



The Corporation of Massey Hall & Roy Thomson Hall

TECHNICAL INFORMATION

MASSEY HALL

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Toronto, Ontario
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CONTACT

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STAGE INFORMATION

Built in 1894 and extensively renovated in 2021, Massey Hall is a classical, fixed plaster-shell, concert hall. The stage has some masking but is without any wing spaces. There is no proscenium. The entrance to the stage is via upstage left and upstage right swinging doors, as well as upstage centre, which connects to the loading dock. The stage floor surface is clear, polyurethane-coated hardwood strip. No drilling or screwing into stage floor is permitted. There are other production limitations inherent to the structure. Please call for details.

Due to fire code regulations, the use of open flame or pyrotechnics is forbidden.

STAGE DIMENSIONS

60' 6" wide upstage
73' wide downstage
35' deep at center
56' height clearance

LOADING AREA

The loading dock is located on Victoria Street (east side of building).

Trucks must approach the entrance to the loading dock from the southbound lane of Victoria Street in order to maneuver in to the loading bay. There is a (9'-9" x 23'-4") lift to elevate gear from dock level to stage level (approx. 8'). Once at stage level, gear can be pushed from the dock area through an opening upstage center on to the stage. Stage level is approximately 4' 6" above auditorium floor.

A ramp is provided to allow FOH equipment to move from stage to FOH area. There is very little storage space for empty production cases. Tours carrying large amounts of equipment should be prepared to backload empty cases.

UNIONS

The Allied Music Centre (and all facilities therein) operates within the jurisdiction of the International Alliance of Theatrical Stage Employees & Moving Picture Technicians, Artists and Allied Crafts (IATSE Local 58 & IATSE Local 822).

For further information contact the Production Department.

PARKING

Once unloaded, there is room for ONE truck, or tour bus/trailer to park in the dock area, this must be arranged in advance. There is a shared laneway next to the loading dock, which must remain clear of vehicles at all times. Please contact production management for further information.

TRUCK DIRECTIONS

Please ensure all drivers have the correct directions to the LOAD IN/OUT address for Massey Hall :

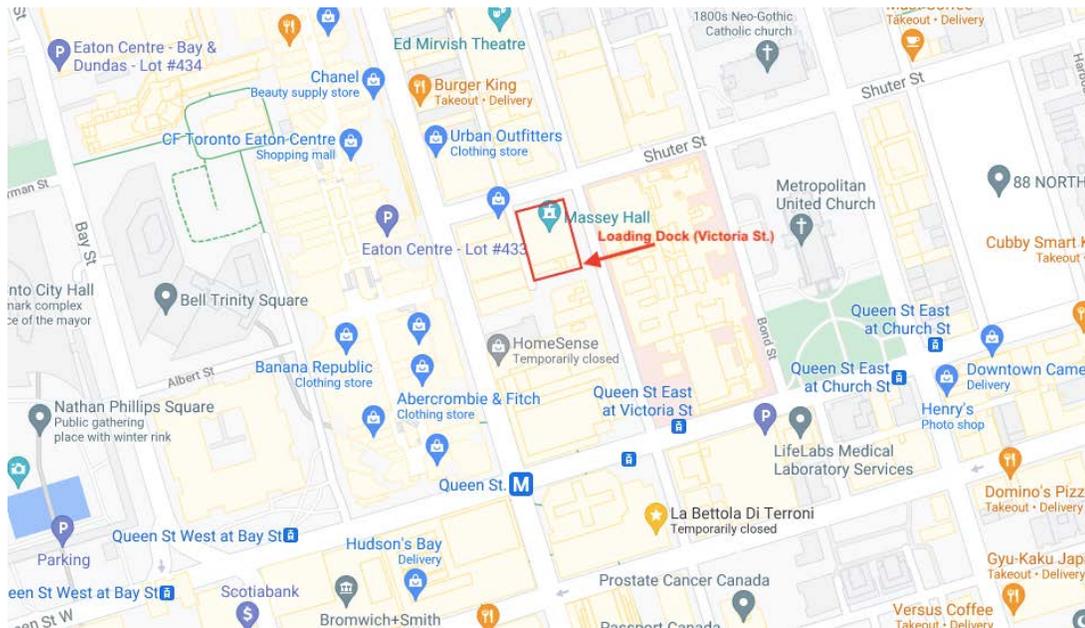
178 VICTORIA STREET, TORONTO (GPS: 43.653845, -79.378577 / 43°39'13.8"N 79°22'42.9"W)

There is absolutely NO PARKING on Shuter Street in front of the venue.

