

**Ellen Eccles  
Theatre  
Equipment List  
and  
Specifications  
Sheet**

Revised 7/2008

## House:

Satisfactory sightlines, excellent acoustics. Beautifully restored classic opera house architectural features.

Capacity: 1110

630 orchestra (continental seating)

240 Mezzanine and Box seating

230 Balcony (radial seating)

## Stage:

Proscenium configuration. Opening is 36' wide x 27' high. Stage is 38 ½' from proscenium to back wall, and 44 ½' from the apron to the back wall. Crossover provided by corridor behind stage. Wing space stage left=16' wide x 30' deep x 16' high. Wing space right= 14' wide x 34' deep x 22' high. Center Stage to Stage Right Wall- 31' 9". Center to Stage Left wall 34'. Floor is ½" particle board, over pine tongue and groove lumber, over wood battens, over concrete. Free of all splinters and suitable for dance. Finished with black semi-gloss paint.

There is also a Marley dance floor available for rental.

## Fly System:

Single counterweight system. Total of 40 battens, 6" on center (see schedule). Battens are 1-1/2" schedule 40 black pipe x 52' long, with 6 loft lines of 1/4" cable. 5 battens (#2, 10, 17, 24, 32) are dedicated electrics and cannot be moved. 4 battens (#5, 12, 19, 27) are dedicated work lights/ 12 circuit electrics, but can be used as a bare batten. Maximum total capacity of arbors is 1400 pounds. We have 13,900 lbs. of counter weight total. Purchase lines are all 3/4" double braid dacron over polyester. Maximum high trim for all battens is 60' from the stage. Masking is standard at 22' high. Grid is 66' off the deck.

## Drapery:

Main drape consists of two 22' wide x 30' high panels of 25 ounce red velour with 50% fullness. Guillotine ONLY, does not travel.

Rigged on dedicated lineset DS of lineset #1.

12 legs-8' wide x 30' high, 21 oz. black velour, no fullness

5 Borders-52' wide x 10' high, 21 oz. black velour, no fullness

1 Blackout Curtain- (2) 26' x 30', 21 oz. black velour, no fullness

1 Cyc-50' wide x 30' high, light blue seamless muslin.

1 Black Sharktooth Scrim - 50' wide x 30' high

## **Misc. Equipment:**

2 loading docks with 1 dock plate, +34" above grade, overhead roll doors are 8' wide x 8'6" high.

Loading/storage area is 36' x 30' x 22' tall, adjacent to stage right and accesses stage through a 12' wide x 22' tall sound door.

1-32' genie personnel lift

## **Dressing Rooms:**

Basement level– 4 single rooms

1 pink plastic chair each with all amenities, except no toilet, restroom is "down the hall".

2 chorus rooms

female accommodates 16

male accommodates 12

Both have showers, toilets, mirrors, light bars, counter and storage space.

Stage level– 2 double rooms with all amenities.

Upper level – 5 single rooms

2 pink plastic chairs each

similar to the basement level.

All dressing rooms are equipped with costume racks and intercom page and program monitors.

## **Support Spaces:**

Rehearsal Room– located above loading/storage area. 35' x 40' with lightweight concrete floor. Equipped with upright piano.

Orchestra Pit/Green Room – located below stage apron, 7' below stage level, on three levels, total area is 35' W x 22' L and will accommodate approximately 40 musicians. Pit is equipped with 36 chairs, 49 Wenger music stands, 50 stand lights, conductor's stand, podium and stool. The Green Room is 22' x 21' furnished and carpeted and has a refrigerator and microwave. The wall between rooms can be removed and pit becomes 30'-22' W x 45' L.

Laundry room– located in basement level, with washer, dryer and utility sink.

Wardrobe room– 24' x 32', with fixed and portable costume racks, tables, irons and steamer.

Wig and make-up room– 10' x 14' with 2 stations, 3 mirrors, and sink.

Elevator-Opening: 4' Wide x 7' Tall. Inside: 8'2" deep x 5'9" wide x 7' 7" tall.

