



C O L U M B I A
T H E A T R E

FOR THE PERFORMING ARTS

2016/2017

Technical Specifications

FOH Sound System

FOH Mains:

- 2- Meyer MSL-4 (1 Above, 1 Below) + 1- Meyer DF-4P per side
- 2- Meyer PSW-2 Dual 15" Subwoofers
- 2- Meyer UPM-1P Center Fills (Optional)
- 25- TOA F-121CM Ceiling Fills (10 Under Balcony, 15 Above Balcony) [Optional]

FOH System Processing:

- Peavey Media Matrix X-Frame 88. [For Routing, LPF/HPF, and Delay Only. No Dynamics or EQ done in the Media Matrix.]
(Center Fills not processed through Media matrix)

FOH Sound Console:

- Yamaha M7CL-48 running firmware V3.56. Located in balcony mix position. Clocked externally via Apogee Big Ben at 48k. Additional mix position located at the rear of main seating area. (Under Balcony)

FOH Snakes/Inputs:

- 28ch to FOH via wall mounted and floor pocket inputs
- OR**
- 50' 32ch Snake to FOH via Mass Connector in SR Audio Rack. (Additional drop snakes available)
- 28ch Split for Monitor Mix (Optional)
- 32 Inputs x 16 returns at balcony FOH mix position.

Monitor System:

**Separate Monitor Mix (Optional)

**Monitor Console:

-Soundcraft Series Two 32x8

**Monitor Mix EFX/Dynamics:

1-Lexicon MX300

1-Yamaha SPX 990

6- DBX 266XL Comp/Gates

**Monitor EQ's:

-6ch of 31 band graphic EQ

Monitor Speakers:

4- JBL SR4702X (Passive)

4- Yamaha DSR112 (Active)

Monitor Amplification:

2- Crown XLS 802 (For JBL SR4702X)

Microphone/D.I. Stock

4- Shure SM-57

2- Shure Beta-57

2- Shure SM-81

6- Shure Beta-58

5- Shure Beta-87

2- Shure Beta-52

1- Shure Beta-91A

3- Sennheiser E-604

2- Sennheiser MD-421

2- Sennheiser E-906

4- AKG C-430

2- AKG C-414B-TL-II

2- Audio Technica AT-4033

1- Blue Baby Bottle

3- Crown PCC-160

2- Electro Voice EV-635A

2- Audio Technica U853A

3- Shure MX 202 B/C

6- Countryman Type 85 DI

1- Whirlwind Direct2 Stereo DI

Wireless Microphones

Shure ULX Series Wireless with:

1- Handheld with SM-58 Capsule

Stage Lighting

Instruments

- 76- Strand SL Zoom 25-50 Degree (575W)
- 20- Colortran 15 Degree (1,000W)
- 24- Strand 6" Fresnel (1,000W)
- 12- Strand 8" Fresnel (2,000W)
- 20- ETC PAR (750W)
- 4- ETC Source 4 w/ 26 degree barrel (750W)
- 6- Strand 10 Degree (575W)
- 6- L&E Broad Cyc three cell Units (1,000W)
- 2- Strong Super Trouper Follow Spots (2,000W)
- 1- ETC Revolution
- 1- ETC Source4 with 14 degree barrel (750W)

Dimmers:

- ETC Sensor Dimmer Rack with 187 available dimmers

Console:

- ETC Expression 3 / 400 with remote focus unit

DMX Second Universe:

Second Universe Outlets are located as follows:

- 6 Outlets in Repeater SL
- 1 Outlet on the Grid
- 1 Outlet in FOH Cove
- 1 Outlet on Balcony Rail

Company Switches

Company Switches are located stage right

- 400 Amp Company Switch with Cam Lock or Tie In
(G/N/N/A/B/C)
 - 200 Amp Company Switch with Cam Lock or Tie In
(G/N/A/B/C)
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Production Communications

- All positions are equipped with 2ch wired Telex Audiocom.
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Counterweight Rigging System Specifications

Proscenium Dimensions

- Proscenium Width/Opening = 31' - 6".
 - Proscenium Height = 20' - 22' - 20' (Arched at Center)
 - Counter-weight system is double purchase.
 - Weight limit of Batten is 750 lbs.
 - Arbor weight limit is 1500 lbs.
 - Batten length is 38'.
 - Batten Trims:
 - In = 4' from stage floor.
 - Out = 50' from stage floor.
 - Line Sets 5, 12, and 18 are wired as permanent electrics.
 - Battens 28 through 32 are dead-hung upstage of the fly tower.
- After line set 27, there is a opening in the brick wall

32'-6" wide x 18'-0" high.

-Grand Drape can guillotine or travel.

-There is a 3'-0" cross-over after batten #32.

LINE SET SCHEDULE

Line Set	Measurement	Notes
1	1'-9"	
2	2'-5"	
3	3'-1"	
4	3'-9"	
5	5'-1"	1st LX
6		DS Side Tab
7		DS Side Tab
8	7'-1"	
9	7'-9"	
10	9'-1"	
11	9'-9"	
12	11'-1"	2nd LX
13	13'-1"	
14	13'-9"	
15	14'-5"	
16	15'-1"	

Line Set	Measurement	Notes
17	15'-9"	
18	17'-1"	
19		US Side Tab
20		US Side Tab
21	19'-1"	
22	19'-9"	
23	21'-1"	
24	21'-9"	
25	22'-5"	
26	23'-1"	
27	23'-9"	Last flying batten
28	27'-11"	Dead Hung at 18'
29	31'-6"	DH track at 18'
30	32'-8"	DH Track at 17'
31	33'-10"	DH Cyc on track
32	34'-10"	DH Black Trav

Soft Goods Inventory

Quantity	Type	Dimensions	Notes
1	Grand Valance	38'w x 8'h	Ruby Crescent
1	Grand Drape	40'w x 24'h	Ruby Crescent
3	Border	38'w x 8'h	Black Crescent
8	Leg Panels	8'w x 24'h	Black Crescent
1	Black Scrim	36'w x 24'h	
1	Cyc/Front or Rear Screen	38'w x 24'h	Pro Cyc
1	Cyc for pipe #31	36'w x 16'h	Pro Cyc
4	Acoustic ceiling panel	38'w x 4'h	Pro Cyc
2	Traveler	40'w x 24'h	Black Crescent
1	Traveler	40'w x 18'h	Black Crescent

Misc Equipment

Quantity	Type	Dimensions	Notes
6	Alum. Frame Riser	4' x 8'	Multiple leg heights
8	Dance Floor Rolls	4'-6"x 40'	Black or White
8	Wenger Legacy Shell	6'w x 15'h	Shell wall painted black
80	Wenger orch. chairs	N/A	N/A
80	Wenger Music Stands	N/A	N/A

Backline Inventory List

1- Steinway Model D 9' Concert Grand Piano

1- Drum Set:

Yamaha Maple Custom Absolute in natural finish complete with hardware, bass pedal, and throne. Kit can be configured to your specs (i.e. 4 piece, 6 piece)

Shell pack:

20" x 16" Kick

16" x 16" Floor Tom

14" x 12" Floor Tom

12" x 10" Rack Tom

10" x 9" Rack Tom

14" x 5½" Snare

House Cymbals:

20" Sabian AXX Stage Ride

18" Sabian AXX Dark Crash

16" Sabian AXX Stage Crash

14" Sabian AXX Stage Hi-Hats

1- Fender Twin Reverb 1965 Reissue

1- Roland JC-120

1 Hartke 4000 Bass Amplifier

1- Hartke 4x10 Bass Cab