We understand the challenges of driving a large truck in downtown Toronto. It is for everyone's benefit to know and follow these directions.

From the East via DVP / Gardiner Expressway: Exit at York / Bay / Yonge St and head North on Yonge St. Right turn at Shuter St. - one (1) street north of Queen St. (Venue is on the right). Right turn on Victoria St. Loading dock is on the right at rear of building.

From the West via 427 / Gardiner Expressway: Exit at Jarvis St. (Exit 155) from Gardiner E, follow Jarvis St. to Richmond St. E. Turn left. Follow Richmond to Yonge St. Turn right. Right turn at Shuter St. - one (1) street north of Queen St. (Venue is on the right). Right turn on Victoria St. Loading dock is on the right at rear of building.



AMC FACILITY POWER & ELECTRICAL

COMPANY SWITCH

<p>Venue/Room.....Massey Hall Lighting Location.....Stage Right Capacity.....2 x 400 AMP, 1 x 200 AMP Phase.....3 Voltage.....120/208 Cycles.....60 Disconnects: "J" series CAM-LOK. Ground & neutral are reversed.</p>	<p>Venue/Room.....Massey Hall Audio Location.....Stage Left Capacity.....2 x 200 AMP Phase.....3 Voltage.....120/208 Cycles.....60 Disconnects: "J" series CAM-LOK. Ground & neutral are reversed.</p>
<p>Venue/Room.....Massey Hall Location.....Attic above House Capacity.....1 x 400 AMP, 1 X 200 AMP Phase.....3 Voltage.....120/208 Cycles.....60 Disconnects: "J" series CAM-LOK. Ground & neutral are reversed</p>	<p>Venue/Room.....Massey Hall Location.....Attic above Stage Capacity.....1 x 400 AMP, 1 X 200 AMP Phase.....3 Voltage.....120/208 Cycles.....60 Disconnects: "J" series CAM-LOK. Ground & neutral are reversed.</p>
<p>Venue/Room.....Massey Hall Location.....Loading Dock Capacity.....1 x 400 AMP Phase.....3 Voltage.....120/208 Cycles.....60 Disconnects: "J" series CAM-LOK. Ground & neutral are reversed.</p>	<p>Venue/Room.....Massey Hall Location.....Victoria St. Broadcast Power Capacity.....1 x 400 AMP Phase.....3 Voltage.....120/208 Cycles.....60 Disconnects: "J" series CAM-LOK. Ground & neutral are reversed</p>
<p>Venue/Room.....Massey Hall Location.....Shuter St. Broadcast Power Capacity.....1 x 400 AMP Phase.....3 Voltage.....120/208 Cycles.....60 Disconnects: "J" series CAM-LOK. Ground & neutral are reversed</p>	<p>Venue/Room.....Massey Hall Location.....Laneway Power Capacity.....1 x 100 AMP Phase.....3 Voltage.....120/208 Cycles.....60 Disconnects: "J" series CAM-LOK. Ground & neutral are reversed</p>

<p>Venue/Room.....L2 Lobby Location.....West side of lobby Capacity.....1 x 200 AMP Phase.....3 Voltage.....120/208 Cycles.....60 Disconnects: "J" series CAM-LOK. Ground & neutral are reversed</p>	<p>Venue/Room.....L3 Lobby Location.....West side of lobby Capacity.....1 x 200 AMP Phase.....3 Voltage.....120/208 Cycles.....60 Disconnects: "J" series CAM-LOK. Ground & neutral are reversed</p>
<p>Venue/Room.....Basement Bar Location.....Stage Left Capacity.....1 x 200 AMP Phase.....3 Voltage.....120/208 Cycles.....60 Disconnects: "J" series CAM-LOK. Ground & neutral are reversed</p>	<p>Venue/Room.....Basement Bar Location.....Stage Right Capacity.....1 x 200 AMP Phase.....3 Voltage.....120/208 Cycles.....60 Disconnects: "J" series CAM-LOK. Ground & neutral are reversed</p>
<p>Venue/Room.....L4 Club Location.....Stage Right Capacity.....1 x 400 AMP, 3 x 200 AMP Phase.....3 Voltage.....120/208 Cycles.....60 Disconnects: "J" series CAM-LOK. Ground & neutral are reversed</p>	<p>Venue/Room.....L5 Location.....Mix Loft Capacity.....1 x 400 AMP Phase.....3 Voltage.....120/208 Cycles.....60 Disconnects: "J" series CAM-LOK. Ground & neutral are reversed</p>
<p>Venue/Room.....L6 Theatre Location.....TBC Capacity.....1 x 200 AMP Phase.....3 Voltage.....120/208 Cycles.....60 Disconnects: "J" series CAM-LOK. Ground & neutral are reversed</p>	<p>Venue/Room.....L7 Studio Location.....TBC Capacity.....1 x 200 AMP Phase.....3 Voltage.....120/208 Cycles.....60 Disconnects: "J" series CAM-LOK. Ground & neutral are reversed</p>