## Electrics:

- Control– ETC ION and Horizon Gold Edition
- Dimmers– 288 Teatronics MDE224, 2.4Kw each. DMX starting address assignable.
- Circuits– 288, 60@ FOH, 54 @ onstage, 174 @ overhead electrics. 16 @ additional 4-circuit electrics onstage. Specifics available upon request.
- Fixtures– 64 Altman 20-40 degree Zooms 750W  
20 Altman 20 degrees 750 W  
10 Altman 6 x 9 Lekos  
20 Source 4 15-30 degree Zooms 575 W  
58 Source 4 pars 575 W  
27 Source 4 36 degree (6x9) lens 575 W  
8 Altman 2 cell Sky Cyc  
84 Par 64 1000W  
5 MR-16 8' ministrip, 4 circuit striplights  
10 MR-16 "birdies" w/ barn doors  
2 Lycian 1209HP spotlights with 575 HMI-GS

Company Switch is located USR, 208 VAC, 3 phase, 600 Amps/leg.  
10- 8' lighting ladders

## House Sound System:

- 1- Yamaha 01v96 digital console w/ 8 additional outboard inputs
- 1- Allen and Heath MixWizard WZ 16:2DX
- 1– Mackie 1402 VLZ PRO
- 1– RaneSM26 splitter mixer
- 4– Rane ME60- Stereo 1/3 octave graphic EQ
- 4– dbx 166 stereo comp/limiter
- 1– Aphex aural exciter
- 1– Klark Technik DN716 2 channel digital delay
- 2– Rane AC23 crossover
- 6– Crown Macrotech 600 power amp
- 2– Crown Macrotech 1200 power amp
- 1– Turbosound Contractor Series 151C Center Cluster
- 4– Turbosound Contractor Series 151C Main Speakers
- 2- Turbosound Contractor Series 118c Subwoofers
- 4– Turbosound Contractor Series - 20, Under Balcony speakers
- 3– Turbosound Contractor Series 081c , Over Balcony speakers
- 3- Turbosound Contractor Series – 20 On Stage Center Fill speakers
- 2- Turbosound 12" stage monitors w/ speakon cable
- 4– Ramsa A200 Stage Monitors with kickbacks w/ ¼" barewire cable
- 1– Marantz PMD-340 CD Player

1- Gemini CFX-40 Dual Deck CD Player

Please Note: Theatre is not equipped with reel to reel or DAT decks, nor any type of recording equipment.

Isolated Sound Power Disconnect located DSL, 208VAC, 3 phase, 100 Amp/leg, distribution box available.

## **Sound: Misc.:**

Mics:

- 2- Shure Beta 58
- 1- Shure Beta sm58
- 2- Shure Beta 57
- 4-Sennheiser E835
- 2-Sennheiser E845
- 2-Sennheiser EW 135-G2 wireless receivers and transmitters
- 1- Shure UC series SM58 handheld transmitter
- 1- Shure UC series wireless receiver
- 1- Shure UC series body back transmitter
- 1- Sennheiser MKE2 microphone for body pack transmitter.
- 1- 588 SD Shure IV #00488
- 4- Peluso matched condenser mics, in stereo pairs
- 4- Octava MK- 012-01 w/ pad capsule
- 3- Crown PCC160 w/cables
- 1- Gooseneck Radioshack Mic

Mic Clips:

- 4- Shure old style 57 clips
- 1- Shure 58 clip
- 1- Shure wireless clip
- 2- New Shure clips

Various others

Misc. Sound:

- 1- Proco AV1 passive direct box
- 2- CBI direct boxes
- 1- Sony MDR- 7506 Dynamic Stereo Headphones
- 10- K&M boom mic stands
- 3- straight mic stands
- 4- Ultimate speaker stands
- 4- 2 space security racks
- 5- 1 space security racks
- @1000' Canare starquad mic cable, misc. adapters, sub snakes, etc.

