

The Martha Cohen Theatre

Technical Information

Revised September 2015

Location

Theatre: Lobby access to the Martha Cohen Theatre is off Olympic Plaza on Stephen Avenue.

ATP Office: 220 – 9th Avenue SE
Calgary, Alberta, Canada T2G 5C4
Telephone: 403-294-7475
Fax: 403-294-7493

Stage Door / Loading Dock: 220 – 9th Avenue SE
Calgary, Alberta, Canada T2G 5C4

Contacts: All contacts can be reached by calling 403-294-7475 and speaking with our receptionist.

Booking Coordinators

For more detailed information on renting the Martha Cohen Theatre, the Martha Cohen Theatre Lobby or our Rehearsal Hall, including rental prices, please contact:

David Fraser, Production Manager: 403-294-7476
dfraser@atplive.com

Introduction:

The Martha Cohen Theatre is located at the heart of downtown Calgary in the Arts Commons building on Stephen Avenue. Martha Cohen Theatre's Georgian design takes inspiration from a time when homes were built around an internal courtyard. In that time, traveling theatre groups could perform in the outside space, with audiences hanging out their windows for a view of the action below.

This design has allowed the Martha Cohen Theatre to maintain the intimacy of ATP's original home, the Canmore Opera House at Heritage Park. Despite the Martha Cohen Theatre's full house of 418 seats, no audience member is further from the stage than in the Opera House. Seats wrap around the stage in a semi-circle arrangement, providing a variety of audience sightlines.

The Martha Cohen Theatre is an extraordinarily versatile and modern space, equipped with computerized lighting and sound, a fly gallery, wing space equal to the performing area, an under-stage area for trap doors, and five elevators on the stage which can change the size and shape of the stage itself. With each show, the orchestra section of the audience seating can be moved to provide theatre-in-the-round, promenade theatre, thrust staging or cabaret settings.

Our theatre is named for Dr. Martha Cohen, one of the individuals who spearheaded the development and building of the Calgary Centre for Performing Arts.

Contacts

Technical Personnel

Production Manager	David Fraser	Ex: 7476	dfraser@atplive.com
Technical Director	Trevor McDonald	Ex: 1392	tmcdonald@atplive.com
Head Stage Carpenter	Eric Hindley	Ex: 1129	ehindley@atplive.com
Head Electrician	Andy Fawcett	Ex: 1091	afawcett@atplive.com
Head of Sound	Kam Sherman	Ex:1102	ksherman@atplive.com

General Important Phone Numbers

Stage Door / Security	Ex: 1410
Stage Carpenter Office	Ex: 1129
Lighting / Sound Booth	Ex: 7479

Ticketing

All ticketing is arranged and managed through Arts Commons.

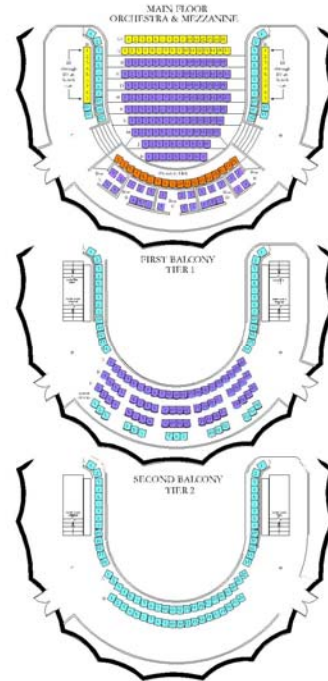
Ticketing Service Manager - Jen Jamer	Ex: 1972	jjamer@artscommons.ca
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Seating:

Standard configuration in the Martha Cohen Theatre is Proscenium. Alternate configurations are possible but there is a significant cost involved in doing so. This re-configuration requires a minimum of 2 days on either side of the event and must be arranged well in advance.

Proscenium Configuration

Orchestra:	154
Orchestra Audio Seats:	- 7
Mezzanine:	46
Premiere Circle:	18
Boxes A-E:	26
First Balcony – Tier 1:	89
First Balcony (Bar Stools):	15
Second Balcony – Tier 2:	70

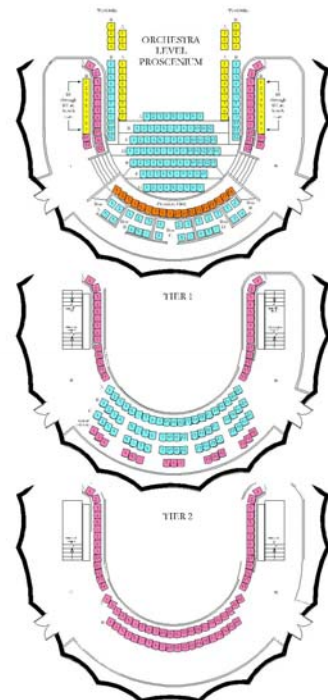


Total (Not Rentals): 418

Available For Rentals: 411

Thrust Configuration

Orchestra:	136
Mezzanine:	46
Premiere Circle:	18
Boxes A-E:	26
First Balcony – Tier 1:	89
First Balcony (Bar Stools):	15
Second Balcony – Tier 2:	70



Total: 400

Stage Information

Loading

There are three loading doors located in the loading dock. These loading bays are shared with five other theatres in the building and should be booked well in advance of load-in.