LIGHTING

PORTABLE DIMMERS

48 ways of 10A 120V Dimming ETC Smartpack touring system, 4XSL1210V, custom mounted in road case located stage right.

4 Leprecon ULD 240 HP 4 Channel DMX Controllable Dimmer Pack with L515 connectors– 1 per house truss excluding upstage truss

FIXED FOCUS FIXTURES

32 ETC Source 4 @ 575 watts on gallery rail

12 Martin Atomic 3000 LED Strobe 4 Mounted on downstage chord of each truss

40 ETC Arc-Pro 4 Cell Square Yoke for Orchestral concert lighting

MOVING HEAD FIXTURES (FLOWN)

11 Martin Mac Viper Performance

14 Martin Mac Viper Profile

28 Martin Mac Aura XB

14 Clay Paky Sharpie

LIGHTING CONSOLE

GrandMA2 full-Size Stage lighting console with 65,536 parameter control and 30 Motorized faders. Backup is achieved via a dedicated MA on PC system with a fader wing located in front of house Portable data rack. Console software is updated regularly.

TOURING CONSOLE

Touring lighting consoles are typically located at the back of the auditorium, house center-right, behind the sound position.

Touring console position varies from show to show.

Control cable length from dimmers stage right to console is 200 feet.

LIGHTING POSITIONS

There are four permanent house lighting trusses. Rigging points with permanent chain motors on encoders with cable reelers are used for house truss. House trusses are Prolyte S36PRF Fixed PreRigTruss. All trusses are comprised of 10ft sections. The positions and lengths are as follows.

Upstage 50ft
Midstage 50ft
Downstage 40ft
Front of House 40ft

FOLLOW SPOTS

4 total: 4 X 1.2KW Lycian Superstars w/ 6 colour boomerangs (two of each in spot booths house left and right), 80' throw.

EFFECTS

2 Look Solutions Unique 2.1 Haze Machines with integrated fan and Haze Density control system. Hazers are DMX controllable.

RIGGING

All rigging weights are monitored via Broadweight wireless load cells.
Rigging plot can be provided upon request to the Production Dept. in advance.

AUDIO

HOUSE SOUND SYSTEM

37 Box D&B J System with 16 Subs and fills deployed as follows.

L/R ARRAY

- (8) J8s flown per side
- (3) J12s flown per side
- (6) V Subs flown per side behind line array
- (1) Vi10p Corner Fill per side

L/R DECK FILL

- (2) J12s per side
- (2) J Subs per side

CENTRE ARRAY

- (8) J12
- (3) J8

GALLERY FILL

- (6) V12

FRONT FILL

- (8) Clair Brothers FF2-HP Passive 2-Way Front Fills (built in to the front of the stage for seated events)
- (8) D&B Y7 (placed evenly across lip of stage for GA events)

UNDER BALCONY and PROSCENIUM FILLS

Various combinations of Y7 and E6 cabinets throughout the venue for under balcony fills and side proscenium fills.

PROCESSING

D&B Array Processing is utilized for all arrays. All powered by a combination of 30D, 10D and D80 amplifiers. Signal distribution is via Optocore and a full digital signal path is utilized from console to speaker at 96k. FOH processing and EQ is via Meyer Galileo Galaxy Network Audio processors.

