34) Strand Leko 6 x 12 axial

Twenty-eight (28) Strand Leko 6 x 9 axial

Sixteen (16) 6" Kliegl Fresnels

Thirty-two (32) ETC Source Four pars

Twenty (20) Color Blaze 72 LED Striplight units

Lighting Fixture Color Coding:

Orange: 10°

Blue: 19°

Red: 26°

Yellow: 36°

Blank: 50°

LYDIA MENDELSSOHN — TECHNICAL SPECIFICATIONS

Lighting Cable:

Forty-two (42) 5' stage cable
Forty-seven (47) 10' stage cable
Forty-nine (49) 25' stage cable
Eighteen (18) 50' stage cable
Six (6) 75' stage cable
Two (2) 6 channel multi 50' (socopex)
Two (2) 6 channel male breakouts
Two (2) 6 channel female breakouts
Seventeen (17) 3-fers

Accessories:

Two (2) Zytex heat stop panels 18" x 20'
Sixteen (16) 50° lense tubes
Ten (10) ETC Source Four iris kits
Six (6) 18" Scenery Brumpers
Ten (10) ETC Source Four tophats
Sixty (60) 6-1/4" Tophats
Thirty (30) 6-1/4" Halfhats
Eight (8) ETC Source Four drop-in iris units
Thirty-six (36) side arms 18" - 24"
Four (4) light ladders, 3 tier
Five (5) 35 lbs boom bases 1-1/2" pipe
Four (4) 50 lbs boom base 1-1/2" pipe

HOUSE SOUND SYSTEM

Console

Three (3) Rane ME15 equalizer
One (1) Mackie cr-1604-vlz mixer
 16 channel inputs / 6 output, sn #a104435
One (1) audio snake 100' long, 8 x 4 channels
Three (3) QSC 1200 amplifiers

Playback Devices

One (1) Revox 1/2 track tape decks
 1/4" reel-to-reel, 3-3/4&7-1/2 ips
One (1) Technics DA-10 dat tape deck
One (1) Technics CD player
One (1) Technics dual cassette deck
One (1) Sony MDS-JE510 minidisc player

Speakers

Four (4) AR-2a speakers
Six (6) EV S40B speakers
Four (4) Sentry V - two (2) mounted on proscenium wall,
 two (2) used as backstage monitors

Microphones and Accessories

One (1) Audio-Technica 803A lapel microphone
One (1) Electro-Voice 647CL lavalier
Four (4) Electro-Voice 635A lo-z microphone
One (1) Shure SC-4 wireless system, FM lapel or handheld
One (1) straight microphone stands
Four (4) boom stands
Six (6) Shure SM58 microphones (two w/switch)

Speaker outlets

Speaker Line #	Location
1 - 2	Proscenium Wall SL
3 - 4	Proscenium Wall SR
5	Green Room
6 - 7	Balcony Face
8 - 9	Projection Booth
10 & 12	Upstage Left
11	Upstage Right
13 - 14	Trap Room
15 - 16	Makeup Room
17 - 18	Orchestra Pit

COMMUNICATION SYSTEM

Headset System

Twelve (12) Beyer DT-108 single muff headsets
Three (3) Clear-Com CC-75 single muff headsets
One (1) Clear-Com KB-111 squawk box, in trap room
Two (2) Clear-Com KB-112 squawk boxes
One (1) Clear-Com MR-102
Two (2) Clear-Com PS-452
Eleven (11) Clear-Com RS-501 single belt pack
Two (2) Clear-Com RS-502 double belt pack
Two (2) Telex wireless double belt pack

Intercom

One (1) dressing room monitor system w/ dressing room page

Video

Two (2) cameras - One (1) fixed on balcony rail, One (1) mobile
Six (6) monitors
 One (1) located in the lobby, color
 One (1) located in the green room, color
 Two (2) located at the stage manager's station SR,
 (one color, one black and white)
 Two (2) mobile - one color on cart, one black and white

INFORMATION SYSTEMS

Wired - Ethernet 1000 Base-T, located in box office, House Tech booth and various locations throughout the building. Advance arrangements required for access.

Wireless - U-M Wireless on-stage and in the auditorium and main lobby please refer to <http://www.itdcom.itd.mich.edu/wireless/> for information regarding access and settings.

REMOVABLE SEATING

All of Row A

Rows C & D, seats 1-5 & 18-22

DRESSING ROOMS

There are laundry facilities available in the trap room.

Half Flight Below Stage Level:

Green Room - located off stage right with access from backstage right, auditorium, and lobby.

One Flight Below Stage Level:

Two (2) Dressing Rooms (one stage right, one stage left) - Partitioned into 4 areas with doors on each area 3 areas are singles, 1 area is for 4 actors. Each area has a basin w/hot and cold water, mirror w/abundant light. A toilet is also located in each dressing room.

Two Flights Below Stage Level:

Stage Left Ensemble Room - seating and mirrors for 13 performers, a shower, 3 basins, toilet, and water fountain.

Stage Right Ensemble Room - seating and mirrors for 13 performers, a shower, 3 basins, toilet, and water fountain.

Two and a Half Flights Below Stage Level:

Wardrobe/Wig Room - located under the stage, half-flight below to the trap room.

MISCELLANEOUS EQUIPMENT

One (1) full-sized refrigerator - located in trap room

Tables:

Five (5) 30" x 4' prop tables

Two (2) 30" x 5' prop tables

Five (5) 30" x 6' prop tables

Ladders:

One (1) 20' stepladder

One (1) 16' stepladder

One (1) 12' stepladder

One (1) 8' stepladder

One (1) 5' stepladder

Orchestra Pit:

One (1) Yamaha upright piano (rollable, located in green room)

Twenty-Six (26) music stands

Twenty-Six (26) Chairs

Twenty-Six (26) music stand lights

One (1) electrical snake for music stand lights