Loading doors 1 & 3 are equipped with ramps and door 2 is equipped with an elevator.

Door dimensions:

Loading Bay Doors: 9'8" (H) 7'7" (W)

Loading Dock to Shop: 9'10" (H) 8'10" (W)

Shop to Stage: 18' (H) 11'9" (W)

Proscenium Opening

Width

Adjustable Proscenium Walls on Track

Maximum Width: 41'8"

Minimum Width: 34' 9"

Height

Flown Hard Border

Maximum Height: 25' 10.5"

Minimum Height: 16' 8"

Stage Dimensions

Upstage Wall to Downstage Edge – 36' 9"

Upstage Wall to Main Curtain Line – 32' 3"

Main Curtain Line to Downstage Edge – 8'0"

Centre Line to Stage Right Wall – 36' 3"

Centre Line to Stage Left Wall – 68' 3"

Stage Floor to Grid – 56' 10"

Wing Space

Stage Left:

Stage Floor to Concrete Header - 21' 3"

Stage Floor to Air Ducts – 21' .5"

Stage Floor to Plywood Air Baffles – 20' 7.5"

Stage Right:

No usable wing space. All scenery is flown from stage right.

Stage Floor

The Martha Cohen Theatre is equipped with stage elevators and all of which need to be run independently from each other.

Stage elevators can go 3' 11-1/8" lower than deck level.

Elevator Dimensions:

Elevators #1 – 2: 34' 4" (W) 5' 11" (D)

Elevators #3 - 5: 34' 4" (W) 6' 6-3/4" (D)

Elevator Locations:

Elevator #1 – In audience (used as audience seating in proscenium configuration)

Elevators #2 through 5 – On stage (Downstage edge of deck starts with elevator #2)

The additional stage depth is solid flooring and total of 8' 8" upstage from elevator #5 to the upstage wall – 8' 8"

Rigging

Linesets

Total Linesets – 35 Cross Stage (Single Purchase) 2 Upstage/ Downstage (Single Purchase)
 Control – Stage Right Tech Gallery (Lines 10-37 can also be controlled from SR deck level)
 Hemp pinrail at Tech Gallery level on both sides of stage
 Lines 1-9: Full Out Trim = 46'0"
 Lines 10-37: Full Out Trim = 56'0"

Permanently Occupied Lines:

#2 – Adjustable Proscenium Header

#3 – Unusable for Lighting Instruments (Proximity to Fire Curtain)

Lineset Schedule - House Configuration:

(Please confirm that house configuration is in place prior to assignment)

PRODUCTION:		MAXIMUM LINESET CAPACITY: 36 FULL WEIGHTS (1000 LBS.)				
LINESSET	DISTANCE FROM LIP	ITEM	TRIM (0'-0")	WEIGHT (BRICKS)	WEIGHT (LBS.)	NOTES
CYC TRACK	33' 3-1/2"	White Cyc				
37	32' 5"	Legs #6 @ 18' & Border			0	
36	31' 8"	Blackdrop (as border)			0	
35	30' 9"	Grey RP (Storage only)			0	
34		NOT IN SERVICE				
33					0	10'-0" PIPE, MULED BETWEEN LS 5 AND 6, OFFSTAGE LEFT OF CENTRE
32	29' 8"	CYC LX			0	
31	28' 8"				0	
30	27' 8"				0	
29	26' 8"	Scrim			0	
28	25' 8"	Legs #5 @ 18' + Border #5			0	
27	24' 8"				0	
26	23' 8"	LX 4			0	
25	22' 8"	LX 4 Cable pickup			0	
24	21' 8"	White RP			0	
23	20' 8"	Legs @ 18' & Border #4			0	
22	19' 8"				0	
21	18' 8"	Traveller			0	
20	17' 8"	LX 3			0	
19	16' 8"	LX 3 Helper			0	
18	15' 8"				0	
17	14' 8"	Legs @ 18' & Border #3			0	
16	13' 8"				0	
15	12' 8"				0	
14	11' 8"	LX 2			0	
13	10' 8"	LX 2 Helper			0	
12	9' 8"				0	
11	8' 8"	Legs #2 @ 18'			0	
10	7' 8"	Border #2			0	
9	6' 8"				0	
8	5' 8"	LX 1			0	
7	4' 4"	LX 1 Helper			0	
6	3' 8"				0	
5	3' 0"	Legs #1 @ 18'			0	
4	2' 4-1/2"				0	
3	1' 5"	Blackdrop			0	
FIRE CURTAIN						
2	MINUS 1' 0"	HARD PORTAL - BURIED			0	
1	MINUS 1' 6"				0	
TOTAL WEIGHT:				0.0	0	
NOTES:						

