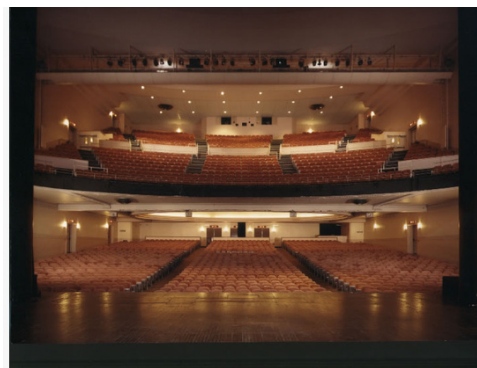


THÉÂTRE ST-DENIS

Depuis 1916

TECHNICAL SPECIFICATIONS



UPDATED September 2026

1594, ST-DENIS STREET • MONTRÉAL • H2X 3K2

TECHNICAL FILE

CAPACITY: 2180 SEATS

TABLE OF CONTENTS

General Information	3
Configurations	4
Stage - dimensions	4
Stage Masking - Curtains	6
Scenery Entrance and Theatre Access	7
Control booth and Catwalk Dimensions	8
Electricity	9
Lighting	10
Audio	11
Rates	13
Stage Door and Dressing Rooms	14
Communications	14
Services	15
Contact Us	16
Configurations:	
2180 Seat capacity – orchestra (1292 Seats)	17
2180 Seat capacity – balcony (888 Seats)	18
1742 Seat capacity – orchestra (1292 Seats)	19
1742 Seat capacity – balcony (450 Seats)	20
1259 Seat capacity – orchestra (809 Seats)	21
1259 Seat capacity – balcony (450 Seats)	22
809 Seat capacity – orchestra (809 Seats)	23
809 Seat capacity – balcony closed	24

GENERAL INFORMATION

HOUSE STAFF (included in the rental cost)

- BOX OFFICE STAFF
- USHERS
- BAR STAFF
- BASIC CLEANING SERVICES
- TECHNICAL DIRECTOR

STAGE CREW

The Producer assumes sole and full responsibility for all stage personnel. The Producer is responsible for ensuring that all stage personnel are professional and qualified. Upon request, the Producer may be provided with a list of companies that can supply stage personnel. Due to the specialized nature and inherent risks associated with the operation of the theatre's fly system and rigging equipment, Rig Rite Productions Inc. is the sole company approved by the management of Théâtre St-Denis to perform these services. Solotech may also provide, at the Producer's request and expense, technical services required for the presentation of the event, excluding hoisting, rigging, and and fly-system operations.

LOAD-IN AND REHEARSAL SCHEDULE

The venue and dressing rooms are available on the day of the performance as of 8:00 a.m. However, theatre management and the Technical Director must be notified at least one week in advance of the arrival time and the specific schedule of work to be carried out. Theatre management and the Technical Director reserve the right to refuse any schedule extension of more than one hour, unless the production notifies management and the Technical Director at least 24 hours in advance. This clause does not apply in the event of an extension resulting from circumstances beyond the production's control, such as a power outage, flooding, a major technical failure, an accident, a significant transportation delay, or any other incident of a similar nature.

LOAD-OUT

The load-out must begin immediately following the final performance and be completed no later than four hours after the curtain falls.

SIGNAGE

Several signage areas are available both inside and outside Théâtre St-Denis. The maximum dimensions for signage are 40 inches wide by 60 inches high.

For more information regarding signage or logos, please contact Laurence Doucet at ldoucet@espacestdenis.com.

HALL 1: STAGE TECHNICAL SPECIFICATIONS

CONFIGURATIONS

- Full house configuration: 2,180 seats.
- Orchestra and 1st balcony configuration (2nd balcony closed): 1,742 seats.
- Rows AA to O at the orchestra level and 1st balcony configuration: 1,259 seats.
- Rows AA to O at the orchestra level configuration: 809 seats.

