

Main Stage Technical Specs - Hall #2

Proscenium:

- Height:.....20' (06.10m)
- Width:31' 10"(09.70m)

Apron:

- Depth:4' (01.22m)
- Width:45' 6" (13.87m)
- Height:.....3' 7" (01.09m)

Stage:

- Maximum width:.....46' 4" (14.12m)
- Maximum depth:35' 10"(10.92m)
- House curtain to back wall:28' 5" (08.66m)
- Proscenium to house curtain:.....3' 8" (01.12m)
- House curtain to the edge of the stage:7' 5" (02.26m)
- Width of flies:.....43' (13.11m)
- Depth under the flies:.....26' 7" (08.10m)
- Height of the catwalk:.....22' (06.71m)
- Clearance under the grid:44' (13.41m)
- Clearance under the flies:.....41' 2" (12.55m)
- Maximum height of bar #A:30' 8" (09.35m)

Fly bars:

- 26 single purchase system pipes are suspended by 5 steel cables having a maximum safe load capacity of 1 000 lbs (454 kg) each.
- The controls are manual and are located on the catwalk level, on stage right.
- The bars are made of tubular steel and are 1.50" (3.81 cm) in diameter and 41' (12.50 cm) long.
- A lifting girder above the proscenium, having a maximum capacity of 1 000 lbs (454 kg) between each supporting block.
- Side curtains on rails are installed on each side of the stage.

Loading platform:

Accessible via Brazeau Street behind the St-Denis Theater.

Elevator:

The elevator, which is inside the Theater, has a load rating capacity of 2000 pounds (909 kg). It can be stowed away in a built-in hatch under the stage, on stage left (up stage).

- Height of the elevator door:7' 2" (02.19m)
- Width of the elevator door:7' (02.13m)
- Height of the door leading to the back lane:3' 7" (01.09m)
- Height of the door leading onto the stage:7' 8" (02.34m)
- Width of the elevator:5' (01.52m)
- Depth of the elevator:8' (02.44m)

Dimensions of Hall # 2 (approximate measurements):

- **Sound console:**68' (20.73m) from the stage
(Located in the middle of the floor section, in the last two rows)
- **Lighting controls:**74' (22.56m) from the stage
(Located at the back of the hall, on house left)
- **F.O.H. catwalk (24 lekos):**
 - Height:23' 9" (07.24m)
 - Length:52' (15.85m)
 - Angle to the stage:49 degrees

Spotlight position:

- 2 Short Throw Voyager spotlights of 400 watts.
- The spotlights are located on the F.O.H. catwalk, at an angle 49 degrees to the stage.

F.O.H.:

- 24 1K Robert Julia lekos (614 SX (17°) model)

Dimmers:

- 24 2K ETC dimmers (Sensor SP 1220C, TWL (DMX) model)
- 96 2.4 kW ETC SP9620 dimmers on stage

Lighting console:

List of lighting:

- 1 ETC Express 48/96 console
- 36 LED Par, Elation Elar 108 Par, 36 x 3W LED
- 12 Lekos ETC, 25/50, 750W (26 projectors)
- 36 Lekos ETC Source Four 574/750W (36 projectors)
- 24 Strand 8" 1K Fresnels
- 2 Quartzcolor Castor 10" 2K Fresnels
- 6 Par 64-4 Bars (3 medium and 3 narrow)
- 12 individual Pars (6 medium and 6 narrow)
- 6 ACL Bars
- 6 Iris 3
- 12 Iris 1
- 8 boom (6 x 12' 2 x 8' and 2 x 6' but 8 bases)
- 25 floor stands
- 24 Gobo holders
- 1 MDG Atmosphere APS XLR-7 smoke machine (\$15 per show)

In-house electrical wiring:

- Sound:

There is a multi-wire cable (snake) permanently installed between the sound control console and the stage.

There are 50 inputs and 10 outputs available.

- Lighting:

The stage can be connected to the lighting control board using the DMX system.

- Clear com:

1 master and 7 headsets with stations (with wiring)

Two communication channels

CS100 system

-Sound System :

The presence of Solotech's head sound technician is mandatory; the costs will be charged to the producer on the final bill.