Soft Goods

Legs

12	15' x 27'	Good Condition
4	15' x 26'	Somewhat Faded
4	15' x 26'8"	Somewhat Faded

Borders

5	15' x 50'	Good Condition
2	9'6" x 54'6"	Somewhat Faded
2	10' x 56'	Somewhat Faded

Black Drops

2	27' x 50'	Good Condition
1	27' x 59'	Good Shape
1	26'6" x 42'	Good Shape

Traveler Tabs

2	27' x 40'	Good Condition
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Scrim

1	27' x 45'	Black. Slightly Stained
1	27' x 45'	White. Gently Used

Cyc

1	26'6" x 49'	White
1	22'6" x 52'	White
1	22'6" x 112'	White. Quite Yellowed

Rear Projection Screen

1	29'6" x 49'	Black
1	29'6" x 49'	White
1	29' x 72'	White , Quite Stained

Dressing Rooms:

There are a total of five dressing rooms available in the Martha Cohen Theatre. Dressing rooms 1-3 are located on the stage level and each can accommodate two performers comfortably. Dressing rooms 4 & 5 are located one level below stage level and each easily accommodates six performers. All dressing rooms have a private bathroom and shower.

Dressing rooms have a keypad combination lock, which can be re-coded.

The Martha Cohen Theatre has been designated as a non-smoking facility and this includes all e-cigarettes.

Wardrobe

This Equipment Available at Additional Cost to Rental Clients:

- 3 Washers and Dryers
- 2 Irons
- 1 Ironing board
- 1 Commercial Steamer

Green Room:

Located one level below stage level, the green room can easily accommodate a dozen people.

It is equipped with a fridge, a dishwasher, running water, two microwaves, a telephone, ample seating and basic cable television.

Full program sound, and a live video feed from the stage are also available upon request.

Limited Mobility Access:

Stage access: The Martha Cohen Theatre is equipped with an elevator backstage that can access all levels of dressing rooms, the stage and the rehearsal hall.

Auditorium access: There is an elevator in the lobby that requires key access which can access all levels of audience seating. Additionally, there is a single lift assist mechanism that will access the main audience seating level from the box office. *** Please be aware that the upper lobby area where the bars are located is not accessible to limited mobility patrons.*

Rehearsal Hall Information:

Please Note: This MUST be booked separately from the stage .Its use does not automatically come with the stage rental. Please contact the Production Manager to make arrangements.

Location: On the 3rd Floor of Arts Commons. Access from staircase next to Security as well as from the freight elevator located outside upstage right door.

Dimensions: 26'6" X 51'6"

Floor: Sprung with permanent dance marley.

Included Equipment Available

- 75 Armless chairs
- Upright piano
- Full wall mirror
- Perimeter masking
- Small portable sound system

Pyrotechnics

The following requirements must be met when using pyrotechnics, this includes any open flame, in any performance in the Martha Cohen Theatre. These requirements were set out by the City of Calgary Fire Department.

1. All events involving pyrotechnics and any open flame will require a permit from the City of Calgary Fire Prevention Bureau. There is a fee for this permit.
2. Permit requests must be submitted to the Fire Department at least five (5) days prior to the event.
3. A licensed pyrotechnician is required to be present during all rehearsals and performances where pyrotechnics are in use.
4. Pyrotechnic devices shall be inspected and tested in the presence of the attending Inspector.
5. The Technical Director from Alberta Theatre Projects, or a designated alternate from Alberta Theatre Projects must be present at all inspections.
6. Locations of the pyrotechnic devices shall be viewed by the Inspector.
7. Pyrotechnic devices shall be of an approved type.
8. An adequate supply of fire extinguishers and personnel trained in the use of same shall be provided at each performance.
9. The pyro-technician executing the effect must file written notice Alberta Theatre Projects. As well the pyro-technician executing the effect must file proof of insurance. A minimum of Five Million Dollars public liability and public damage is required.
10. Under normal circumstances open flame is not allowed in areas of public assembly. However, the Fire Department may make exceptions. The process for applying to the Fire Department for permission is the same as for pyrotechnics. The conditions under which they will allow open flame are very restrictive! Under no circumstances will they allow open flame in or around the audience or other large groups of people such as a choir.
11. Contracts with third parties should include reference to the pyrotechnic regulations in effect for the Martha Cohen Theatre.

