



TECHNICAL SPECIFICATIONS

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<u>AUDITORIUM SEATING CAPACITY:</u>			
Pit	15		
Orchestra	225	Balcony	89
Orchestra Boxes	52	Balcony Boxes	38
Floor Total	292	Balcony Total	127
			Total Seating 419
			(At Max Capacity)

The Newberry Opera House is not a Union House.

LOADING DOCK: The Loading Dock is located off Nance Street on the South side of the building. Dock is 3'-6" high with 312 square feet of receiving room area. Loading doors are 8' W x 7'1" H. These doors lead to our freight elevator, which goes to the stage on the third floor.

FREIGHT ELEVATOR: The freight elevator is a 2-ton oildraulic elevator. This elevator stops at all floors in the Opera House for easy access to the stage and dressing rooms. The elevator is 8' W x 7' H x 9'-6" Deep.

TRUCK & BUS PARKING: Two 53' trucks and one bus can fit into our dock area at one time. Dock area includes one loading ramp. Company trucks and buses may stay in this area during the run of the show. If needed, there is additional parking in a lot across the street from the Opera House.

STAGE SPECIFICATIONS

Stage Floor- Our Stage floor is sprung to accommodate dance companies.

HEIGHT OF PROSCENIUM	15' 8"
WIDTH OF PROSCENIUM	29' 5"
HEIGHT OF OPERATING GALLERY	14' 6"
DEPTH OF STAGE TO CYC	27' 4"
DEPTH OF STAGE TO WALL	29' 5"
WIDTH OF STAGE	46' 9"
WIDTH OF STAGE (center to SL)	25' 0"
WIDTH OF STAGE (center to SR)	21' 9"
CENTER STAGE TO OPERATING GALLERY	21' 10"
APRON (from US edge of proscenium)	4' 6"
THRUST (from US edge of proscenium)	6' 0"
MAXIMUM STAGE DIMENSIONS:	46' 9"W x 35' 6" D

DIMENSIONAL INFORMATION

Measurements are from the Center Line at the upstage edge of the proscenium to the centers of each position. Booth measurements are to the booth floors.

<u>POSITION</u>	<u>HORIZONTAL DISTANCE</u>	<u>ELEVATION</u>
Far Catwalk	30' 10"	25'
Near Catwalk	17' 10"	25'
<u>House Left</u>		
Box Boom	34' 1/2"	19' 1/2"
Near Balcony Rail	26' 8 1/4"	8' 5"
Far Balcony Rail	37' 1 1/4"	8' 5"
<u>House Right</u>		
Box Boom	33' 8 1/4"	19' 7 1/2"
Near Balcony Rail	26' 2 1/2"	8' 5"
Far Balcony Rail	37' 1 1/4"	8' 5"
Light Booth	60' 6"	19' 7 1/2"
Spot Booth	58' 8"	19' 7 1/2"
FOH Sound	53'	0' 0"



POWER DISTRIBUTION

There are three Power Panels that can be used as electrical service for incoming shows. Below is a chart with the information on each individual panel.

<u>PANEL</u>	<u>PHASE</u>	<u>AMPS</u>	<u>VOLTS</u>	<u>COMMON USE</u>	<u>LOCATION</u>
A	3	400	120/208	Company	USL Wall / Deck
B	3	200	120/208	Sound	USR Wall / Deck
C	3	200	120/208	Shore	Dock

AUDIO SYSTEM INFORMATION

FRONT OF HOUSE CONSOLE: YAMAHA M7CL-48 Digital Mixing Console

MAIN SPEAKER SYSTEM

- (2) Worx Audio X3i-p - Powered 3 cell line array with 150° coverage and capable of 120dB at the sound position
 with **105 dB House Limit.**
- (1) Worx Audio X1i-P - Single cell line array mounted above the balcony is used as the delay speaker.
- (2) Bose 203 - Speakers are used as front fills on the stage level.
- (4) Danley TH115 - Subwoofers are 15" and are powered by an 8000 watt QSC amplifier.
- (1) Nexia SP - Bi-amp is a 4 in 8 out digital signal processor.

MONITOR CONSOLE: YAMAHA M7CL-48 Digital Mixing Console

MONITOR SPEAKERS

- (12) QSC K12 - Powered 12' speakers are bi-amped wedges able to push 121dB on stage.

