



## AUDITORIUM TECHNICAL INFORMATION

Effective: January 1, 2017

If this document is more than a year old please contact the technical office at (905) 338-4162 or visit [www.oakvillecentre.ca/techinfo.htm](http://www.oakvillecentre.ca/techinfo.htm)

### 1. POLICIES AND PROCEDURES

- a) All cast and crew are asked to enter and exit through the stage door at the Southwest corner of the building.
- b) The stage door will be locked 15 minutes prior to the start of the performance. Alternatively clients can post security personnel at the stage door to control access.
- c) **Smoking is not permitted anywhere on the premises. This includes smoking written in the script as part of a play. Fake or unlit cigarettes should be used in their place.**
- d) **Alcoholic beverages are permitted only in licensed areas of the building. Not in the dressing rooms or on stage.**
- e) Food and beverages are not permitted on stage or in the auditorium. Water is permitted.
- f) Bulletin boards have been provided for displaying notices throughout the building. Notices taped to painted surfaces will be removed.
- g) A working Technical Supervisor is provided with every booking. Additional technical staff maybe arranged through the technical office with 2 weeks prior notice.
- h) Additional equipment and gobos can be provided with 2 weeks' notice at an additional charge.
- i) The fire curtain line must be able to be cleared within three minutes at any time during an event.
- j) The use of flammable solvents, open flame, or fire is not allowed on the premises without written permission from the Oakville Fire department.
- k) Only personnel authorized by the Technical Supervisor are permitted to operate Oakville Centre equipment; including the fly system and scissor lift.
- l) All touring crew and stagehands are required to wear safety foot ware on stage and in the loading areas during all load ins, set ups and strikes. Other PPE as necessary may be issued by the Supervisor on duty.
- m) Nailing, screwing or stapling to the stage floor is prohibited.
- n) The auditorium must be completely cleared of all personnel 30 minutes prior to the performance. The Technical Supervisor will act as liaison with the House Manager to open the house and will be notified by the House Manager when the house is in.
- o) In order to arrange tuning, we require two weeks' notice if you intend to use one of our pianos.
- p) Any production planning on using pyrotechnics must contact the technical office a minimum of 2 weeks (4 weeks is recommended) prior to the load in of the production. The Authority Having Jurisdiction in Oakville is the Oakville Fire Department.
- q) Any production planning on using auxiliary power must contact the technical department at least 2 weeks prior to the load in so that an electrician and ESA permits can be arranged.
- r) Any production planning on flying any scenic elements must provide details to the technical office at least 2 weeks prior to the load in.

- s) The Oakville Centre requires that a house announcement be made at the start of every show stating that the use of flash photography and recording devices is strictly prohibited as well as a reminder to silence all electronic devices.
- t) All belongings, set pieces and equipment must be removed at the end of the booking unless cleared with the technical department 1 week in advance. Additional cost may be incurred.
- u) The Oakville Centre will not fly performers in the theatre. If you are considering flying performers contact the theatre immediately.
- v) Persons needing wheel chair access to the stage should contact the theatre in advance of booking the theatre.
- w) Productions intending to use live animals in a performance must obtain a permit from the Town of Oakville. See Schedule 3 by-law number [2008-093](#). Please see the [permit application](#) for more information.
- x) Videotaping of performances must take place in prearranged locations in the auditorium or Studio. Cameras must remain in a fixed location **at all times** when there is an audience in the room.
- y) Wireless internet access is available in the building at no charge. It is subject to the internet access policy of the Town of Oakville and can be restrictive.

