

**LEBANON OPERA HOUSE ~LEBANON, NEW HAMPSHIRE**  
**JACK O'CONNELL THEATER TECHNICAL SPECIFICATIONS**  
(REVISED 10/28/13)

**CONTACT**

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**STAGE**

Proscenium opening: 28'10" W X 20' High  
Stage Height from floor: 39"  
Back wall from plaster line: 28'  
Back wall from apron: 36'  
Grid: 50'  
Stage left usable wings: 12' wide and 24' deep  
Stage right usable wings: 10' wide and 15' deep

Thrust in semi-circle from about 6'8" at proscenium opening sides to 8' at center from plaster line.

There are two trap doors, one DSR near the lip and the other USC. Both require some planning and consultation before use.

The stage can be accessed from the green room at both sides.

There is no on stage cross over. Please consult with LOH's Technical Director if cross over needed.

The house seats 803 when all seats are in place, including two (2) wheelchair spaces and eight (8) accessible seats. The first four rows of seats in the center section and three rows of seats on the sides are removable.

**RIGGING**

The rigging is a T-track system with all line sets on arbors. Loading Rail is above stage level.

Pipe lengths vary.

First 6 pipes: 40' (double purchase).  
Line set #7 - #23: 44'  
#24 and #25: 38'

House Line Set Schedule with measurements from Plaster Line:

#1 (1')	Main Border
#2 (2')	Main Drape/ Travel or Fly
#3 (3')	Legs
#4 (4')	First Electric (Raceway)[15 Circuits 1 to 1 Patch]
#5 (5')	Free
#6 (6')	Free
#7 (7')	Free
#8 (8')	Border
#9 (9')	Legs
#10 (10')	Second Electric (Raceway)[15 Circuits 1 to 1 Patch]
#11 (11')	Free
#12 (12')	Free
#13 (13')	Free

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#14 (14')	Border
#15 (15')	Legs
#16 (16')	Third Electric (2 @ 8 circuit drop boxes that need to be hard patched.)
#17 (17')	Free
#18 (18')	Black Scrim
#19 (19')	Border
#20 (20')	Fourth Electric (Raceway) (6 circuits 1 to 1 patch & 4 that need to be hard patched)
#21 (21')	Free
#22 (22')	Legs
#23 (23')	Free
#24 (24')	White CYC
#25 (24 .5')	Full Stage Black (Torn. To mask bleed through CYC.)

There is a truss with 16 circuits rigged at @ 1' DOWNSTAGE of the proscenium opening.

The main drape is rigged to fly or travel.

Maximum drop height to fly out of sight @ 22'-24' (20' high better) Batten High Trim @ 40'

Normal electric trim heights for this stage are between 22' and 26'.

If you require a different set up for masking please let LOH's Technical Director know before your arrival.

### **SOFT GOODS**

Black two part drop with fullness. Not rigged to travel.

Black two part drop with fullness. Torn along the bottom.

White Cyc

Four Borders no fullness

Four sets of black legs with fullness

Black scrim

The fire curtain is automatic release and must be kept clear for all productions so nothing hard can break the plaster line.

### **LIGHTING INVENTORY**

There are **92** ETC Source Four bodies with the following selection of lens tubes (more tubes than bodies):

Six (6) 50 Dg

Thirty (30) 36 Dg

Forty (40) 26 Dg

Twenty seven (27) 19 Dg

Twenty four (24) Source Four Parnels

Twenty seven (27) Par 64s

Four (4) 2-cell far cyc (1K)

Four (4) 16" scoops (1K.)

Two (2) FOLLOW SPOTS Altman Comets

Two (2) Telrad Spotting Scopes

All source four instruments are lamped at 575W, Par 64s at 1K

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### **LIGHTING CONTROL**

One hundred and eight (108) in-house dimmers. One dimmer is used for house lights at all times.  
One (1) ETC 48 sensor rack (rated 20 amps per dimmer/ 2.4 kw per dimmer). Circuits 1-48 hard-wired.  
One(1) LMI 48 dimmer rack (rated 20 amps per dimmer/ 2.4 kw per dimmer). Hard patched in basement.  
One (1) ETC sensor 12-pack (rated 20 amps per dimmer/ 2.4 kw per dimmer). Powered off of company switch onstage, so if sound needs the company switch, this rack is NOT available.

Board: ETC Express 72/144.

LOH does not have the electrical resources to handle more dimmers. It is necessary to realize this and plan to adapt you plot to these specifications.

LOH uses GPC (3Pin) for all connectors.

Focus points for front of house are in the ceiling. Stage and box positions are done from ladders. Electrics on stage and front of stage truss can be focused from an Extension Stick A-Frame.

The House Rep Plot consists of a 2-color wash from front of house; a 2-color down wash from the stage; high sides from each side provide a single color from either side.