STAGE - DIMENSIONS

PROSCENIUM OPENING

Height	28'	8,53 m
Width	45' 11"	11,45 m

FORESTAGE

Depth	8' 10"	2,69 m
Width	52' 2"	15,90 m
Height	3'	0,91 m
Distance from centre line to Stage Left wall	41' 11"	12,77 m
Distance from centre line to Stage Right wall	38'	11,58 m

STAGE

Maximum width	66'	20,12 m
Maximum depth	42' 6"	12,95 m
Main curtain to back wall	32' 2"	9,8 m
Main curtain to proscenium	1' 1"	0,33 m
Main curtain to edge of forestage	9' 11"	3,02 m
Stage width below the fly system	56'	17,07 m
Stage depth below the fly system	29' 7"	9,0 m
Maximum height below the Stage Left catwalk	26' 2"	7,98 m
Maximum height below the Stage Right catwalk	26' 6"	8,08 m
Floor height fly gallery	29' 10"	9,09 m
Grid height	58' 9"	17,68 m
Clear height below the grid	55'	16,77 m
Height below the battens	See plans	
Distance between the stage and the edge of the balcony	39' 8"	12,09 m

The stage floor is made of black-stained birch wood.

Under no circumstances shall screws or nails be inserted into the stage floor.

BATTENS

- 34 counterweighted battens suspended by six steel cables, each with a maximum capacity of 1,000 lbs (454 kg), except battens 31-32, which have a maximum capacity of 700 lbs (317 kg). Batten controls are manual and are located at the stage right catwalk level.
- The German tabs are on tracks.
- The battens are made of tubular steel, with a diameter of 1.50" (3.81 cm) and a length of 56' (17.07 m).
- Two motorized ladder battens, stage left and stage right, are used for side lighting and lighting cable storage.

Due to the risks and safety standards associated with the batten systems, their use requires the hiring of a head fly operator recommended by Théâtre St-Denis for load-in and load-out, at the producer's expense. All batten and curtain movements during the performance must also be handled by the head fly operator.

ANCHOR POINTS

Anchor points above the proscenium can be used for rigging equipment. The installation of stage equipment on these points must be approved by the Technical Director of Théâtre St-Denis.

Due to the risks and safety standards associated with these systems, all equipment installations using the anchor points require the exclusive use of a rigging crew from Rig Rite Productions Inc., approved by the theatre's Technical Director, at the producer's expense.

Théâtre St-Denis reserves the right to require, at any time, an engineering certification for any rigging requests deemed non-compliant. Such requests require the hiring of an engineer appointed by Théâtre St-Denis, at the producer's expense.

An AutoCAD plan is available on our website. An access code can be obtained upon request from the Technical Director of Théâtre St-Denis.

<https://espacestdenis.com/location/espace-production/>

STAGE MASKING - CURTAINS

MAIN CURTAIN (HOUSE CURTAIN)

- BLACK velours
- Control positions are: A for the teaser and B for the curtain.

The curtain is operated horizontally by counterweight (fly) and vertically on a traveller track. All curtains, including the house curtain, are movable and can be repositioned.

LEGS

Quantity	5 pairs	
Height	26'	7,92 m
Width	22'	6,71 m
Black velours		

VALANCES

Quantity	7	
Height	12'	3,66 m
Width	56'	17,07 m
Black velours		

BACKDROP

Height	26'	7,92 m
Width	56'	17,07 m
Black velours		

PLEATED CURTAIN ON TRAVELLER

Height	26'	7,92 m
Width (per section)	30'	9,15 m
Width (total)	56'	17,07 m
Black velours		

SCENERY ENTRANCE AND THEATRE ACCESS

LOADING DOCK

Accessible from Marie-Louise Ricard Street (formerly Ruelle Brazeau) at the rear of Théâtre St-Denis. The loading dock is a removable exterior steel platform providing access to a freight elevator with a capacity of 4,000 lb (1,814 kg). The freight elevator can stop at street level, stage level, or basement level.



PLATFORM

Height from street to platform	4'	1,22 m
Width	8'	2,44 m
Length	12'	3,66 m

FREIGHT ELEVATOR

Width	7' 6"	2,29 m
Height	6' 11"	2,10 m
Depth	12'	3,66 m

EXTERIOR FREIGHT ELEVATOR DOOR

Width	7' 5"	2,26 m
Height	6' 11"	2,10 m

ACCESS THROUGH THE MAIN ENTRANCE

If scenery cannot be brought in through the freight elevator, the main entrance on St-Denis Street may be used. The door dimensions are as follows:

Width	5' 5"	2,39 m
Height	7' 11"	2,97 m
(Maximum scenery size: 7' 11" H × 5' W)		

Please note that there are no stairs between the entrance on St-Denis Street and the stage. The approximate distance is 150' (45.72 m). Only equipment that is too large for the freight elevator will be permitted through the main entrance on St-Denis.

