

ERINDALE THEATRE



TECHNICAL SPECIFICATIONS

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The information in the following document was true and correct at the time of printing

The Erindale Theatre reserves the right to adjust its inventory and specifications without notice

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STAGE

Brief Stage Description

Unraked stage with a proscenium arch and flying facilities. Hardwood floor cover with Plywood sheets. Screwing into surface is permitted but larger holes are not allowed unless authorized by Technical Manager. Stage crossover behind the US fly line.

Stage distributed load limit	750kg /m2
Stage point load limit	450kg
Stage rake	No

Apron distribution load limit	500kg/m2
Apron point load limit	Uncertain

Stage Dimensions

Proscenium

Width	Min 10m – Max 18m
Height	Min 4.8m – Max 8m

Setting line

400mm US of DS edge (allows for house curtain).

Distance from (SL = Setting line, CL = Centre line)

SL to DS edge of apron	0.4m
SL to DS edge of Orchestra Lift/Pit	2.8m
SL to first fly line	0.2m
SL to last upstage fly line	7.5m
SL to rear wall	9m + 2m for rear alcove
CL to OP wall (or obstruction)	10.6m
CL to P wall (or obstruction)	11.1m
Stage to underside of grid	11.1m at SL & 10.4m at rear wall

Overhead obstructions

None

Auditorium

Auditorium consists of stalls with a high rake.

Seating capacity **443 + 2 Wheelchair**

Seating capacity with sound console
In auditorium **423 + 2 Wheelchair**

Orchestra Pit

The orchestra pit is covered with fixed floor sections that require four crew to remove.

Dimensions of the orchestra pit	9m x 5m
Orchestra pit maximum capacity	30 Persons

Flying Facilities

Flying system

Orchestra winch is a hand winch line located above the apron

Fly system is a single purchase handline system

Bar 22 is a hand winch line

Flying System Details

Operating Position	OP at stage level & on OP gallery 1
Total number of Lines	22 + Orchestra winch
Panorama Lines	2 Static Bars
Batten Drift	8m
Batten Type	75mm x 50mm RHS
Batten length	16m
Batten Extensions	N/A
Batten Pick-ups	4 Pick-ups
Batten Point Load	80kg
Batten W.W.L.	300kg
Cradle Capacity	320kg
LX bars can be swung	Yes
Fly bars can be swung	Yes

SEE FLY PLOT FOR LINE ALLOCATIONS AND FURTHER INFO

Hanging Plot

SL: Setting Line as indicated previously

Line Type: **SP** = Single Purchase, **DP** = Double Purchase, **MW** = Motor Winch, **HW** = Hand Winch, **HL** = Hand Line

S.W.L = Maximum capacity above bar weight

Line #	Distance from SL	Line Type	S.W.L.	Venue Allocation	Intended Use (hiring company use)
HW	-1400	WN	500Kg	Orchestra winch	
1	600	SP	320Kg	House curtain	
2	900	SP	320Kg	Lx1	
3	1200	SP	320Kg	Legs	
4	1800	SP	320Kg		
5	2100	SP	320Kg	Lx1a	
6	2400	SP	320Kg	Legs/Border	
7	2700	SP	320Kg		
8	3000	SP	320Kg	Lx2	
9	3300	SP	320Kg		
10	3600	SP	320Kg	Mirror ball	
11	4200	SP	320Kg	French action	
12	4500	SP	320Kg	Border	
13	5100	SP	320Kg	Lx3	
14	5400	SP	320Kg		
15	5700	SP	320Kg	Legs/Border	
16	6300	SP	320Kg		
17	6600	SP	320Kg	Lx4	
18	6900	SP	320Kg		
19	7200	SP	320Kg	Lx1b	
20	7500	SP	320Kg	French action	
21	7800	SP	320Kg	Cyclorama	
HW	8100	WN	180Kg		

Drapery

Type	Material	Colour	Width	Height	Quantity
House curtain	100% Wool	Black	16m	5.2m	1
Borders	520 GSM	Black	16m	2m	4
Legs	520 GSM	Black	3m	7m	6
French action	520 GSM	Black	8m	7m	4
Cyclorama	190 GSM	White	16m	5.6m	1

Access Equipment

Elevated Work Platform

Snorkel UL40, push around vertical lift.