Lighting Information

A Martha Cohen Theatre rental includes a house hang which is comprised of items taken from the total lighting inventory below. Please see the rental lighting information page for details.

Total Lighting Inventory:

Instrument Type	Quant.	Model	Lens	Degree	Watts	Notes & # Used In House Plot
Lekos	240	Source Four	Various	See Below	575w	(122 Used)
	13	Selecon		20°	575w	
	12	Selecon		40°	575w	
	32	Selecon Zoom		23-50°	575w	
ETC Source 4 Lens	4	Source Four		5°		
	4	Source Four		10°		
	100	Source Four		19°		(58 Used)
	81	Source Four		26°		(52 Used)
	77	Source Four		36°		
	20	Source Four		50°		(12 Used)
Fresnels	24	Strand	8" step	8 - 62°	2000w	(24 Used)
	22	Strand	6" step	6 - 55°	1000w	
Parcans	12	ETC MCM Pars	See Below		575W	
	12	Par 46 ACL		11 x 12	250w/28v	Not Working
ETC Par Lens	12	Source Four	VNSP			
	12	Source Four	NSP			
	12	Source Four	MF			
	12	Source Four	WF			
Cyc	12	Iris 4 Strand			1000w/cell	(10 Used)
	5	Iris 1 Strand			1000w/cell	
	20	Pallas 4			500w/cell	
	4	Pallas reflector & bulb			500w	No Housing

Total Lighting Effects Inventory:

1 – Purple Hazer Machine (DMX Controlled)
 1 – LeMaitre Fogger (DMX Controlled)
 1 – Rosco 1700 Fogger (DMX Controlled)
 3 – Rotary Cop Light (8" Diameter)
 1 – Rotary Cop Light (6" Diameter)
 2 – Lycian Super Arc 400w Followspot
 5 – Rosco IQ Mirrors

4 – Apollo Twin Spin Gobo Rotators
 4 – GAM Film Loop Drives
 2 - Source Four Strobe Caps
 3 – DMX Irises
 12 – Chroma Q3 Scrollers w/ 6.5&7.5 plates
 1 – Atomic 3000 Strobe

Dimming:

243 – 2400w Electro-Control Quads
 22 – 6000w Electro-Controls Quads

Lighting Boards:

1 – Strand Classic Pallette (Main)
 1 – Strand Classic Pallette (Backup)

Rental Lighting Information:

The rental lighting hang consists of:

2 Colour Front Wash (5 Wide 4 Deep)
 2 Colour Top Wash (3 Wide 4 Deep)
 2 Colour Tip SL (3 Wide 4 Deep)
 2 Colour Tip SR (3 Wide 4 Deep)
 1 Gobo Wash (3 Wide 4 Deep)

4 Colour Cyc
 4 Colour Groundrow (If Requested)
 12 Top Specials (3 per Overhead Lx)
 4 FOH Specials (1 per FOH)
 6 Low Front Specials (6 from Tier 3)

Rental Lighting Plot – Magic Sheet

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*** Lighting plot, instrument schedule and channel hook-up all available upon request.

Audio Information

A Martha Cohen Theatre rental includes a house system only. This house system is comprised of items taken from the total audio inventory below. Note that there are additional rental costs associated with using equipment that is not part of the house system and so specific requests should be made well in advance with the Production Manager.

Total Audio Inventory:

Speakers:

Mains:

Cluster – 3 x Meyer UPJ-1P + 1 Meyer USW sub

Left/Right – 2 x Meyer UPJ-1P per side, hung top/bottom.

Underbalcs (mezz & Tier 1 only) – 5 x Meyer MM4 per level (addressed with mains – not available for individual addressing)

Lipfill – 7 x Meyer MM4 (single send from console)

Surround – Meyer MM4, 7 zones per level + 4 x Meyer UMS subs in the moat (separately addressable per zone)

Other speakers available for use:

4 x Meyer UPM-1P

8 x QSC AD-S32 (small practical speakers)

4 x Meyer MM4 (no processors available – use for onset practicals only)

Monitors:

4 x Yamaha IF2208 dual 8” low profile wedges

Console:

SD9T Touring Rack Pack:

1x SD9 Surface with dual low noise power supplies, dust cover, 2x littlelites, flight case