## 2. STAGE ACCESSORIES

Skyjack SJIII 3219 scissor lift  
 6', 8', 10', & 12' step ladders  
 12 - 4' x 8' x 6" risers riser legs are available – contact the technical department for details.  
 4 - 4' x 4' x 6" risers  
 4 - 2' x 8' x 6" risers  
 Wenger Diva concert shell – walls only no ceiling panels  
 50 Manhasset music stands  
 36 Manhasset music stand lights  
 70 Wenger Musician chairs black - straight back & armless  
 4 black wooden stools 30" tall  
 48" Clearsonic drum shield - 5 panels  
 4 rubber backed dark grey carpets 4' x 8'  
 2 Lecterns – solid oak with Littlelite and Countryman Isomax 4 microphone  
 1 Yamaha CFIII 9' concert grand piano on stage only  
 1 Kawai upright piano located in the orchestra pit.  
**Additional charge applies for mandatory tuning of piano prior to use.**  
 1 Roland RD800 stage piano  
 1 Fender '65 Twin Reverb guitar amplifier  
 1 Gallien-Krueger 1001RB-II bass amplifier & Gallien-Krueger 410RBH bass amplifier cabinet  
 1 Yamaha Absolute Hybrid Maple 5 piece drum set with Zildjian A cymbal set  
 5 rolls Harlequin Reversible black / grey dance floor (approx 44' x 2m per roll)  
 1 Le Maitre Radiance Haze Machine **(additional charge applies)**  
 1 Le Maitre G150 Fog Machine **(additional charge applies)**

## 3. WARDROBE

Laundry facilities are available at the theatre.  
 The theatre has an iron, ironing board and professional steamer.

## 4. STAGE DIMENSIONS

Proscenium opening	width 38'	height 18'
Stage depth from apron to cyc	40'	
Stage depth from apron to main curtain	11'	
Stage right wing space	10'	
Stage left wing space	25'	

The loading dock is located upstage left at stage level. It is truck bed height.  
 The door is 10' wide x 11'6" high

## 5. LIGHTING

**There is a house lighting plot. Please see drawing for details. Please note that booms are not normally included in the house lighting plot.**

### a) Control

MA Lighting grandMA2 light with fader wing  
MA Lighting onPC backup  
DMX is distributed throughout the room using 2 Pathways Octo Nodes  
288 Strand C21 dimmers (dimmer per circuit)  
Dimmers reside on a Strand Shownet network.  
Guest console access to the lighting network is provided through a Pathways Quattro node.

### b) Circuits

All circuits are 20A 125V new style twistlock.  
31 in the Front of House, 6 in SL box boom, 6 in SR box boom  
10 on Concert pipe  
24 on 1st electric           line set # 4  
24 on 2nd electric           line set # 12  
24 on 3rd electric           line set # 19  
12 on cyc electric           line set # 23  
18 on 4th electric           line set # 27  
32 on floor, 2 in the orchestra pit  
60 circuits stage left wall at 22' AFF – 10 socapex  
24 circuits stage right on cable drops from grid – 4 socapex  
1 circuit on each electric is reserved for work lights

### c) Instruments

33 Strand SL zoom 15-32 degree	575 W	located in the FOH catwalk only
6 ETC Source Four 14 degree	750 W	
20 ETC Source Four 19 degree	750 W	(4 permanently located in box boom)
20 ETC Source Four 26 degree	750 W	(2 permanently located in box boom)
56 ETC Source Four 36 degree	750 W	
12 ETC Source Four 50 degree	750 W	
6 ETC Source Four 70 degree	750 W	
6 ETC Source Four 90 degree	750 W	
4 ETC Source Four Lustr+ 19 degree	LED	(4 permanently located in box boom)
12 ETC Source Four Lustr+ 26 degree	LED	(2 permanently located in box boom)
20 ETC Source Four Lustr+ 36 degree	LED	
36 Selecon 7" Rama Fresnels	1 kW	c/w barn doors
36 ETC Source Four Pars	750 W	normally narrow lenses
6 Strand Iris 4 - 4 colour x 6 fixtures	1 kW	4 colours of cyc lights (line set #23)
27 Altman FC-1 ground row cyc lights	1 kW	3 colours of ground row
5 Altman Spectra Cyc 200	LED	cyc lights (line set #23)
8 Altman Spectra Cyc 100	LED	ground row
9 Vari*lite VL1100TS moving lights	1200 W	
3 Vari*lite VL1100TSD moving lights	1200 W	located on FOH winch ONLY
6 GLP Impression Spot One	LED	
2 Robert Juliat Roxie followspots	LED	located in booth only
2 Arri 3" Fresnels	300 W	c/w barn doors
2 Martin Atomic 3000 strobe lights		
2 Chauvet black lights	LED	
12 Elation Optiquad pars	LED	
12 Chauvet COLORado 2-Quad Zoom Tour pars		LED

Please note that all ETC Source Four lens tubes are the EDLT version.