MICROPHONE LIST:

Shure

- (9) SM-57
- (11) SM-58
- (1) Beta-58 A
- (1) Beta-91
- (1) Beta-52A
- (1) PG-52
- (3) PG-56
- (2) PG-81
- (1) SM-81
- (1) SM-94
- (2) KSM-137

Crown

- (1) CM700
- (1) PCC 170SW

Rode

- (2) NT1

Audix

- (3) D2
- (2) F10
- (1) F12

Wireless Shure

- (4) QLXD 58
- (4) SLX 58
- (4) QLXD1 Body Packs
- (2) Lavaliers
- (2) SLX 1 Body Packs

Countryman

- (4) E6 Cardioid earsets

SNAKE

40 Channel X 8 return analog snake with 40 channel split



NEWBERRY
OPERA HOUSE
 PERFORMING ARTS CENTER

DIRECT BOXES

- (2) Rapco International
- (3) Behringer Ultra DI100
- (1) Countryman
- (1) RMS VDB-1

MICROPHONE STANDS

- (9) Straight Round Base
- (10) Straight Tripod
- (9) Short Tripod Boom
- (2) Short Round Base Boom
- (14) Long Arm Tripod Boom
- (8) Medium Arm Tripod Boom

BACKLINE EQUIPMENT

- (5) Guitar Stands
- (1) Keyboard Stand
- (1) 9' Yamaha Concert Grand Piano
- (1) Hartke B900 15" Combo Bass Amplifier
- (1) Trayner Custom Valve 80-4-10 Guitar Amplifier
- (1) Trayner Custom Valve 40-1-12 Guitar Amplifier
- (1) Clear Sonic 7 Panel Drum Shield with Sober
 - (1) Drum Kit
 - 5 Piece-Yamaha Stage Custom Rack Toms 12" & 13"
 - Floor Tom 16"
 - Snare 14"
 - Kick 22"
 - Istanbul Empire Series Hi-Hat 14"
 - Istanbul Traditional Medium Ride 20"
 - Istanbul Medium Crash 17"
 - Istanbul Thin Crash 17"
 - Istanbul Medium Crash 16"
 - DW5000 Kick Pedal

ORCHESTRA EQUIPMENT	
<u>RISERS & PLATFORMS</u> (4) 4' x 8' x 14"	<u>ORCHESTRA CHAIRS</u> (71) Black Orchestra Chairs (4) Red Orchestra Chairs
<u>MISCELLANEOUS</u>	
(41) Music Stands (29) Music Stand Lights (3) Speech Podiums (2) Conductor Podiums	

RIGGING SPECIFICATIONS

SINGLE PURCHASE, HAND RUN LINE SETS OPERATED FROM THE OPERATING GALLERY
 14' 6" ABOVE STAGE RIGHT DECK. THERE IS NO GRID.

<u>NUMBER OF LINE SETS</u> 38	<u>MAX WEIGHT PER ARBOR</u> 520 lbs.	
<u>TRAVEL DISTANCE</u>	<u>LENGTH OF BATTENS</u>	
Pipe # 1 22' 3"	Pipe # 1, 8, 16, 23 34'	
Pipe # 2 – 21 25'	All other pipes 32'	
Pipe # 22 23' 1"		
Pipe # 23 – 31 25'		
Pipe # 32 – 38 19' 8"		

GENIE LIFT - We have one 36' battery powered genie lift.

LADDERS - We have one 5' ladder, one 8' ladder, and one 12' ladder.

OBSTACLES - The only real obstacles are around pipes 1 and 22. There are steel beams and work lights that are located near these battens. The last 6 pipes are lower because the roof of the building is about 5' lower in that area.



SOFT GOODS INVENTORY

1	Red Scissor Main Drape- manual	
4	Black Borders	32'W x 5'H
4	Pair Black Legs	4'W x 18'H
1	Full Stage, 2 Panel Black Velour Traveler	36'W x 16'H
1	Full Stage, 2 Panel Black Velour Traveler	36'W x 16'H
1	White Cyclorama	31'W x 19'H
1	Black Scrim	32'W x 20'H
6	Black Side Tabs	6'W x 18'H

LIGHTING SYSTEM INFORMATION

CONSOLE

ETC Element
 350W
 60 Submasters
 250 Channels

SPOTLIGHTS

(2) Lycion Midget HP 575W

MOVING LIGHTS

(4) Elation Platinum Spot 5R Pro

INSTRUMENTS

(27)	ETC Source Four 19 Degree	575W
(19)	ETC Source Four 26 Degree	575W
(19)	ETC Source Four 36 Degree	575W
(2)	ETC Source Four 50 Degree	575W
(24)	ETC Source Four 36 Degree Junior	575W
(13)	ETC Source Four 50 Degree Junior	575W
(36)	ETC Source Four Par	575W
(4)	Strand Coda 3 Cell Cyc Light	500W

DIMMERS

(126) 1.2K Dimmers

(60) 2.4K Dimmers

(186) Total Dimmers

All Dimmers are Rosco IPS Dimmers. The onstage dimmers are mounted on the electrics. They CANNOT be moved.