

St. Lawrence Centre - Tech Specs – Bluma Appel Theatre

Seating capacity

Orchestra 531 (529 + 2 wheelchairs w/guests)

Dress Circle 319

Boxes 26 (22 + 2 wheelchairs w/guests)

Total 876

Seating Notes

- Orchestra section is accessible to handicapped and wheelchair patrons via handicap lift in the lobby. Lift is suitable for standard wheelchairs only, and will not accommodate motorised varieties.
- Orchestra seating includes 49 Seats which are removed when Orchestra Pit is in use.
- Infrared Hearing System is available for up to 20 hearing impaired patrons.

Dressing Rooms

9 Equipped

#1 12 persons

#2 6 persons

#3 is a Green Room

#4 #5 #6 3 persons each

#7 #8 #9 3 persons each

Stage Dimensions

Proscenium Opening

Max. Width 48' / 14.63m

Min. Width 40' / 12.19m

Max. Height 25'6" / 7.77m

Min. Height 21'6" / 6.55m

Apron Edge to US Wall 46'10" / 14.27m

Apron Edge to Line Set #1 7'1.25" / 2.16m

Apron Edge to Line Set #9 11'1.25" / 3.39m

Centre Line to S/R Arbour Cage 51'3" / 15.62m

Centre Line to S/R Fly Rail 47'6" / 14.48m

Centre Line to S/L Wall 54'7" / 16.64m

Clear Height S/R Wing 19'6" / 5.94m

Clear Height S/L Wing 21'6" / 6.55m

Clear Height US Wall 12'10" / 3.91m

Stage Floor to Underside Grid 74'10" / 22.81m

Front of Thrust to Line Set #9 19'7 ½" / 5.98m

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Fly Information:

Line Sets #1 - #70 on 6" Centres
(Note: #5 does not exist)
2 Apron Winches (1000 lb/450kg)
1 FOH Winch (500 lb/225 kg)
Loading Capacity 1000 lbs /450 kg
Occupied Lines #4 Plugging Strip, 1st Electric
Total Fly Height 72' / 21.95m approx.
Length of Pipes 70' / 21.34m
Operation Position S/R Fly Gallery

Stage Floor:

3/8" Recycled Polyboard on 3/4" Hardwood

Traps:

46 - 3'10" x 4' / 1.17m x 1.22m (traps vary slightly in size)

Trap Height:

8' / 2.44m (to underside of centre beam across width of stage)
8'8" / 2.64m (to underside of steel beam under actual traps)

Drapery:

Red Velour curtain 64' x (split 35' side x 32' high)
5 sets of legs – Black Velour – 16' wide x 36' high
1 set of legs – Black Velour – 24' wide x 36' high
6 borders – Black Velour – 70' wide x 16' deep
1 Black Backing – 50% fullness – 70' wide x 36' high (split)
1 Black sharkstooth scrim – 70' wide x 35' high
1 White scrim – 70' wide x 35' high
1 PVC cyc – 70' wide x 36' high

Other:

Two 1 ton chain motors (80' of chain)
2 house traveler tracks (box track) – 64' long

Additional Equipment:

Orchestra Pit

(semi-circular)

Width	11'10" / 3.61m
Length	42' / 12.80m
Depth	3'6" / 1.07m (below Stage Floor)
	5' / 1.52m (below Auditorium Floor)

Access to Pit - Trap Room Corridor
Accommodated Musicians 20

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Doors

8'10" W x 9'4" H / 2.69m x 2.84m
2'7" / 0.79m above ground

Wardrobe Maintenance

(subject to availability)

Equipment: 2 Washing Machines
1 Industrial Steam Iron
2 Dryers
1 Iron/Ironing board
1 Drying Cabinet
1 Sewing Machine

Communications

Clearcom 9 Stations: Headsets with belt packs

Lighting System

Booth - Rear Right Balcony

Control System: Strand 550 (I)
1000 Cue Capacity/show (10 shows)
500 Control Channels