### d) Colour Media

We stock all Roscolux 2 digit and 3 digit colours.

**e) Auxiliary Power**

- 400A 3 phase 5 wire Down Stage Left with Cam-lock connectors
- 200A 3 phase 5 wire Down Stage Left with Cam-lock connectors
- 200A 3 phase 5 wire Down Stage Right
- 100A 3 phase 5 wire Up Stage Centre with Cam-lock connectors

**\*All Single Pin Electrical Tie-Ins require ESA Inspection At Additional Cost**

**f) Accessories**

- 10 - 8' or 12' Boom Stands
- 12 - Floor Plates
- 1 mirror ball 20" with American DJ DMX controlled mirror ball motor
- 2 Diversitronics ESM-DMX Strobe caps for ETC Source Fours ellipsoidal fixtures
- 12 City Theatrical drop in iris for ETC Source Fours (#2180)
- 6 City Theatrical drop in iris for Strand SL's (#2186)
- 24 A size City theatrical sandwich gobo holders (#2150)
- 24 B size City theatrical sandwich gobo holders (#2160)
- 24 A size City theatrical tab gobo holders (#2050)
- 24 B size City theatrical tab gobo holders (#2060)
- 12 B size City Theatrical glass gobo holders (#2173)

## 6. AUDIO

### a) Front of House Mix Position

Soundcraft Vi4 Digital mixing console located in the rear of the theatre only  
2 Denon DN-700C CD players

### b) Booth

Soundcraft Si Performer 1  
2 Denon DN-700C CD players  
1 HHB CDR 830 BurnIT Plus CD recorder

### c) Speaker System

The main speaker system is a flown d&b audiotechnik speaker system consisting of a T-Series centre line array (7 Ti10 speakers) with Q-Series fill boxes on each side (1 Qi7 and 1 Qi10 speaker per side). There are two (2) 27A subwoofers permanently mounted in the ceiling. There are seven (7) E5 speakers cut into the front edge of the stage as front fill. If required, there are two (2) V-SUB subwoofers that can be placed on each set of stairs to the house on either side of the stage. BSS Soundweb London (blue) controls all processing, time alignment and EQ. The speaker system has been setup using SIA Smaart Live. Speakers are powered by d&b d80 and d6 amplifiers.

### d) Monitor System

Soundcraft Vi4 Digital mixing console  
10 d&b audiotechnik M6 monitors  
2 d&b audiotechnik M4 monitors  
3 d&b audiotechnik d80 amplifiers  
2 JBL PRX715XLF self powered subwoofer  
4 JBL PRX712 speakers  
1 Radial Engineering 56 channel Convertible V12 Modular 3 way mic split  
Standard configuration is 11 mixes plus a listen mix.  
Normal setup is stage right  
6 Sennheiser 2000 wireless in-ear monitor transmitters (**additional charge applies**)  
6 Sennheiser EK2000 c/w IE-4 earphones

### e) Microphones

4 AKG C414 XLS (2 stereo matched pairs)  
2 AKG C451E with CK1 capsules  
4 AKG C391B  
1 AKG D112  
3 Audio Technica ATM 25  
3 Audio Technica AT 4033  
3 Crown PCC 160  
4 Neumann KM184  
6 Sennheiser MD 421-II  
2 Sennheiser MD 441  
2 Sennheiser e 609  
1 Sennheiser e 901  
2 Sennheiser e 902  
8 Sennheiser e 904  
4 Sennheiser e965  
1 Shure Beta 52  
4 Shure Beta 57  
4 Shure SM 57  
4 Shure Beta 58  
2 Shure SM 58  
1 Shure Beta 91  
4 Shure Beta 98 D/S  
1 Helpinstill Model 180 piano sensor installed in the Yamaha Grand CFIII 9' piano

**f) DI's**

12 Countryman Type 85 active DI's  
4 Countryman Type 85S active stereo DI  
2 Passive DI's

**g) Wireless Microphones**

12 Sennheiser 2000 wireless receivers (**additional charge applies**)  
8 Sennheiser SKM 2000 c/w e965 capsule handheld transmitters  
12 Sennheiser SK 2000 wireless belt packs  
12 Countryman E6 headset mics for Sennheiser SK 2000 wireless belt packs  
8 Sennheiser MKE – 2 Gold lavalier microphones for Sennheiser SK 2000 wireless belt packs