LIFT PLATFORM

Théâtre St-Denis 1 has a 32' (9.76 m) UpRight lift platform.

CONTROL BOOTH AND CATWALK DIMENSIONS

*Measurements are approximative

MAIN SOUND AND LIGHTING FOH MIX

Distance from the proscenium	56'	17,07 m
Width	20' 9"	6,37 m
Depth	7' 6"	2,32 m

Position: behind row N at the orchestra level

SECONDARY CONTROL BOOTH (OCCASIONALLY USED BY STAGE MANAGER OR THE VIDEO DEPARTMENT)

Distance from the stage	110'	33,53 m
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Position: at the rear of the auditorium, stage right.

1st balcony rigging catwalk (1st FOH)

Length (following the curve of the balcony)	55'	16,76 m
Distance from the stage edge	39' 8"	12,09 m
Angle from the stage (at zero point)	19 degrees	

2ND FOH CATWALK

Rigging height	46' 6"	14,17 m
Length	92' 4"	28,14 m
Angle (at zero point)	42 degrees	

ELECTRICITY

LIGHTING, VIDEO

Two company switch camlock panels are located on the stage left fly gallery:

- 400 A, 120/208V, 3 ph. (qty: 1)
- 200 A, 120/208V, 3 ph. (qty: 1)

SOUND

A company switch camlock electrical panel is located on stage right:

- 200 A, 120/208V, 3 ph. (qty: 1)

UTILITY

A Pin and Sleeve (CEEP) switch is located on the stage left fly gallery:

- 100 A, 120/208V, 3 ph. (qty: 1, fused at 80A)

MOBILE SOUND AND VIDEO

Two electrical connection panels are located outside the theatre, above the dressing rooms, with access from the parking lot:

- 200 A
- 120.208 V
- 3 phases

The exterior sound panel is connected to the interior sound panel.

Note: Additional electrical power may be available upon request. However, the producer will be required to hire an electrician recommended by Théâtre St-Denis management.

LIGHTING

LIGHTING CONSOLE

- GrandMA 3 Compact XT

FOLLOW SPOTS

- 2 Robert Julia Aramis 2K follow spots

LIGHTING FIXTURES AND ACCESSORIES

- 24 lekos ETC SourceFour Series 3 15–30° variable-focus (FOH 2 catwalk only)
- 24 lekos ETC SourceFour Series 3 25–50° variable-focus
- 24 Chauvet Pro Colorado 3 DEL PAR
- MDG Me2 fog generator

POWER DISTRIBUTION

Powercon True-1, constant power:

- 8 circuits on stage
- 4 circuits at the front of the stage (box boom)
- 4 circuits at the front edge of the balcony
- 12 circuits FOH catwalk
- 10 x 6-circuit Socapex cable looms for stage hoists

DMX

- DMX wall plates connected to nodes and the lighting network
- 10 x 4-port nodes on stage hoists
- 2 additional portable 4-port nodes

AUDIO

SOUND SYSTEM (PA)

Use of this system requires the producer to hire, at the producer's expense, a Head of Sound from Espace St-Denis for load-in, the first performance, and load-out. This technician will be responsible for connecting the producer's control equipment, regardless of the rental company, to our system. They will calibrate the sound system according to the needs of the production and the requirements of the production's sound engineer. They will ensure that all equipment is functioning properly and will be present during load-out to assist the producer's crew with packing up the equipment.