Maximum reach is 12.1m

EWP Restrictions

Outriggers must be used at all times, one staff member to be located at the base whilst in use. Licence must be Validated.

Ladders

- 1 x **1.8m** Fibre glass step ladder
- 1 x **2.9m** Aluminium step ladder
- 1 x **3.7m – 6.5m** Aluminium Extension ladder

Staging Units

- | | |
|-----------------------------------|--|
| 8 x Timber top/metal frame rostra | 1.2m x 2.4m x 0.6m or 0.3m legs |
| 2 x Timber top/metal frame rostra | 1.2m x 2.4m x 0.6m or 0.3m legs |
| 4 x Portable stage panels | 1.2m x 2.4m x 0.8m to 1.4m legs |

Stage Covers

- | | |
|-------------------|------------------------------|
| Style | Tarkett |
| Dimensions | 6 rolls of 2m x 12.5m |
| Colour | Black or white |
| Tap safe | Yes |

Stage Traps

- There is one stage trap located DS Prompt side on apron.
Trap dimensions are **615mm x 730mm**

Loading Dock

Access

Truck access via carpark off McBryde Crescent. Truck able to reverse up to loading dock.

- | | | | | | | | | | | | | | |
|---------------------|--|--------------|----------------|--|------------------|------------|----------------|--|------------------|---------------|----------------|--|------------------|
| Loading Dock Height | 1.2m | | | | | | | | | | | | |
| Door Dimensions | <table border="0"> <tr> <td>Loading Dock</td> <td>3m High</td> </tr> <tr> <td></td> <td>1.8m Wide</td> </tr> <tr> <td>Stage Door</td> <td>3m High</td> </tr> <tr> <td></td> <td>1.8m Wide</td> </tr> <tr> <td>Workshop Door</td> <td>3m High</td> </tr> <tr> <td></td> <td>1.6m Wide</td> </tr> </table> | Loading Dock | 3m High | | 1.8m Wide | Stage Door | 3m High | | 1.8m Wide | Workshop Door | 3m High | | 1.6m Wide |
| Loading Dock | 3m High | | | | | | | | | | | | |
| | 1.8m Wide | | | | | | | | | | | | |
| Stage Door | 3m High | | | | | | | | | | | | |
| | 1.8m Wide | | | | | | | | | | | | |
| Workshop Door | 3m High | | | | | | | | | | | | |
| | 1.6m Wide | | | | | | | | | | | | |

Staging Notes

The Technical Manager will need to inspect and approve all flown set pieces. Please note that structural work may be needed to be done on set to meet safety standards and Erindale Theatre reserves the right to refuse certain set or rigging done to be flown. All flown set is to be listed with dimensions and sent to the Technical Manager via email a minimum of one week prior to booking.

LIGHTING

Positions

Stage Lx Bars All stage bars can be swung see hanging plot standard Lx bar locations

FOH Bridge

Setting line to lighting bar	14m
Height above stage	9m
Useable bar width	17m

Prompt Ladder

Setting line to lighting bar	11m
Useable bar height	3.5m

OFF-Prompt ladder

Setting line to Lighting bar	11m
Useable bar height	3.5m

Control

Available positions	Control room and Auditorium
Lighting console	ETC ION Attached 20 sub master board
Output parameters	1024 + 4096 Artnet
Remote riggers available on stage	Yes
Signal output	DMX 512 and Artnet Protocol
Signal distribution	Stream A to main dimmer room control Stream B to Prompt gallery second floor (Controls all LED stage and Cyc wash)

Dimmer Systems

Total Dimmers	84ch
1x Fixed in house	60ch
1x Jands wall mount	12ch
1x LSC Epak	12ch

