

# Peabody Auditorium Stage Technical Information

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## Lighting System:

### DMX 512

- All Connectors 3 pin stage type (20A 2p&g)
- All FOH, Box Boom & 1<sup>st</sup> Electric positions are connected through road patch; 2<sup>nd</sup>, 3<sup>rd</sup>, are on 2 p&g bus drops
- 107 4kw dimmer rack: NSI Colortran I96 and Colortran I24 for Orchestra Shell
- Strand GSX memory console (100 channel 200Q/24 submasters x 5 pages)
- Also available: NSI MC7524 (32 submasters)
- Hardwired circuits: 28 @ FOH; 8 @ each Box Boom; 40 @ 1<sup>st</sup> electric
- 3 Run of DMX from stage to lighting booth. DMX 512 Opto Isolator

## House Instruments:

- 48 Par 64 1kw
- 24 6x9 ellipsoidal spotlight (lekos) 1 kw
- 28 6x12 lekos 1 kw (stage) plus 12 (6 each side) at Box Booms
- 28 6x16 lekos 1kw at FOH ceiling cove
- 6 Altman "Far Cyc" 3 color 1 KW cyc lights
- 2 Xenon Strong Super Troupers (in projection booth rear of balcony)

Two company drops: each 400A 120/208vac 3-phase fused disconnect (off stage right)

## Sound Reinforcement System:

- House mix console: Soundcraft Venue II 32 in x 8 group x 2 mix +\_ 6 aux (1-4 pre and 6 & 5 post (4 stereo returns)
- 28 stage mic sends to balcony mix position (7 each corner of stage)
- 28 channel 3-way mic splitter to DSL box and to balcony monitor mix position, directs are to house mix console
- Center overhead cluster: Furman 3-way Crossover:
- Lows: 2 - JBL 18" woofers on Crown 2402
- Mids: 2- JBL 15" mid-range on Crown 2402
- Highs: 4 - 2" drivers on 2 wide and 2 narrow (balcony) horns on Crown MT600
- Two rows Bose ceiling speakers under balcony on 65 and 75 msec. Delays
- Six monitor wedges: JBL Cabaret 4602B, E120-12", 2505-bullet powered by three Crown MT 1200

- House reinforcement feeds through one Symetrix 501 limiter and two Klark-Technic 31 band graphic equalizers
- One Tascam 122 MK3 cassette deck
- House Outboard Gear: One Alesis "Microverb III" 256 preset digital reverb
- Compressors: Two Alesis 3630
- One Berenger Auto Com Pro, One Berenger Auto Com
- Three Art 355 Dual 31 band graphic equalizers
- Microphone Complement:
  - six Shure SM58
  - two Shure SM18 "mice"
  - two AKG w/ CK1, CK2, & CK8 capsules
  - three AKG 535
  - three AKG 310
  - two Beyer MCE5 lavs
  - one Horison 58 type with switch
  - one D112
  - four SM 57
  - two Cetec-Vega Pro+ Diversity handheld wireless (170.25 & 171.905 MHz)
  - four PCC 160 floor mics
  - three Rapco DI's
- Telex AATI assistive listening system fed by house mix
- Tie Lines: six DSL sends to amp rack, eight returns from house mix to DSL & DSR

**Production Communication:**

- Telex intercom system at SMP to:
  - two flyrail
  - One DSR
  - One lighting console
  - Two spotlights
  - One sound mix
  - One front office
  - One Box office
  - One DSL aux
  - One backstage production office
- Bal/unbal adapter to ClearCom; 8 beltpaks, 6 headsets, 1 biscuit, and 2 handsets
- TOA mixer amp #1 at SMP to lobby with chime, House monitor mic, and SMP announce
- TOA mixer amp #2 at SMP to dressingrooms, lighting booth with spots, backstage production office, and Atlantic room backstage
- SMP Audio Mixer: Alesis 12R 8 + 2 stereo ins; mic lines from stage boxes (3 per corner of stage) with feeds to main amp rack