## Communications:

All equipment is Clear Com unless otherwise indicated

- 1-Clear Com WBS – 670/4 Wireless system with 4 Belt packs.
  - 1-Clear Com WBS – 670/2 Wireless system with 2 Belt packs.
  - 1– MSA 400A main station, DSL @stage manager desk
  - 1– RM 400A remote station @ light booth FOH
  - 1– PS454 aux power supply
  - 1– MX840 8x40 matrix (channel/station patch)
  - 16– KB 112 speaker/mic station, dressing room and annex monitors
  - 1– KB111A speaker/mic station @basement office
  - 1– MR102A headset station, lightbooth FOH
  - 11– RS501 single channel beltpacks
  - 2– RS502 dual channel beltpacks
  - 7– CC75 headsets – blue
  - 8– CC85 headsets- black
  - 2– HS6 handsets
  - 3– RMK-1
  - 2- 6 pin to 2x3 in splits
  - 1– Mackie 1202 mixer for headset and program monitor routing
  - 1– Crown Comtech 200 70V power amp. For lobby and backstage corridor and restroom program monitors.
- (Jacks are distributed throughout the facility, call for specifics.)

## Miscellaneous:

Cable inventory:

- (5) red 50' mic
- (2) red 25' mic
- (2) 50' x 8 channel subsnakes
- (4) 50' speaker cables Speakon-1/4"
- (2) 25' speaker cables 1/4-1/4"
- (7) Edison M/pin F adapters
- (8) Edison F/pin M adapters
- (8) twofers
- (9) 10' pin
- (7) 20' pin
- (5) 30' pin
- (8) 50' pin
- (17) patch cords TRS/TRS
- (4) MXLR/TRS
- (6) FXLR/TRS
- (2) MXLR/MXLR
- (4) FXLR/FXLR
- (2) XLR phase reverse

(2) FXLR/TRS splitters  
(23) Road hog with red sleeve 25' mic cable

(1) Upright Yamaha piano for stage rehearsals  
(1) 7' Grand Schimmel piano for concerts (requires \$250.00 rental fee)  
(1) LeMaitre Neutron Water-Based Hazer

Some additional Hardware, Cabling, etc. may also be available. For specific questions please contact the Technical Director at [ccastillo@centerforthearts.us](mailto:ccastillo@centerforthearts.us)

## Line set schedule

Line	Prosc.	Standard House Hang	Weight (lbs.)	Bricks	Notes
0	1'0"	Grand Drape	N/A		
1	1'6"				
2	2'6"	#1 Border	100	4	
3	3'0"	#1 Legs- 15'	50	1.5B	
4	4'6"	#1 Electric		14B	
5	5'6"	#1A- 12 Circuit electric	460		Hardwired
6	6'6"	#2 Border	100	4	
7	7'0"				
8	7'6"	#2 legs	50	1.5B	
9	8'6"	#2 Electric		16B	
10	10'0"				
11	10'6"				
12	11'6"	#2A- 12 Circuit electric	460		Hardwired
13	12'6"	#3 border	100	4B	
14	13'0"	#3 Legs	50	1.5B	
15	13'6"				
16	14'0"				
17	15'0"	#3 Electric		16B	
18	17'0"				
19	18'0"	#3A – 12 Circuit electric	460		Hardwired
20	19'0"	#4 Border	100	4B	
21	19'6"	#4 Legs	50	1.5B	
22	20'0"				
23	20'6"				
24	21'6"	#4 Electric		17.5 B	
25	23'0"				
26	23'6"				
27	24'6"	#4A- 12 Circuit electric	460		Hardwired
28	25'6"	#5 Border	100	4B	
29	26'0"				
30	26'6"	#5 Legs	50	2B	
31	27'0"	Black Scrim	50	2B	
32	28'6"	#5 Electric		7.5	
33	30' 6"	#6 Legs	50	2B	
34	31'0"				
35	31'6"				
36	32'0"				
37	32'6"				
38	33'0"	Blue Cyc	100	4B	
39	33' 6"	Full Stage Blackout	180	6B	
40	34'0"				Hits Air Duct