CONSOLES

FOH CONSOLE:

Avid VENUE S6L-24D

E6L-144 Engine with MAD1-192 Card

Avid Stage 64 I/O Rack

- (8) AVID SRI-192 Analog Input Cards
- (2) AVID SRO-192 Analog Output Cards
- (2) AVID DSO-192 AES Input Cards
- (1) Denon DN-700RXUS Hard drive Playback / Recorder

MONITOR CONSOLE:

Avid VENUE S6L-24C

E6L-144 Engine with MAD1-192 Card

Avid Stage 64 I/O Rack

- (6) AVID SRI-192 Analog Input Cards
- (3) AVID SRO-192 Analog Output Cards
- (1) AVID DSO-192 AES Input Cards

ANALOG SNAKE & SPLITTER:

- (1) 48 EMG 48-channel 3-way ISO split
- (3) 48-Channel Fan-Out
- (2) 48-Channel extension cable

MONITORS

- (4) D&B D20 amplifiers capable of 4 mixes each (shared facility wide, subject to advance)
- (16) D&B M6 Passive monitors (shared facility wide, subject to advance)
- (2) D&B 18S Subwoofers

TOURING CONSOLES

Touring FOH sound consoles are located at the back of the house adjacent to the lighting position
Control cable length from dimmers stage right or patch bay stage left to console is 200 feet.

MICROPHONES and DI

<p><u>SHURE</u> (8) Beta 58a (4) Beta 87c (4) Beta 57a (1) Beta 91a (1) Beta 52a (6) Beta 98AMP/C (clip-on instr. mic) (2) KSM137</p> <p><u>AUDIO TECHNICA</u> (2) AT-2020 (large diaphragm condenser)</p>	<p><u>SENNHEISER</u> (4) E609 (2) MD421-II (instrument mic)</p> <p><u>AKG</u> (2) AKG414 (large diaphragm condenser)</p> <p><u>NEUMAN</u> (3) KM 184 MT</p> <p><u>RADIAL</u> (4) PRO 48 Active DI (4) PRO D1 Passive DI (2) PRO D2 Stereo DI (1) JPC Computer DI</p>
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COMMUNICATIONS

Riedel system with 15 belt-packs and 18 headsets, located at each stage entrance, at each follow spot, and 5 for front-of-house control positions.

STAGING

STAGE DRAPES

Legs: 2 @ 8' wide x 40' high black wool serge

Backdrop: 1 @ 50' wide x 40' high black wool serge (Acoustic Drape)

ORCHESTRA SEATING and STANDS

Please contact Production Dept. for info on orchestral setups.

ARTIST DRESSING ROOMS

There are seven rooms on B1 Level of the AMC building, plus three more rooms directly under the stage in Massey Hall. Four rooms on B1 level have full washrooms, complete with showers. One room under the stage has a washroom. The others have access to shared washrooms. Two of the rooms can be used as either dressing rooms, or as Production offices.

CATERING and GREEN ROOM

Catering and Green room is located on B1 Level along with Dressing Rooms. The space is divided by a retractable wall, and can easily be set up as one large area or two smaller separate rooms.

BASEMENT BAR

The Basement Bar is located under the main auditorium is equipped as a plug and play club environment.

STAGING

A small stage area is available on the South end of the room. Please contact Production Dept for more info.

POWER

Venue/Room.....	Basement Bar	Venue/Room.....	Basement Bar
Location.....	Stage Left	Location.....	Stage Right
Capacity.....	1 x 200 AMP	Capacity.....	1 x 200 AMP
Phase.....	3	Phase.....	3
Voltage.....	120/208	Voltage.....	120/208
Cycles.....	60	Cycles.....	60
Disconnects: "J" series CAM-LOK.		Disconnects: "J" series CAM-LOK.	
Ground & neutral are reversed		Ground & neutral are reversed	

LIGHTING

All overhead lighting is permanently installed over the stage.

There is one static, pre-programmed look. If more sophisticated control is required, a controller may be used to program. An IATSE operator will be required for any programming.

AUDIO

VENUE PA

Mains L/R: (4) D&B 24S (2 per Side)
 Subs L/R: (4) D&B 18S Subs (2 per Side)
 Fills: (6) D&B 8S Delays (3 delay rings of 2)

AMPLIFIERS

(2) D&B 30D DSP Amp
 (1) D&B 10D DSP Amp

PROCESSING

Meyer Galaxy 616 AES Processor

AUDIO CONSOLE

Avid S6L-16C
 (2) Stage 16 Remote Box (located in stage left rack)

MONITORS

**Monitors controlled by FOH*
 (6) L'Acoustics 108P powered wedges

MICROPHONES and DI

<u>SHURE</u>	<u>RADIAL</u>
(8) SM58	(2) PRO 48 Active DI
(4) SM57	(2) PRO D1 Passive DI
(1) Beta 91a	(2) PRO D2 Stereo DI
(1) Beta 52a	(1) JPC Computer DI
(6) Beta 98 (clip-on instr. mic)	
(3) SM81	

LOBBIES (L2 & L3)

The L2 & L3 Lobbies are functional spaces connecting to Massey Hall via glass-enclosed passerelles. Each lobby is equipped with a permanently installed audio systems perfect for receptions, announcements, ambient music, and small performances.