MAIN STEREO SYSTEM

- 28 x L-Acoustics KARA II flown 14 x per side
- 8 x L-Acoustics KS28 ground-stacked, cardioid configuration, 4 x per side
- 2 x L-Acoustics SYVA ground stack, stereo fills 1x per site
- 3 x L-Acoustics SB18 flown at centre stage, above the proscenium

FILL SYSTEMS

- 4 x Meyer Sound M1D at the stage edge (front fills)
- 4 x L-Acoustics KIVA II, suspended in pairs as under-balcony fills on the orchestra level
- 2 x MEYER UPA-2P, suspended as outer fills on the orchestra level
- 2 x MEYER UPA-2P, suspended as outer fills on the balcony
- 2 x L-Acoustics A15W on the catwalk, providing fills for the second balcony section

AMPLIFICATION

Main system amplification is located in the audiovisual room at the stage left fly gallery:

- 7 x L-Acoustics LA4X for KARA II
- 2 x L-Acoustics LA12X for KS28
- 1 x L-Acoustics LA4X for SB18
- 1 x L-Acoustics LA4X for KIVA II delay speakers
- 1 x L-Acoustics LA4X for SYVA and A15W

The system is managed by a MEYER GALAXY 816, allowing each source type to be adjusted individually.

The sound system may not be removed or replaced with another system.

STAGE MONITORS

- 4 x L-Acoustics X15-HiQ
- 6 x L-Acoustics X12

Stage monitor amplification is housed in a mobile shock-mounted rack:

- 4 x L-Acoustics LA8 (individual mixes are available for each monitor)

SOUND CONSOLE AND CONNECTIVITY

- Allen and Heath DLIVE S7000 digital audio console
- Allen and Heath DM64 digital audio rack, 64 inputs × 32 outputs, with Dante card (permanent, located in the audiovisual room, for routing the XLR connections from the theatre's wall plates)
- Portable Dante digital audio racks, 16 inputs × 8 outputs

MICROPHONES/DI

- 10 x Shure SM58
- 6 x Sennheiser E935
- 8 x Shure SM57
- 4 x Shure Beta57
- 2 x Sennheiser MD421
- 2 x Sennheiser e902
- 6 x Sennheiser e904
- 6 x Sennheiser e906
- 8 x Sennheiser e914
- 2 x Shure Beta 91A
- 2 x Shure Beta 52
- 2 x Shure KSM 141
- 2 x Neumann TLM-102
- 2 x Neumann KM-184
- 2 x AKG C411 PP
- 8 x DI passive Radial JDI
- 8 x DI active Radial J48
- 48 x large microphone stands with boom arm
- 16 x small microphone stands with boom arms
- 4 Straight stands with round bases
- 4 Tabletop stands

Théâtre St-Denis reserves the right, in the event of equipment failure, to replace equipment with equivalent equipment for the producer.

RATES

	Hourly rates 7 am-midnight	Showcall 4 hours	Showcall 4 hours +	Hourl rates midnight- 7 am
Head of Sound, LX, Fly Operator, Carp	\$48.00 /h	\$310.00	\$77.50/h	\$72.00/h
Head of Video	\$48.00 /h	\$350.00	\$87.50/h	\$66.00/h
Assistant Fly Operator	\$45.00 /h	N.A.	N.A.	\$67.50/h
Follow Spot Operator	\$43.00 /h	\$260.00	\$65.00/h	\$64.50/h

-The producer must cover the cost of hiring a Head of Sound and a Head of Lighting from Espace St-Denis for load-in, performances, and load-out;

-Any call to work is subject to a minimum four (4) hour pay guarantee, paid at the applicable hourly rate;

-The "Show Call" rate applies starting thirty (30) minutes before the beginning of each performance and remains in effect until the end of the performance;

- Technicians who worked on the performance remain on duty continuously to carry out the load-out and are paid at the applicable hourly rate;

- Any technician who did not work on the performance and is called in solely to carry out the load-out is entitled to a minimum four (4) hour call, paid at the applicable hourly rate;

- All of these rates are increased by 50% on the following statutory holidays;

- 1- January 1st (New Year's Eve)
- 2- June 24th (Quebec National Holiday)
- 3- December 25th (Christmas day)
- 4- December 31st after 6 pm

These rates are set by Espace St-Denis and Rig Rite Productions Inc. They are subject to change based on the rates in effect on the day of the performance and will be charged directly by TSD on the final invoice.

The producer will be responsible for the following costs for the equipment used:

- Electric tape \$3 each
- Camera tape \$35 each
- Batteries for mics \$1.50 each

STAGE DOOR AND DRESSING ROOMS

There is an artist entrance available on the garden side—accessible via Rue Marie-Louise Ricard (formerly Ruelle Brazeau)—at the rear of the Théâtre St-Denis. This door is secured at all times by a code that will be provided to you a few days before load-in.