If you are looking for additional lighting or have custom needs, please contact LOH's Technical Director.

### **POWER FOR THE STAGE**

There is a 100A Company Switch on Stage. It is located on the SL back wall. There are also 6 non-dim circuits available: 2 from the front of the stage; 1 SL; 1 on the back wall; and 2 that feed down from the DSR mid-gallery.

### **SOUND**

House system includes an Allen & Heath GL2400 32 channel mixing console, DBX equalizers, Yamaha multi effects units and DBX compressors, or Behringer X32 console, 4 Meyer UPA 1C mid high boxes, 2 Meyer USW-1 double 15" subwoofers, 2 QSC I-82H front fill speakers and 6 EV monitor wedges.

The front of house console is capable of 4 monitor mixes.

Tascam CD player available for audio playback. Please have all audio material in CD format.

A list of microphones is available from LOH's Technical Director upon request.

For major sound needs please contact LOH's Technical Director for a list of sound companies that regularly work with LOH.

### **SOUND LEVEL**

LOH enforces a strict 100 db sound level measured from the sound board. There will be no exceptions. Renters are obligated to enforce this policy. Should Renter's personnel refuse to adjust decibel levels to conform to house policy, LOH shall have the right to charge promoter \$500.00 for first infraction; \$1,000.00 for second infraction; and \$1,500.00 for each infraction thereafter. These charges will be made in addition to all other charges incurred for this event.

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### **ORCHESTRA PIT**

There is no orchestra pit at LOH, but a system of 3'6" baffles on the floor in front of the stage is available and can accommodate up to 36 piece orchestras. This option requires the removal of rows of audience seating and must be discussed before tickets go on sale.

25 music stands, stand lights and 50 chairs are also available.

A Technics SX-PX552 electric keyboard with weighted action is available as well as a Yamaha upright for use. The area in front of the stage that is used as a pit is carpeted.

### **ACCESS TO THE STAGE**

LOH's freight elevator connects directly to the stage and can handle most standard size road boxes etc (with a

Door opening: 5'-5 1/2" wide x 6'-11 1/2"

Internal clearance: 9' door to door

Rated for: 5000 lbs

LOH also has a 10'x10' loading door located 12' above ground which can be reached with a fork lift for loads too big for the elevator. Forklift needs to be rented from an outside supplier so please let LOH's Technical Director know well in advance if you are planning to use this door.

The door from the elevator lobby to the stage is 7'4" wide and 9'2" high.

Please contact LOH's Technical Director if your set has extra large pieces.

### **STAGE HANDS UNION**

LOH has an agreement with IATSE Local 919. LOH's Technical Director has extensive experience with all aspects of theater and will determine the required number of hands needed to run a performance, including such positions as stage manager, lighting operator, sound operator and/or hands, based on information provided by the Renter's production liaison.

If no information is provided by a Renter's production liaison 14 days prior to the performance, LOH's Facilities Manager will hire the crew based on his/her professional assessment.

All crew members are paid for a minimum of four hours. The Renter is responsible for all crew costs incurred. Rates include IATSE / FICA contributions and an administration fee.

### **DRESSING ROOMS**

LOH's Green Room has four dressing rooms suitable for two or three people each. It also has two showers and three toilets. There is a laundry space, with one (1) washer and one (2) dryer and a kitchenette adjacent to the lounge area.

Down one flight from the green room are two larger "chorus" dressing rooms with toilets to accommodate 12 to 20 people. The LOH Technical Director's office can be used for a production office, equipped with one landline. Wireless internet is available and works in most of the building. Ask LOH's Technical Director for the password.

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## AMENITIES

### Medical Facilities

Alice Peck Day Memorial Hospital  
125 Mascoma Street  
Lebanon, NH 03766  
Phone: 603.448.3121  
1.75 miles from LOH

Dartmouth Hitchcock Medical Center  
One Medical Center Drive  
Lebanon NH 03756  
Phone: 603.650.5000  
5 miles from LOH

### Hotels

Courtyard Marriot \*  
10 Morgan Drive  
Lebanon, NH 03766  
Phone: 603.643.5600  
Fax: 603.643.5669  
Website: [www.marriott.com](http://www.marriott.com)  
3.1 miles from LOH

Fireside Inn and Suites \*  
25 Airport Road  
West Lebanon, NH 03784  
Phone: 603.298.5900  
Fax: 603.298.0340  
Website: [www.afiresideinn.com](http://www.afiresideinn.com)  
4.2 miles from LOH

Residence Inn Hanover Lebanon  
32 Centerra Parkway  
Lebanon, NH 3766  
Phone: 603.643.4511  
Fax: 603.643.0546  
Website: [www.marriott.com](http://www.marriott.com)  
3.3 miles from LOH