POWER

Venue/Room..... L2 Lobby	Venue/Room..... L3 Lobby
Location.....East & West side	Location.....East & West side
Capacity.....2 x 200 AMP	Capacity.....2 x 200 AMP
Phase.....3	Phase.....3
Voltage.....120/208	Voltage.....120/208
Cycles.....60	Cycles.....60
Disconnects: "J" series CAM-LOK.	Disconnects: "J" series CAM-LOK.
Ground & neutral are reversed	Ground & neutral are reversed

AUDIO

AUDIO CONSOLE

AVID S3L (portable, and shared between both lobbies)

WIRELESS MICS

TWO 4-channel portable RF racks to each include:

- (2) Sennheiser EM 3732 COM-II dual-channel receivers
- (4) Sennheiser SKM 5200-II handheld mics
- (4) Sennheiser SK 5212 bodypacks
- (1) DPA 4060 lavalier mic

Touring Road Crew and Production Personnel.

Attention Production Managers, Tour Managers, and Event Personnel.

RE: ONTARIO MINISTRY OF LABOUR, OCCUPATIONAL HEALTH AND SAFETY ACT

To Whom It May Concern;

Please be advised that according to the Ontario Ministry of Labour all load in, setup and load out activities occurring in the Province of Ontario fall within Ministry of Labour construction regulations, specifically the Occupational Health and Safety REG 213/91. Under this regulation it is a requirement that appropriate personal protection equipment or PPE be worn by all persons during load-ins, fit-ups, lighting hangs, load outs, tear-downs and strikes. The following PPE is required by the Ministry of Labour.

1. CSA Z195 Grade 1 (Green Patch) safety footwear must be worn by everyone in the area.
2. Hard Hats meeting one of these standards must be worn by everyone in the area.
 - CSA Z94.1 (Type 1, Class E or Type 2, Class E)
 - CSA Z89.1 (Type I, Class E or Type II, Class E)

All persons working within the defined technical setup area of Massey Hall and Roy Thomson Hall are required by law to comply with these requirements. Please ensure that all personnel involved in your production that are required to be within the defined technical setup area are aware of these requirements and that they have appropriate PPE.

The Ministry of Labour regularly enforces these requirements and has the right to enter the premise at any time to inspect working conditions. The Ministry of Labour has the power to issue fines to individual workers and or the employer as well as the authority to shut down all work completely, should they feel that circumstances exist to do so. Please help us to ensure a safe and compliant environment for everyone working within Massey Hall and Roy Thomson Hall.

Thank you,

Doug McKendrick
Vice President, Production
Massey Hall & Roy Thomson Hall

Touring Road Crew and Production Personnel.

Attention Production Managers, Tour Managers, and Event Personnel.

RE: TRANSPORT CANADA REGULATIONS REGARDING INDOOR USE OF UAV'S OR DRONES

To Whom It May Concern;

In accordance with Transport Canada Civil Aviation regulations indoor drone use is not permitted in either Massey Hall or Roy Thomson Hall except under very specific circumstances.

No UAV's or drones will be permitted, regardless of size, weight, a "licensed" operator or insurance when the auditorium is occupied by the public or by people who are not directly involved in the operation of said UAV or drone. Unless the production can secure and provide an event specific SFOC (Special Flight Operations Certificate) from Transport Canada Civil Aviation.

In certain cases where Transport Canada Civil Aviation does not require a specific SFOC (Special Flight Operations Certificate) and the event producers can provide proof of the operator's qualifications, and proof of adequate insurance then the use of drones or UAV's may be permitted at the venues discretion.

An example of a situation where a drone or UAV may be permitted is an indoor movie set, an SFOC would not be required if only the crew and actors are present. However, if there are individuals present within the building or structure who are not directly involved in the operation, then an SFOC would be required. An example of this would be a concert event where members of the public would be present.

Thank you,

Doug McKendrick
Vice President, Production
Massey Hall & Roy Thomson Hall