DRESSING ROOMS

- 1 dressing room with lounge, shower and bathroom, at stage level.
- 4 additional dressing rooms (capacity: 5 people each) with showers, at stage level.
- 2 dressing rooms (capacity: 8 people each) with showers and bathroom, below stage level.
- 3 individual dressing rooms with showers, below stage level.
- 1 break room and kitchenette with refrigerator and microwave.

COMMUNICATIONS

HOUSE SOUND AND PAGING

A permanent program sound system is installed in the dressing room areas (stage level and basement). The system allows the performance in progress and paging from the stage manager to be heard. Calls can be made via the onstage microphone or through one of the inputs on the sound console. Program audio (House Sound) can be transmitted via the house microphone or the sound console. The program sound covers the Lobby.

CCTV

An HD POV camera transmits the image of the stage to a network of television screens (fly gallery, Green Room, backstage).

ASSISTED LISTENING SYSTEM

A Listen 72 MHz system for the hearing impaired is also installed. It receives the room microphone, but a signal can also be sent via the FOH sound console.

STAGE COMMUNICATIONS

The communication lines (Clear-Com) are permanently installed throughout the stage and FOH locations. A Clear-Com station is installed at the house mix position.

SERVICES

INTERNET ACCESS

- High-speed Wi-Fi Internet access only. Landline available upon request.
- The access code will be provided by the TD upon arrival.

HAIR AND MAKE-UP

A hair and makeup area is available beneath the stage. This space can accommodate six people. Mirrors and lighting are permanently installed. Chairs are not included.

COSTUME ROOM

A costume dressing room is available beneath the stage.

LAUNDRY ROOM

Three washing machines and three dryers are available for the production team. The machines are located beneath the stage.

CONTACT Us

THÉÂTRE ST-DENIS

1594 rue St-Denis
Montréal (Québec) H2X 3K2
T : 514 849-0680
www.espacestdenis.com

GENERAL MANAGER

Daniel Pilon
T : 514 844-0680 ext 13315
dpilon@espacestdenis.com

DIRECTOR OF PROGRAMMING AND COMMERCIALIZATION

Alexandre Seers Provencher
T : 514 718-5677
aprovencher@espacestdenis.com

TECHNICAL DIRECTOR

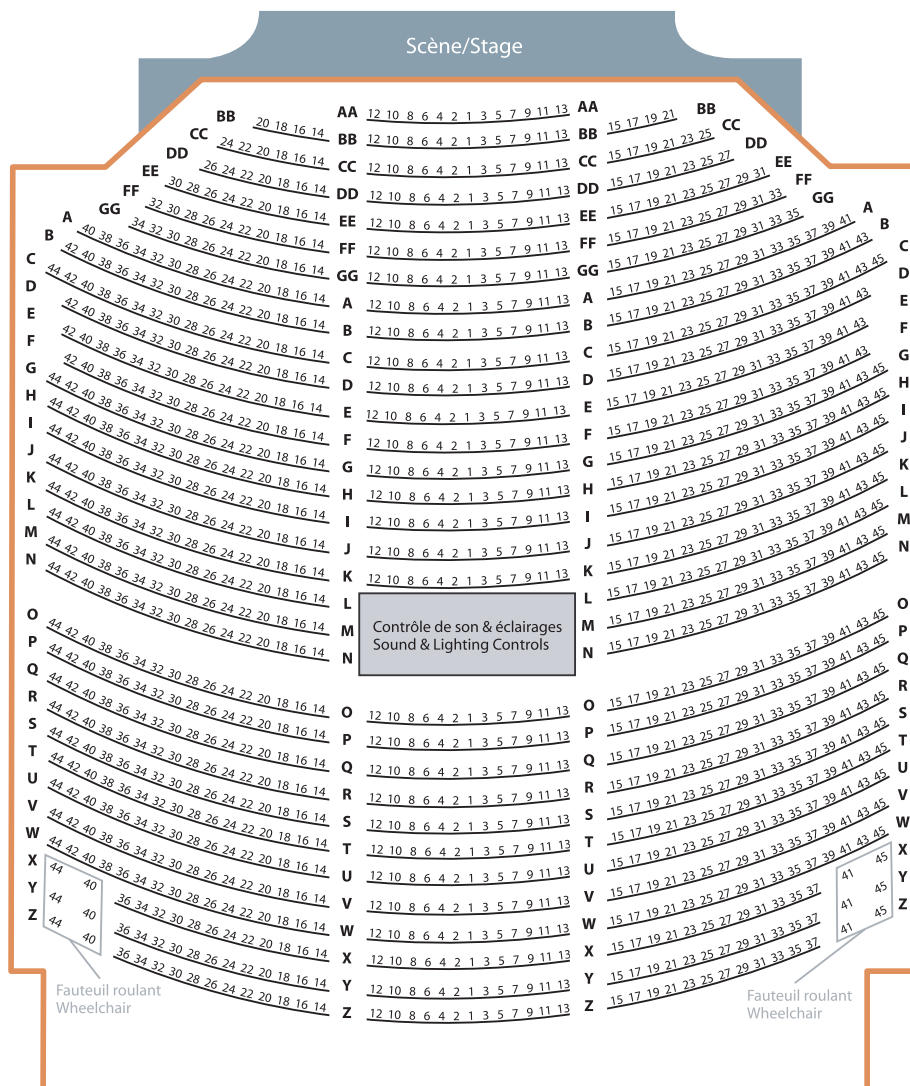
Charles Éthier
T : 514 993-3058
dt@espacestdenis.com