1x SD9T Theatre Software Package upgrade

2x D-Rack each with 32 analog input and 8 analog output. (Each with dual Power Supplies)

2x Output Card 8 Analog

2x Furman PL8-C Rackmount 15 amp surge protector and power strip (1 for Booth, 1 for stage box)

2x UPS Backup Power System (1 for booth, 1 for Stage box)

Yamaha 48 channel M7CL, with L/R/Mono, 16 analog outs and 16 digital outs (RME card)

2 x Yamaha AD8HR remote mic pre (8 channels each) – AES/EBU

16 channels digital input from RME card

Midas Venice 360

Processing:

6x Lake LM26 Processors (2in 6out)

1x Lake LM44 Processors (4in 4out)

1x Cisco SF300 24 Port Network Switch

Amps:

QSC CX702– 16 channels(8 two channel units) available in addition to the main system (mains, underbalcs, surround, lipfill)

Playback:

Mac Pro with an RME interface (16 channels I/O)

Software –

When projections are in the Show – Q Lab 2

When there are no projections in the show – Q Lab 3

Mics:

3 x Shure SM86 vocal condenser

Wireless – Shure UR4D 8 channels + 2 channels in lobby, 8 x Shure H4 belt packs, 2 x H4 Handheld, 10 sennheiser gold dot lavs (plus 8 guitar pickup adaptors for the belt packs so wireless instrument pick up is an option)

4 x Shure SM57

2 x Oktava MK-012-01 condenser (both with card and hyper-card capsules)

1 x Sennheiser 421-II Instrument mic

1 x Sennheiser e602-II Kick mic

2 x Sennheiser e614 Supercardioid condenser mic

4x Sennheiser e604 Snare/Tom mics

1 x Crown PZM30D

Editing:

MacPro + 16 channel RME AES/EBU soundcard

Software – Logic Pro 8

Mix position:

Located at the back of the orchestra section – seats in the last row must be pulled for the mix position.

Onstage:

48 mic lines, 24 channels per side;

numerous speaker (NL4), LAN, line level and coms locations around the stage.

Cue lights:

12 individually addressable LAN cue light stations

4 individually addressable LAN relay stations (ie for a phone ringer)

LAN patchbay and multiple LAN locations throughout the theatre allow for extremely flexible placement of cuelights.

Com:

Clearcom

3 channel wired com throughout the space, including galleries, front of house, understage and grid locations.

4 channels of wireless com – HME DX200; range is limited to onstage, sidestages and auditorium.

Program sound & video

Program sound and paging are available to all backstage locations as well as the lobby.

Paging is available at the sm console as well as other locations at stage level.

Program video is supplied to the control booth and stage carp office. Additional video monitor locations can be set-up in most locations including understage and galleries.

Program video camera has both colour and low-light capabilities.

Lobby program video is supplied from a colour camera.

Hearing Assist:

Sennheiser infrared system

12 headsets & test location managed by front of house manager.

**NB – this system requires line of sight to the IR emitters. Persons using the system must be seated on the main floor, orchestra section (except rows A-D) or in the balconies to have reception. Arrangements can be made either through box office or with the front of house manager. **

Projection

(Projection equipment is not included as part of a Martha Cohen Theatre Rental. Projection equipment rental may be arranged by contacting the Production Manager in advance of the event.

Equipment Includes:

2x Eiki LXC 85 - 7K Projector
Native Resolution – 1024 x 768

2x AH 23091 – Power Zoom Lens
Throw Ratio 1.81 – 2.35
F/ 1.7 – 2.0

1x 0001-4316 Wide Angle Lens
Throw Ratio 0.79
F/ 2.5

1x Mac Pro 2.8 Ghz Quad Core Intel Xeon
6 gig Memory
2x ATI Radeon HD 5770 1024MB Graphics Cards – 2 DVI Outs / 4 Mini DV Outs

Playback is done from Qlab 3 V 3.1.13 -Full Pro Bundle

2 x Chief Universal Projector Mounts – C Clamp

1x Creative VF0700 USB Webcam

1x Sony TRV 118 Hi 8 Handy Cam

1x Capture VDIR30RFS – IR Dome Camera – conductor cam

1 Gefen VGA to DVI Scaler

1x Intelix VGA2 – HR - VGA Extender

1x Intelix VGA – HR – VGA Extender

1x Grass Valley ADVC-110 – Digital Video Converter

1x Video Game Jockey – RCA/ Svideo – VGA converter

4x Intelix AVO-V1 – Coax to Cat5 Balun

2x Muxlab 500043 – VGA Balun Female

2x Muxlab 50042 – VGA Balun Male

1x USB Extender