Main sound system:

- 6x L-Acoustics ARCS, suspended, 3 per side (flown)
 - 4x L-Acoustics SB28 (ground stacked, 2 per side)
 - 4x L-Acoustics MTD115 (ground stacked, stereo fills, 2 per side)
 - 2x L-Acoustics MTD108 at tip of stage (front fills)
- System amplified by 3 LA8 amplified controllers.

Backup systems:

- 7x Meyer UPM-1P speakers in the corners and under the balcony
- System managed by a MEYER GALILEO 616.

Microphones and monitors:

Hall 2 has the following permanent equipment:

- 2 EAW SM 122 Amplified passive monitors par 1x Crown 1200
- 2 Audio-Technica AWR 5200 wireless dual receivers with omni directional antennas
- 2 Audio-Technica AEW-T1000 beltpack transmitters
- 2 Audio-Technica ATM-75 GOLD microphone headsets
- 2 Sennheiser ME 104 Lavalier microphones
- 2 SM58
- 2 DPA 4088 + beige headsets + microdot adapters
- 1 Audio-Technica AEW T5400 handheld wireless microphone
- 1 Audio-Technica T3300 handheld wireless microphone
- 3 APEX-ADP1 passive direct boxes
- 3 microphone stands/poles
- Various audio cables

Sound console

- 1x Midas Venice 160 console

1 Rack containing:

- Furman PL8
- Denon DN-D4000 dual CD player + REMOTE
- 1 DBX 2231 Stereo Graphic EQ
- 1 Klark Teknik DN360 stereo Graphic EQ
- 1 Yamaha SPX990
- 1 DBX1066 dual-channel compressor/gate

- Various audio cables

- Dressing room paging system:

The dressing room area has a permanent paging system (stage floor and basement). This system allows the performance in progress to be heard as well as calls from the stage manager. There is also an FM system (frequency 100.1) for the hearing impaired. Only one signal should be sent by the F.O.H. sound console. It is automatically broadcast to both networks.

Internet access:

There is high-speed WIFI Internet access only. The technical department will give you the access code upon your arrival

Dressing rooms:

2 dressing rooms, which can accommodate 6 people each, equipped with showers and bathrooms.

Stage entrance:

The entrance for the artists is on stage left, on Brazeau Street behind the St-Denis Theater. This door is kept locked at all times with a code, which you will be given a few days prior to set up.

Up Right lift (Genie):

There is an Up Right lift (Genie) on stage. Maximum height: 24' (7,32m). This lift is available for stage setup and dismantling.

Stage floor:

- The stage floor is black-stained pine.
- It is **strictly forbidden to insert screws or nails into the stage floor.**

Piano:

A 5 foot Conservatory C3 Yamaha grand piano is available upon request. A \$600 charge applies to

move it to Hall 2. Only our tuner may tune the piano. The costs will be billed to the producer. The technical department will determine your tuning needs and schedule with you.

Laundry:

2 washing machines and 2 dryers can be made available for use by the production. An arrangement must be made beforehand with the management.

Stage Curtains - Hall #2

House Curtain:

- Color: OPERA RED
- The control positions are: A for the borders
 B for the curtain
- The curtain is opened horizontally by means of a counterweight system and vertically on traveler tracks.

Legs:

- Quantity:6 sets
- Height:.....19' (05.79m)
- Width:19' 6" (05.94m)
- Black velvet

Borders:

- Quantity:6
- Height:.....9' 6" (02.90m)
- Width:56' (16.56m)
- Black velvet

Back drop:

- Height:.....19' (05.79m)
- Width:39' 2" (11.94m)
- Black velvet

Black Traveller:

- Height:.....19' (05.79m)
- Width:41' (12.50m)
- Black velvet

Note: All curtains, including the main one, are detachable and can be moved.