ASSISTANT DIRECTOR

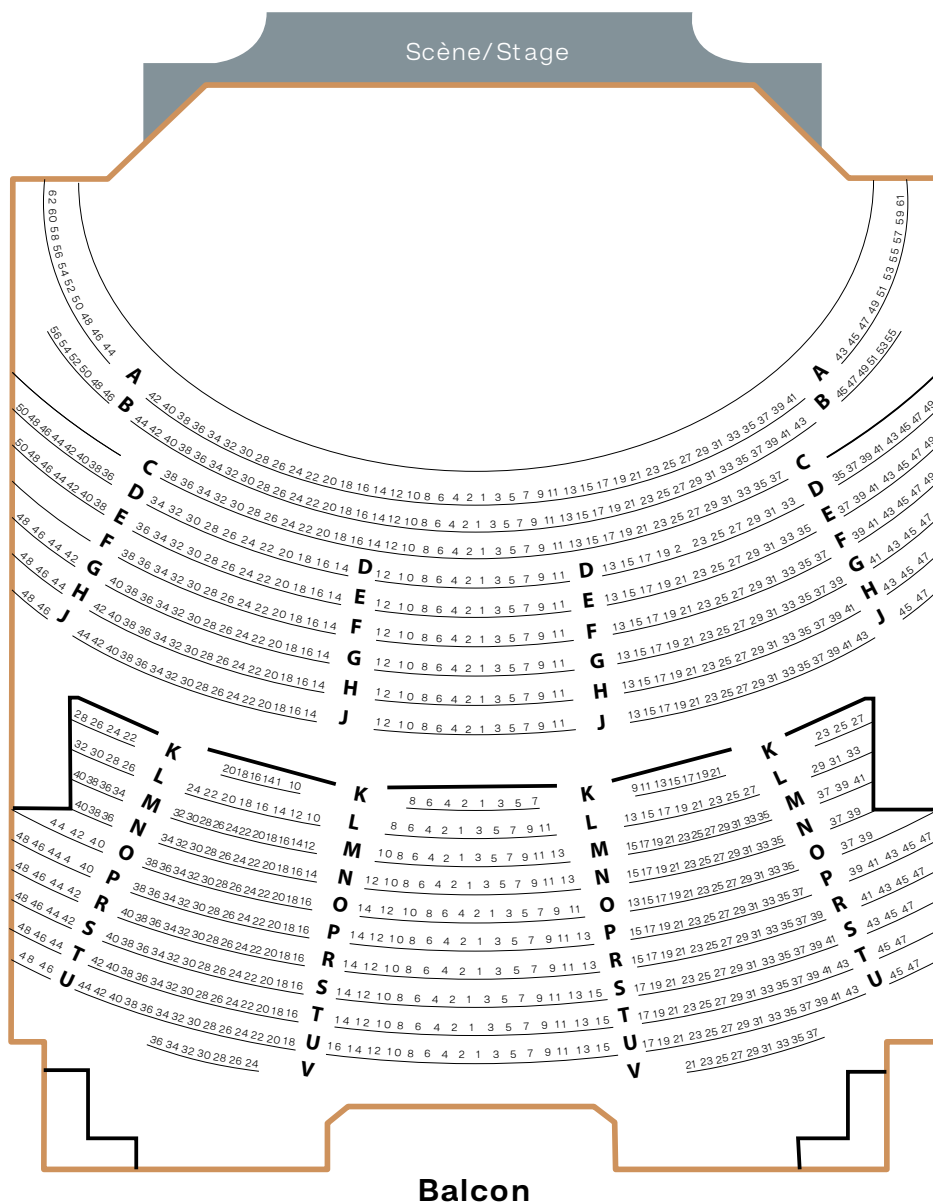
Julien Lemay
T : 514 844-0680 ext 13310
direction@espacestdenis.com