Dimmer location

Dimmer outlets are located on the Prompt side second floor and in the pitt

Lighting Notes

Lanterns for standard rig cannot be relocated unless prior approval, Standard rig provides excellent stage and Cyc wash (RGBW)

House Lights

Independent control	Yes with adjustable fade time
Control Positions	Control room, Stage managers desk

Stage Luminaires**Front of house**

Make	Model	Angle	Detail/Accessories	Watt	Total
Selecon	ZS1200M	16/32°	FOH Bridge	1000w	6
Selecon	Acclaim	18/34°	FOH Bridge	575w	6
ETC	Source 4 CE	26°	FOH Bridge	750w	6

Decal/Gobo

Make	Model	Angle	Detail/Accessories	Watt	Total
Selecon	ZS1200N	8/16°	Decals	1000w	6
Selecon	ZS1200N	8/16°	Gobos	1000w	2

Stage

Make	Model	Angle	Details/Accessories	Watt	Total
ETC	Source 4 Jnr	Fixed 26°	Down Spot	750w	9
ETC	Source 4 Jnr	Fixed 36°	CS, CBS	750w	4
Martin	Rush Par2	10/60°	LED Stage wash 12ch	151w	12
Selecon	PLCYC	38° ^ 42° >	LED Cyc wash 10ch	140w	9
Strand	ALTO	8/16°	Mirror Ball	2000w	2
Showtech	Fresnel 50	17-50°	US Wash	64w	4
Selecon	Rama	7/55°	Side Lights	1000w	10
Phillips	Apollo Kombi	Flood	Foot Lights	500w	3
Brilliant lighting	74210/06	Flood	Blinders	500w	2
Acme	XA400	8-45°	Moving head	270w	8

Follow spots

Make	Model	Angle	Details/Accessories	Watt	Total
Selecon	Performance	5/9°	6 Colour Magazine	2000w	2

Stored

Make	Model	Angle	Watt	Total
Selecon	Rama	7/55°	1000w	6
Selecon	ZS1200M	16/32°	1000w	3
Selecon	Acclaim	18/34°	575w	4
Pro par	Par 16	35°	50w	27

Power**3 Phase Outlets**

- 3x 32amp prompt stage floor
- 1x 32amp Prompt gallery second floor

Cabling**240v Extension cable – Black**

- 20 x 20m
- 20 x 10m
- 20 x 5m
- 20 x 3m
- 20 x 2m

20 x 1m

Weiland

12 x 6 way at 40m

3 phase Extensions

2x 32amp extension 3 phase leads – 20m

AUDIO

Control Points

Control room	Yes
Location detail	Bio Box
Auditorium	Yes
Location Detail	Rear Off Prompt

Patching

- 5x analogue male XLR inputs from prompt corner
- 2x analogue male XLR inputs from off-prompt corner
- 6x analogue male XLR inputs along fly tower
- 2x analogue male XLR inputs on rear alcove wall
- 1x analogue male XLR input centre back in stage trap

Stage Systems

Cable

- 20 x 10m
- 20 x 5m
- 20 x 3m
- 20 x 1m

Multicore

- 1x Jands 8ch 10m
- 1x Clarity 16ch 4 returns 20m
- 1x 32i Stage box

Digital Audio Consoles

Sound craft consoles

SI Impact (32 + 32)

Si Compact (32 + 32)

Analog Audio Consoles

Midas

Venice 320 (32 + 8)

Playback

Item	Make	Model	Detail	Total
Multi media player	Redback	A2706F	CD / USB / SD / Bluetooth	1
MacBook pro 13"	Apple	Qlab	USB / AUX / HDMI	1

Accessories

Item	Model	Detail / Accessories	Total
Microphone stands	Tri base	Boom arm tall	8
Microphone stands	Tri base	Boom arm short	0
Microphone stands	Round base	Straight	0

Theatre Microphones

Make	Model	Detail / accessories	Use	Total
Sennheiser	Ew G4	Wireless hand held	Vocal	4
Sennheiser	SK 100 G4	Wireless belt pack	Vocal or instrument	4
Shure	MX412D/C	Base touch to talk	Vocal	2
Shure	Micro flex	Lectern	Vocal	2
Sennheiser	E815S	Wired	Vocal	1

House Speaker System

FOH Speakers

JBL BRX Line array in Left and Right.