Days Inn Lebanon/Hanover  
135 Route 120  
Lebanon, NH 03766  
Phone: 603.448.5070  
Fax: 603.448.6127  
Website: [www.daysinn.com](http://www.daysinn.com)  
1.3 miles from LOH

### Grocery Stores

Lebanon Village Marketplace  
2 Mascoma Street  
Lebanon, NH 03766  
Phone: 603.448.9600  
0.2 miles from LOH

Price Chopper  
370 Miracle Mile  
Lebanon, NH 03766  
Phone: 603.448.3970  
2.0 miles from LOH

Hanover Consumer Co-Op  
12 Centerra Pkwy # 75  
Lebanon, NH 03766  
Phone: 603.643.6374  
3.1 miles from LOH

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### Drycleaners

Kleen Drycleaners & Linen Services  
1 Foundry St # 1  
Lebanon, NH 03766  
Phone: 603.448.1134  
0.3 miles from LOH

### Pharmacies

Rite Aid  
10 Benning Street  
West Lebanon, NH 03784  
Phone: 603.298.2878  
5 miles from LOH

CVS Pharmacy  
Upper Valley Plaza, Route 12A  
West Lebanon, NH 03784  
Phone: 603.298.8350  
5 miles from LOH

Walgreens (Open 24 hours)  
3 Airport Road  
West Lebanon, NH 03784  
Phone: 603.298.5796  
5 miles from LOH

Wal-Mart  
285 Plainfield Road  
West Lebanon, NH 03784  
Phone: 603.298.5014  
6 miles from LOH

### Banks

Mascoma Savings Bank \*  
67 North Park Street  
Lebanon, NH 03766  
Phone: 603.448.3654  
Drive up ATM available  
Next door to LOH

Lake Sunapee Bank \*  
106 Hanover Street  
Lebanon, NH 03766  
Phone: 603.448.2566  
ATM available  
0.5 miles from LOH

Bank of America  
63 South Main Street  
Hanover, NH 03755  
Phone: 800.432.1000  
ATM Available  
6 miles from LOH

Citizen Bank  
20 West Park Street  
Lebanon, NH 03766  
Phone: 603.443.4000  
Drive up ATM available  
Across the street from LOH

Ledyard National Bank \*  
42 Old Etna Road  
Lebanon, NH 03766  
Phone: 603.448.2220  
Drive up ATM available  
2 miles from LOH

## Lebanon Opera House Technical Specifications

### Restaurants within Walking Distance

Salt hill Pub \*

2 W Park Street

Lebanon, NH 03766

Phone: 603.448.4532

Website: [www.salthillpub.com](http://www.salthillpub.com)

Type: Irish Pub

Three Tomatoes Trattoria \*

1 Court Street

Lebanon, NH 03766

Phone: 603.448.1711

Website: [www.threetomatoestrattoria.com](http://www.threetomatoestrattoria.com)

Type: Italian

Lebanon Village Pizza \*

45 Hanover Street

Lebanon, NH 03766

Phone: 603.448.4255

Website: [www.villagepizza.net](http://www.villagepizza.net)

Type: Pizza

Peking Tokyo Restaurant

45 Hanover Street

Lebanon, NH 03766

Phone: 603.448.3888

Website: [www.pekingtokyorestaurant.com](http://www.pekingtokyorestaurant.com)

Type: Chinese / Japanese

The Lebanon Diner \*

24 Hanover St.

Lebanon, NH 03766

(603) 727-9751

Type: Diner (breakfast and lunch only)

### Restaurants within a Short Drive:

Lebanon Health Food Store

90 Hanover Street

Lebanon, NH 03766

Phone: 603.448.3700

Type: Deli

0.5 miles from LOH

Stone Arch Bakery

103 Hanover St # 18

Lebanon, NH 03766

Phone: 603.727.4680

Type: Bakery / Deli

0.5 miles from LOH

Gusanoz Mexican Restaurant

410 Miracle Mile

Lebanon, NH 03766

Phone: 603.448.1408

Website: [www.gusanoz.com](http://www.gusanoz.com)

Type: Mexican

2.2 Miles from LOH

Ramuntos Pizza

388 Miracle Mile

Lebanon, NH 03766

Phone: 603-448-1717

Type: Pizza, Calzones

2.2 Miles from LOH

Margaritas Mexican Restaurant

18 Centerra Pkwy

Lebanon, NH

Phone: 603.643.8800

Website: [www.margs.com](http://www.margs.com)

Type: Mexican

3.2 miles from LOH

Jesse's Restaurant & Tavern

224 Lebanon Street

Hanover, NH 03755.3224

Phone: 603.643.4111

Website: [www.jesses.com](http://www.jesses.com)

Type: Steak / Seafood

4.1 miles from LOH

\* An LOH Recommended Business