**Projection Equipment:**

Bell & Howell 16mm, Eiki 500w Xenon 16mm, in spot booth; stage screen 20' x 30'

**Stage Drapes:**

Black Velor; four sets legs 28" four borders 10x60, two fill stage travelers 28', one 30x60 Rosco "Cyc Screen" (white), maroon main curtain (lineset #2), Fire curtain (lineset #1) (maroon valance hung from same)

**Stage Counterweight System:**

- Single purchase 8: O.C. Tee track, 8' arbors

- Operates from stage left at deck level, 2 bridges
- 35 total linesets

**Grid Height: 51' high trim out 44'0"**

**Orchestra Riser: Wenger 4' x 8' folding type:**

Five 8" high  
 Seven 6" high  
 Nine 24" high  
 100 stacking padded chairs  
 100 Wenger music stands  
 25 stand lights  
 3 30" padded stools  
 1 4' x 4' conductor podium

**Orchestra Shell:** Wenger full stage enclosure; 10 walls and 4 ceiling pieces, built-in overhead fixtures distribute 18k quartz lighting, 3 entrance door sets per side

**Orchestra Pit Cover:** Manual 9' x 47'

**Pianos:** Steinway Concert Grand

**Stage Power:**

One 400 amp three-phase for lighting  
 One 400 amp three-phase for sound

**Stage Dimension:** Proscenium: Height: 22'0"  
 Width: 47'0"  
 Stagehouse: Width: 82'0"  
 Depth: 35'0"  
 Apron: 3'3"

**Loading Dock:** Upstage Right rear wall through 9' x 14' rollup door at stage floor level; covered 12' x 15' dock @ 14" above rear parking lot level

**Dressing Rooms:** Two star and Green Room offstage left at stage level, Three chorus and two smaller off stage left and 1 flight up

Washer and Dryer and 3-bin sink for hand washables are available for production use

ADEQUATE PARKING FOR PRODUCTION VEHICLES IS AVAILABLE

## LINESET SCHEDULE

Lineset #	Use	Distance
	Upstage edge of proscenium opening	00'0"
00	Fire Curtain /main valance	00'6"
01	Main Curtain	01'4"
02	#1 Electric (permanently wired)	02'4"
03	Open lineset	03'4"
04	#1 Orchestra shell ceiling (permanent)	04'6"
05	Border or open lineset	06'6"
06	Legs or open lineset	07'10"
07	Open lineset	09'8"
08	Mid-stage black traveler (permanent)	10'3"
09	Open lineset or projection screen	10'8"
10	Open lineset	11'6"
11	#2 Orchestra Shell ceiling (permanent)	12'4"
12	Border or open lineset	13'3"
13	Legs or open lineset	14'0"
14	#2 Electric	15'2"
15	Open lineset	15'10"
16	Open lineset	17'2"
17	Open lineset	17'6"
18	Open lineset	17'11"
19	Open lineset	18'7"
20	Legs or open lineset	19'2"
21	#3 Orchestra shell ceiling (permanent)	20'0"
22	Border or open lineset	21'2"
23	3 <sup>rd</sup> Electric	22'4"
24	Open lineset	23'3"
25	Open lineset	23'9"
26	Legs or open lineset	24'2"
27	#4 Electric (Cyc lights)	25'2"
28	Open lineset	26'2"
29	#4 Orchestra shell ceiling	27'4"
30	Open lineset	29'0"
31	Open lineset	29'8"
32	Open lineset	30'4"
33	Open lineset	31'2"
34	Upstage Black Traveler	32'4"
35	Cyc (Rosco cyc screen)	32'10"

All pipes fly out to 44' above stage deck  
 Proscenium arch opening: 47'0" & 22'0" high  
 Stage apron edge to rear wall: 38'  
 Centerline to SL locking rail: 38'  
 Centerline to SR wall: 40'