**h) Microphone Stands**

18 K&M tall boom stands (black)  
8 K&M short boom stands (black)  
6 K&M round base stands (black)

**i) Program Sound and Paging**

Paging is available from stage right and the booth.  
Monitors are located in each dressing room, hallway, green room, technical office & control booth

**j) Intercom**

PS464 Clearcom power supply 4 channel main station (located in the booth)  
2 Remote stations (located stage right & at the lighting console)  
Clearcom Freespeak II wireless intercom with 6 belt packs  
8 Clearcom belt packs  
8 DT108 Beyer Headsets  
2 Clearcom HS-6 handsets

**k) Power**

Technical power is provided specifically for the audio system  
60 amp 3 phase disconnect c/w camlocks located upstage centre  
2 – 20 amp 125/250 volt circuits are available stage right and stage left for monitor racks.  
15 amp 125 volt circuits and 20 amp 125 volt circuits are also available.

**7. VIDEO EQUIPMENT**

**a) Video Projectors**

Christie Digital Roadster HD10K-M 1080 HD DLP projector (11,000 lumens) c/w Hanging frame  
Christie Digital Lens ILS 1.16-1.49HD  
or Christie Digital Lens ILS 1.8-2.6HD

**b) Screens**

10' x 18' Draper Truss-style Cinefold with front or rear projection surface

**c) Playback**

2 Denon DN-500BD Blu-ray players

## 8. FLY SYSTEM

### a) Line Set Schedule

Line	Description	Notes	Height in feet	Width in feet	Distance to plaster line
0	Fire curtain				
1	Main curtain 50% fullness	Flies only – burgundy	22	46	0' 9"
2	1 Border		7	48	1' 7"
3	1 Leg - 2 panels 50% fullness		24	12	2' 1"
4	1 Electric	Truss batten			3' 0"
5	Spare				4' 6"
6	Spare				5' 5"
7	Spare				6' 10"
8	Spare	Truss batten			7' 7"
9	Spare				8' 3"
10	2 Border		12	48	9' 1"
11	2 Leg - 2 panels 50% fullness		24	16	9' 10"
12	2 Electric	Truss batten			11' 3"
13	Midstage traveler 50% fullness	Travels from stage right	24	46	12' 8"
14	Spare				13' 7"
15	Spare				14' 5"
16	Spare	Truss batten			15' 0"
17	3 Border		12	48	16' 9"
18	3 Leg - 2 panels 50% fullness		24	16	17' 7"
19	3 Electric	Truss batten			18' 9"
20	Spare				20' 3"
21	Spare	Truss batten			21' 1"
22	4 Border		12	48	21' 9"
23	Cyclorama electric	Truss batten			22' 5"
24	Stage right up/down (German)	Truss batten			
25	4 Legs - 2 panels 50% fullness		24	16	23' 8"
26	Spare				24' 5"
27	4 Electric	Truss batten			26' 0"
28	Upstage traveler 50% fullness	Travels from stage right	24	48	27' 0"
29	Spare				27' 10"
30	Spare				28' 8"
31	Cyclorama / White Scrim	Scrim is hung downstage	24	46	29' 6"
32	Stage left up/down (German)	Truss batten			
	Unobstructed upstage wall				32'0"

All drapery is 25 ounce black velour unless otherwise specified.

The cyclorama is white PVC with a white sharks tooth scrim hung on the same line set.

Maximum production payload per line-set: 1000lb (250lb single point)

Operating gallery is at stage level stage right.

### b) Extra Drapery

Borders	1 - 8' h x 48' w black velour no fullness
Legs	1 pair - each panel 24' h x 12' w black velour 50% fullness
Scrim	1 - 22' h x 48' w sharks tooth black
Blackout drop	2 - 20' h x 24' w black velour no fullness
Silks	6 - 28' h x 5' w white silk drapes

### c) Rigging Information

A mesh grid allows for spot lines in only 4 positions on the horizontal plane of the stage, 22' 8" & 7'8" stage left of centre and 7'4" & 22'4" stage right of centre.

The theatre owns 12 - 1 ton beam clamps for hanging points.