

Barre Opera House

Technical Specifications

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House

Orchestra: raked floor, 434 fixed seats, locations for 5 wheelchairs
Balcony: horse-shoe shape, raked floor, 209 fixed seats

Stage

Proscenium opening: 31'-11" wide, 22'-0" high
Wing space: 16'-6" stage left, 16'-4" stage right
Stage depth: 30'-5" P.L. to U.S. wall
Apron: 3'-5" P.L. to footlights (not functional)
Pin rail: Located stage right 20'-0" above the floor
Rigging: Hemp system, line sets functional, 1,000lbs. of sandbags (see section on line sets)

The stage floor is MDF board painted black. Sprung floor. Two functional traps, located center stage and up right center.

There is a stock hang on stage of black velour legs and borders. There is a black velour traveler 15'-0" from P.L. A 35'-0" neutral cyc is also available (condition is fair). A burgundy colored velour house curtain and valance are hung at P.L. The valance is on a working counter weight. A 12'-0" x 24'-0" thrust unit (plus two 4' x 8' sections), a 30'-0" x 30'-0" flexible dance floor (black marley), music stands and orchestra shell are also available. A Steinway baby grand is kept in the orchestra pit and a nine foot concert Steinway is stored USR.

Load-in

The theater is elevator equipped, stopping at all levels except the balcony, and can carry freight. The elevator opening is 3'-6" x 7'-0". The cab measures 5'-0" x 6'-10" x 7'-4". An interior staircase is also available. Access to this stairway and the elevator is through two exterior doors each measuring 6'-0" x 7'-4". NOTE: This elevator is a normal passenger-sized elevator. Nothing larger than one sheet of plywood will fit, and will have to be carried up the stairs (2 flights) to the theater.

Line set plot

<u>Batten</u>	<u>Distance US of Plaster Line</u>
house curtain (dead hung)	1'-0"
1. #1 electric	2'-6"
2. border	5'-6"
3. legs	6'-6"
4. #2 electric	7'-6"
5. border	10'-6"
6. legs	11'-0"
7. #3 electric	12'-6"
8. border	14'-6"
9. black traveler	15'-0" (dead hung, operated from SL)
10. legs	16'-0"
11. #4 electric	18'-6"
12. border	21'-0"
13. legs	22'-0"
14. OPEN	23'-3"
15. OPEN	25'-6"
16. full stage black	26'-0"
17. neutral cyc	26'-6"

Batten length: 38'-0" except line set 14 which is approximately 26'-0"

Lighting controls:

An ETC 48/96 computer board & monitor are located at the rear of the house, balcony level. There are currently 96 dimmers available for use.

Instruments:

6	750w 6x9
14	750w 6x12
25	500w 6" fresnels
17	750w 6" fresnels
3	3-circuit 6' 100w strips
7	3-circuit 300w strips
3	3 1/2
11	Par 36
1	1000w Times Square follow spot (incandescent)
32	1k Par 64
8	Source 4 – 10 degree
20	Source 4 - 36 degree
16	Source 4 – 26 degree
12	1k Ellipsoidals
12	Template holder A
12	Template holder B
12	Half hats for 10 degree lights

Power :

The main supply is 200 amps, 208 volts, three phase. There are two sub-panels and one fused disconnect box.

There are five outlets under the lip of the stage, each 20 amps per circuit. Additional circuits can be found in the stage wings as well as the rear of the orchestra and balcony.

NOTE: All power boxes painted red are dedicated for sound use only.

Sound equipment

- 1 Electro-voice BK 2442 24-channel mixing console
- 2 ART 173 15-band 2/3 octave stereo equalizers transformer balanced output
- 4 Altec lansing 930/904-86 16" duplex speakers (house speakers)
- 2 Electro-voice 7300 stereo 600 watt amplifiers
- 1 Electro-voice 100M Entertainer mixer amp 8-channel stereo 300W into 4 ohms
- 6 Electro-voice N/D 757B microphones
- 2 Shure 819 uni-directional condenser microphones (floor mics)
- 2 Electro-voice S-200 speakers (generally used as monitors)
- 6 AKG microphone stands w/ long boom arms

Additional tech equipment

- *3 single-muff headsets and belt packs, with base station located at light board. (Clear-com)
- *one rolling A' frame ladder with stick on stage, and assorted other ladders
- *8 booms and bases available (4-8', 2-6', 2-10')
- *one podium
- *marley dance floor

Dressing rooms

Six principle dressing room cubicles (hold 1-2 people each) and two chorus dressing room cubicles (hold up to 6 each) are located up one floor from the USL corner of the deck. They are accessible by stairs or elevator. Two additional small, low-ceiling dressing rooms are located under the stage. Both areas have access to backstage. The dressing rooms are equipped with counters, mirrors, adequate light and toilet facilities. The upper dressing room area is accessible by elevator and is equipped with toilets and one shower.