



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

FOR THE PERFORMING ARTS

2014/2015

## 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 latest firmware V3.55. Located in balcony mix position. 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.
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## 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)

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## Microphone/D.I. Stock

4- Shure SM-57

2- Shure Beta-57

2- Shure SM-81

5- Shure Beta-58

5- Shure Beta-87

1- Shure Beta-52

1- Shure Beta-91A

3- Sennheiser E-604

2- Sennheiser MD-421

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

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## Wireless Microphones

Shure ULX Series Wireless with:  
1- Handheld with SM-58 Capsule

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## 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

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## 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

<b>Quantity</b>	<b>Type</b>	<b>Dimensions</b>	<b>Notes</b>
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

<b>Quantity</b>	<b>Type</b>	<b>Dimensions</b>	<b>Notes</b>
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