Dimmers: 414 @ 2 KW
8 @ 6 KW

Circuits: 414 @ 20 amps
10 @ 50 amps

Follow Spots: 2 Strong Super Troupers

Additional Power Sources:

US/R & US/L walls
200 amps per leg
3 phase, 4 wire, 110/208 volts
60 cycles

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House stock

44 6" Top Hats (36 permanently in FOH Light Slots)
50 8" Top Hats
10 Lee Colortran 20 □/30 □/40 □ (1 K) FOH Bridge
2 Strong Super Trouper Follow Spots (Zenon)

Foh Chandelier Position

18 - 12 deg. Berkeys
20 - 20 deg. Berkeys
20 - 30 deg. Berkeys

Foh Slot Positions

16 - 15 - 30 S4 Zooms
20 - 19 deg. S4s

Stage Position

25 - 20 deg. Berkeys
25 - 30 deg. Berkeys
25 - 40 deg. Berkeys
20 - 19 deg S4s 575 watt
45 - 26 deg. S4s 575 watt
45 - 36 deg. S4s 575 watt
10 - 50 deg. S4 Lenses
2 - 10 deg. S4 Lenses
25 - 1K 6 inch Fresnels
12 - 2K 6 inch Fresnels
12 - S4 Parnels 575 watt
12 - S4 Pars - VN/N/M/W 575 watt
24 - Single Unit Orion Groundrow 1000 watt
20 - Iris2 Top Cyc Units 1000 watt
10 - Med. Parcans

There are also 4 Vari-Lite VL1000TS moving lights available. Please contact the Head Electrician if these may be required.

There is no inventory of colour filters. Users must supply their specific colour requirements.

This inventory is always subject to change at any time.

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Sound System

Booth - Rear Left Balcony

FOH Mix Position - Rear Right Orchestra

Pre-Production - In house PC recording and editing. (Audacity) In house CD burning

Playback

Custom SFX 5.6 PC with Echo Audio Gina (14 outputs) w/ full backup

Console and Processing

1 Yamaha PM5D V2 (48x mono, 4x stereo, 4x FX Returns, 24x mix, 8x Matrix, 2x Stereo out 8x DCA)

4 band PEQ, Compressor, Gate, +48v, and Delay per Mono input

4 band PEQ, Compressor, Gate, and Delay per Stereo input

8 band PEQ, Compressor, and Delay. Each mix can be assigned in pairs as variable (Aux), or fixed (Group). Each mix assignable to matrix.

4 band PEQ, Compressor, and Delay per Stereo out

12 Digital input or output GEQs, insertable on any input or output

8 Digital Effects Processors (SPX 2000-class)

1 Custom Amplifier control PC for access to I-Tech Amplifier Controls

Speakers

2 Meyer UPA1-C Centre Cluster

4 Meyer UPA1-c Proscenium Left & Right (Upper and Lower)

2 Wharfedale Twin-18SB Subwoofers (Proscenium Left & Right)

5 Wharfedale P-52 Under balcony Fill (2 x outer, 3 x inner)

6 Wharfedale P-60 Over balcony Fill (3 x Left, 3 x Right)

12 Wharfedale P-60 House FX Speakers in fixed positions

6 Wharfedale Twin12 Stage Monitors/FX speakers

6 Wharfedale P-50 Front Fill speakers (available to be added)

Amplifiers

6 Crown I-Tech 4000 (1250w/channel @ 8Ohms) 5 x Main PA, 1 x Subwoofers

2 Ashly FET2000 (1000w @ 8 ohms Bridged Mono) 1x Under Balcony, 1x Over Balcony

4 Yamaha P2500S (250w/ channel @ 8ohms) 4x effects / Stage Monitors

6 Accusonic PSA 3530 (300w/ channel @ 8 ohms) effects / Stage Monitors

Microphones

Unavailable In-house. Must be purchased or rented from 3rd Party supplier