

Bell Performing Arts Centre

June 2020

Technical Information Sheet

Seating

Balcony	324 seats + 4 Wheelchair locations
Orchestra	728 seats + 6 Wheelchair locations
Total	1052 seats + 10 Wheelchair locations

Stage Dimensions

Proscenium Opening	50 feet wide x 25 feet high
Curtain Line to Rear Wall	34 feet 6 inches
Curtain Line to Orchestra Pit Line	7 feet 7 inches
Curtain Line to Front of Apron	15 feet 5 inches
Centre Stage to Stage Left Wall	49 feet 10 inches
Centre Stage to Stage Right Wall	47 feet 10 inches
Stage Floor to Underside of Grid	67 feet 6 inches

Stage floor is maple hardwood flooring painted black.

Entire stage floor (including wings and stage apron) is sprung.

There are a variety of trapped areas of the stage. Any use of the traps must be approved in advance by the Technical Director.

Any screwing in or painting of the stage floor requires advance approval.

Rigging

Single purchase counter weight system with 43 lines including two dedicated to electrics and two dedicated to an orchestra shell. Line sets are 8 inches on centre. Locking rail at stage floor level and gallery level on stage left. Pin rails at gallery level on stage right and left.

Max. Flying height (except electrics)	66 feet 6 inches
Pipe Length	70 feet
Arbour Capacity of Each Pipe	1400 lbs

Stage Drapery

Main Curtain - Red Velour Drape with Teaser on Traveler track. Operates as traveler or guillotine.

Stage Masking	- US Full Stage Black Drapes	(2 @ 36 feet wide x 30 feet high)
	- Mid Full Stage Black Drapes	(2 @ 36 feet wide x 30 feet high)
	- 10 Black Legs (5 sets)	(8 @ 17 feet wide x 30 feet high)
		(2 @ 20 feet wide x 30 feet high)
	- 5 Black Velour Borders	(5 @ 68 feet wide x 10 feet high)
	- 1 white Cyclorama	(1 @ 64 feet wide x 28.5 feet high)

** Please note there are no traveler tracks other than the main drape and there is no scrim.

Lighting

Total Number of Stage Lighting Circuits 530
Total Number of Stage Lighting Dimmers 384 (all 2.4 kW dimmers)

ETC Eos Ti Console with wireless remote

8 Elation Powerspot 700 CMY moving light fixtures
22 Chauvet Rogue R2 LED Wash moving light fixtures
21 SL Punchlight 220 LED Wash fixtures
5 ClayPaky Axcor 400 Profile LED moving light fixtures
4 ETC 750W Source Fours @ 10°
58 ETC 750 W Source Fours @ 19°
8 ETC 750 W Source Fours @ 26°
60 ETC 750 W Source Fours @ 36°
32 ETC 750 W Source Four Zooms @ 15° - 30°
32 ETC 750 W Source Four Zooms @ 25° - 50°
24 Selecon Aurora Cyc lights (4 colour top light)
18 Selecon Aurora Cyc lights (3 colour ground row)
3 Robert Juliat Korrigan 1200 W HMI Followspots

Sound

Digico SD8 FOH console
Digico SD9 Monitor console

Meyer M'elodie Line Array consists of 9 boxes each per side
3 Meyer HP 700 Subwoofers (Cardioid Sub Array)
4 Meyer CQ-1 Powered Speakers (2 as deck fill on either side of stage)
2 Meyer USW-P Powered Subwoofer speakers (Sidefill)
9 Meyer UPM-1P Powered speakers used for Balcony and Orchestra "Fill" Speakers

4 Meyer MJF-210 Powered Monitor Speakers
6 Meyer MJF-212A Powered Monitor Speakers
4 QSC HPR 152i (Sidefill)

2 Denon Auto Stop CD Players

8 Channels of Sennheiser Evolution Series Wireless Microphones
(Handheld, Headset or Lavalier style microphones available)
5 AKG 535 Condenser Microphones
4 Shure SM58 Dynamic Microphones
4 Shure Beta 58 Dynamic Microphones
6 Shure SM57 Dynamic Microphones
3 Sennheiser 905 Microphones
3 Sennheiser 604 Microphones
1 Sennheiser 602 Bass/Kick Drum Microphone
1 AKG D112 Bass/Kick Drum Microphone
4 Shure KSM32 Condenser Microphones
3 Crown PCC-160 Boundary Microphones
6 Crown CM-30 Miniature Supercardioid Condenser Microphones
8 Single and 2 Stereo Passive DI's
Assorted Standard and Short Boom Microphone Stands

Communication

- 1 Clear Com PL Pro MS-440 4-channel Main Station
- 6 Clear Com Belt Packs with Single Muff Headsets
- 4 Clear Com DX210 Wireless Headsets

Video

- 1 Christie Digital D16WU-HS Video Projector
 - 15,500 ANSI lumens
 - WUXGA resolution
 - Laser phosphor projector
- 1 Draper Front Projection Screen
 - 26 feet x 16 feet
 - Flies 3' 4" upstage of Main Drape
- 2 Christie Mirage DS+6K-M Video Projector
 - 6300 ANSI Lumens
 - SXGA Resolution
- 2 Stewart Front Projection Screens
 - 14 feet 6 inches x 10 feet 10 inches
 - Electronic Roller Screens
 - Mounted above stage at Proscenium

- 2 Denon Blu-ray Players
- 1 Pan/Tilt/Zoom Camera mounted to view the stage
- Backstage and Lobby video monitors

- Crestron Show control system with wireless remote

Miscellaneous

- 1 CIBC Steinway 9 foot Concert Grand Piano Model "D" (additional charges apply)
- 2 Yamaha U5 upright pianos (52 inch) One with Black finish, One with Maple finish.
- 100 Manhasset Music Stands
- 7 Wenger Signature 4 step Choral Risers with railings
- 1 Wenger Diva Acoustical Shell (Please contact Technical Director regarding use)
- 54 – 3'x8' risers with accompanying folding seating system. Risers may be used separately at various heights. Contact Technical Director for more information.
- 70 Black Upholstered Armless Stacking Chairs
- 300 Folding Burgundy Chairs
- 2 Lecterns

Dressing Rooms

- North Dressing Rooms Capacity
 - Principal 5
 - Chorus 16
- South Dressing Rooms Capacity
 - Principal 4
 - Chorus 26