Electric Power - Hall #2

Lighting:

There is a power distribution panel at stage level, on stage right:

600 amps
120-208 V
3 phases

Sound:

A power distribution panel is available at stage level, on stage left:

100 amps
120-208 V
3 phases

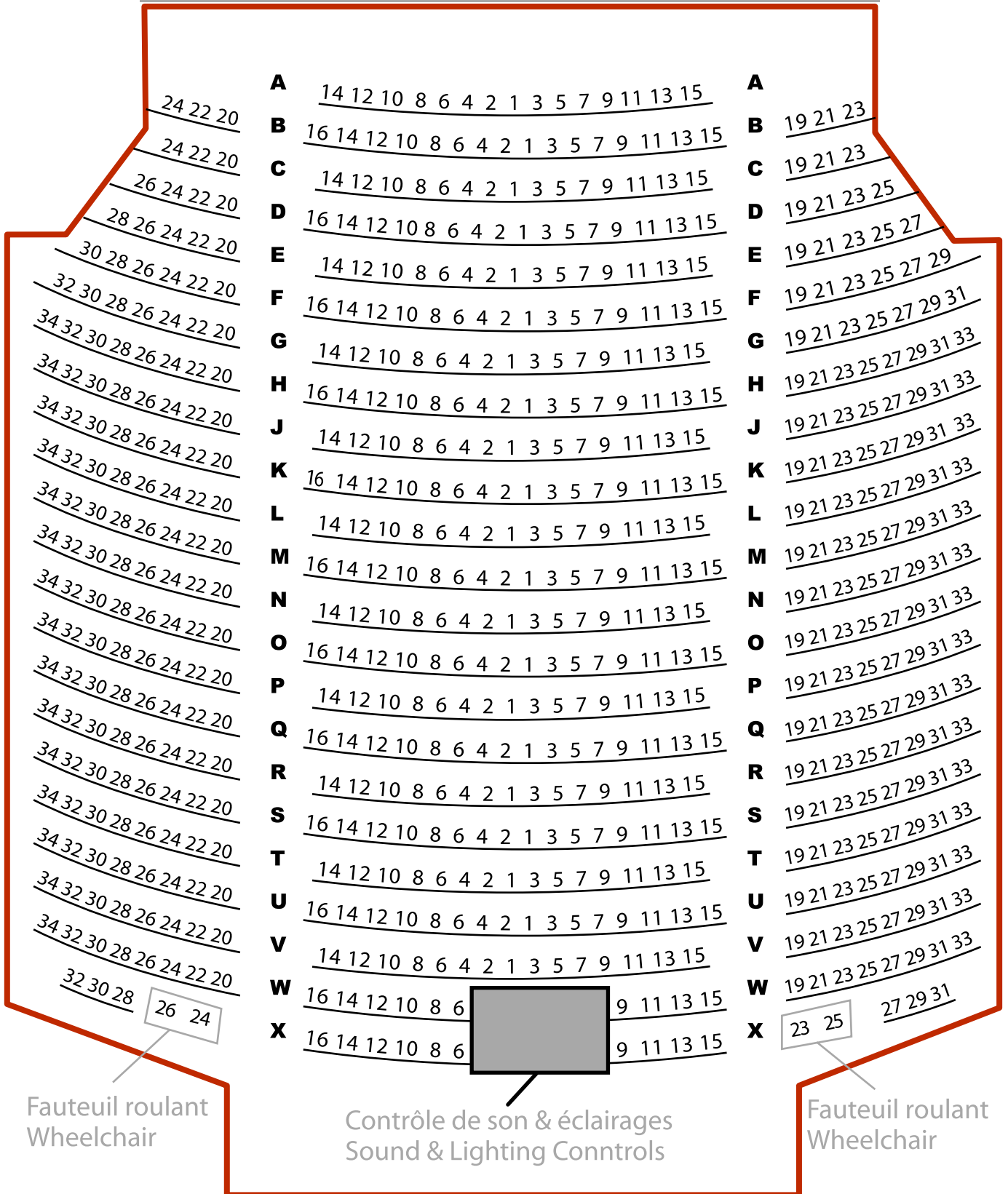
Mobile video:

Panel available upon request.

Note: More electric power can be provided upon request. However, the producer must hire an electrician recommended by the management of the St-Denis Theater.

Théâtre St-Denis 2

Scène/Stage



Fauteuil roulant
Wheelchair

Contrôle de son & éclairages
Sound & Lighting Controls

Fauteuil roulant
Wheelchair

Parterre/Floor

Théâtre St-Denis 2