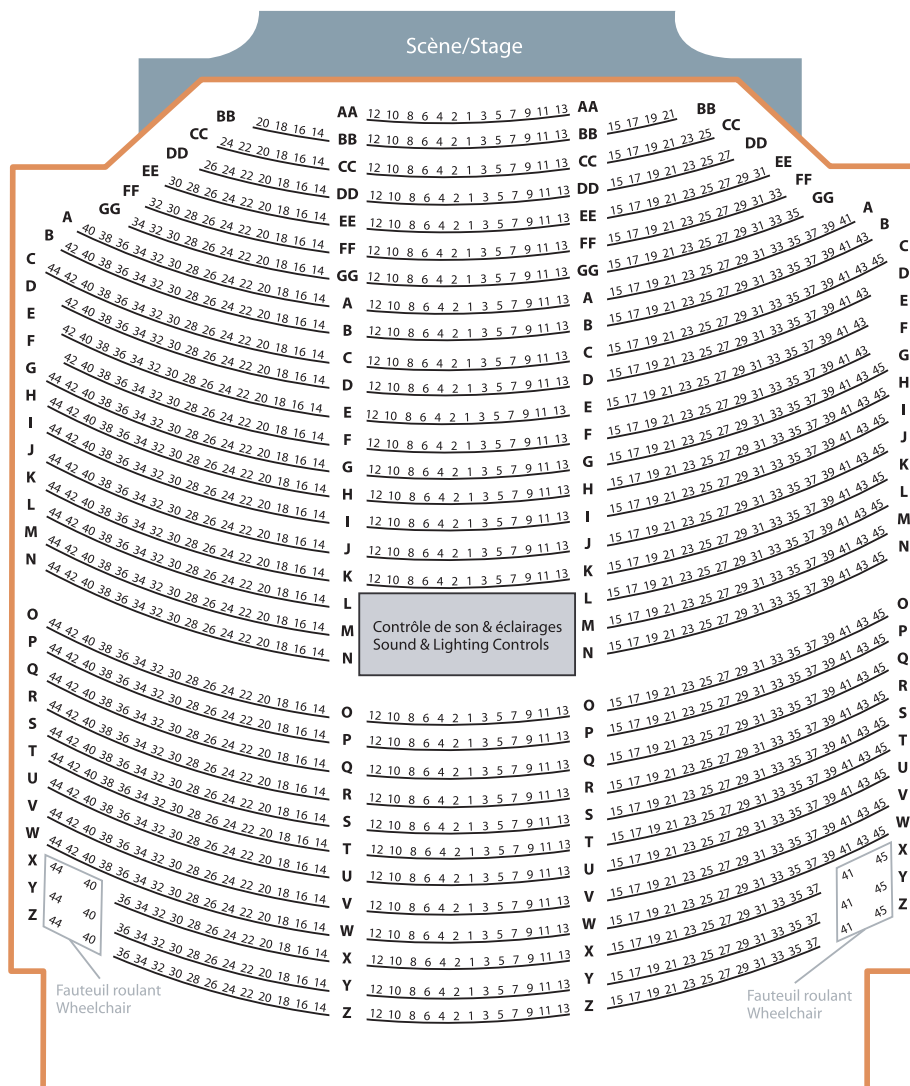
DIRECTOR MARKETING AND COMMUNICATIONS

Laurence Doucet
T : 514 844-0680 ext 13317
dt@espacestdenis.com



Parterre/Floor





Parterre/Floor