Array per side

8 x JBL BRX-308LA

Floor subs per side

2 x JBL BRX-325SP

Control & Amplification

Control

1x DBX – VENU360 Integrated signal processor with all parametric EQ set for systems.

Amplifiers

6 x JBL 1,000w per channel, 6 channel amplifiers.

Foldback

SLX 300 x 4 with 1x crown 4200 XTI amplifier.

Audio Notes

Additional audio systems can be requested

Audio Visual

Projectors

Type	Model	Detail/Accessories	Total
NEC	NP – PA803ULG	8000 lumens laser (Cyc backdrop)	1
Sony	VPL – CX150	3500 lumens	1
NEC	MT – 1075	4200 lumens	1

Additional LED Screens

(Not inclusive of standard rig, hire charges apply)

AV Playback Equipment

Item	Model	Detail/Accessories	Total
Apple	MacBook Pro	Various mini display port adaptors	1

Projector Rigging Points

Projector cradles can be rigged from any available horizontal bar or fly line.

1m projector mount.

Cabling

Cat5 is permanently installed to patch panels located in the control room and at the stage managers console.

HDMI or VGA can be used from these ports.

BACKSTAGE

Communications

Stage Managers Desk

Stage managers desk is located Down stage prompt corner. It is a fixed desk fitted with house light controls, a clock and 3 TV's for prompting. (infrared, orchestra pit and colour)

Talkback – Wired

Master unit	ClearCom 2 Channel Main Station MS-702
Total sub stations	10
Total headsets	9 (shared between systems)
Radio Units in house	N/A

Talkback patching locations

- Greenroom
- Prompt US
- Stage managers desk
- OP Fly tower
- Orchestra pitt
- Bio Box
- Gallery Level 2 OP US
- Gallery Level 2 P US
- Follow spot P Gallery
- Follow spot OP Gallery
- Row H
- Row Q
- Box Office

Talkback – Wireless

Master Unit	Radio com BTR-800
Total Sub Stations	4
Total Headsets	9 (shared between systems)

Paging / Show relay

Paging to the dressing room, green room and workshop available from stage managers desk. Each room has individual volume control. Show relay is distributed to dressing room, green room, foyer, orchestra pitt, OP and P stage corners.

Stage monitor

Dressing room, SM desk, green room, Bio box, Foyer, Fly tower and Workshop. All TV's display a colour feed, SM and Fly tower have options of infrared or colour. Cameras are located under centre bridge.

Dressing Rooms

Dressing room	Capacity	Toilets	Shower	Details
Dressing room	120	Yes	Yes	
Green room	80	Yes	Yes	
Workshop	80	No	No	Upon request
Classrooms (9)	50	Yes	No	Additional charge

Laundry / Wardrobe

Washing Machines	1 in Green room
Dryers	1 in Green room
Drying rooms	N/A
Iron / Ironing board	Upon Request
Clothes racks	Located in Dressing room
Towels	N/A

Production Facilities

Production Desk

Production desk setup in the centre of **H Row**. Table accommodates 4 people with access to Power, DMX and talkback.

Production Office

Upon Request

Internet access

Yes, upon request (charges apply)

Greenroom

Tea / Coffee facilities	Yes
Fridge	Yes
Microwave	Yes
Running water	Yes

Stage Door

Access

Stage door is located adjacent to Erindale college off McBryde Crescent signed double doors.

ADDITIONAL FACILITIES & INFORMATION

Orchestral

Yamaha Upright piano
Yamaha baby grand piano
21 music stands
11 sconces
4 GPO outlets

Rehearsal Space

Multiple rehearsal areas are available located within the Erindale college and the workshop located rear of venue