

AUDITORIUM TECHNICAL INFORMATION

Effective: February 8, 2025

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

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, dressing room hallway, green room 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) Additional equipment and gobos can be provided with 2 weeks' notice at an additional charge.
- h) The fire curtain line must be able to be cleared within three minutes at any time during an event.
- i) The use of flammable solvents, open flame, or fire is not allowed on the premises without written permission from the Oakville Fire Department.
- j) Only personnel authorized by the Technical Supervisor are permitted to operate Oakville Centre equipment, including the fly system and scissor lift.
- k) 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.
- l) Nailing, screwing or stapling to the stage floor is prohibited.
- m) 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.
- n) To arrange tuning, we require two weeks' notice if you intend to use one of our pianos.
- o) 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.
- p) 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.
- q) Any production planning on flying any scenic elements must provide details to the technical office at least 2 weeks prior to the load in.
- r) 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.
- s) 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.

- t) The Oakville Centre will not fly performers in the theatre. If you are considering flying performers contact the theatre immediately.
- u) Persons needing wheelchair access to the stage should contact the theatre in advance of booking the theatre.
- v) 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.
- w) Videotaping of performances must take place in prearranged locations in the auditorium or Studio. Cameras must always remain in a fixed location when there is an audience in the room.
- x) 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 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		

3. VIDEO EQUIPMENT

- a) *Video Projector*
Barco SP2K-15S 15,000 Lumen cinema projector with DCP playback
Barco 2.0-3.9 lens
- b) *Screen*
10' x 18' Draper Truss-style Cinefold with front or rear projection surface
- c) *Playback*
DCP through the Barco projector
Mac Mini computers with QLab playback software

4. WARDROBE

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

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 on PC backup

DMX is distributed throughout the room using Pathways Nodes

288 Strand C21 dimmers (dimmer per circuit)

Dimmers reside on sACN network

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

c) *Instruments*

21 – ETC Source Four Series 3 Lustr X8 15°-30°	LED	located in the FOH catwalk only
4 – ETC Source Four Series 3 Lustr X8 25°-50°	LED	
20 – ETC Source Four Series 3 Lustr X8 Fresnels	LED	c/w barn doors
10 – ETC Source Four Series 3 Lustr X8 26°	LED	
18 – ETC Source Four Series 3 Lustr X8 36°	LED	
4 – ETC Source Four Series 2 Tungsten HD 19°	LED	(permanently located in box boom)
8 – ETC Source Four Series 2 Tungsten HD 26°	LED	(permanently located in box boom)
4 – ETC Source Four Series 2 Tungsten HD 15°-30°	LED	(permanently located in box boom)
30 – ETC Source Four Lustr+ 36 degree	LED	(located on dance booms)
5 – Altman Spectra Cyc 200	LED	cyc lights (line set #23)
8 – Altman Spectra Cyc 100	LED	ground row
8 – Astera AX5 TriplePAR Wireless	LED	Wireless DMX and battery powered
8 – Astera PixelBricks	LED	Wireless DMX and battery powered
2 – Chauvet Strike Array 2	LED	
12 – Chauvet COLORado 2-Quad Zoom Tour pars	LED	
12 – ETC Lonestar profile moving lights	LED	(4 located on FOH winch ONLY)
12 – Robe Lighting LEDBeam 350 wash moving lights	LED	
9 – Vari*lite VL1100TS moving lights	1200 W	
3 – Vari*lite VL1100TSD moving lights	1200 W	
2 – Martin Atomic 3000 strobe lights		
2 – Robert Juliat Roxie followspots	LED	located in booth only

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

d) *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 an ESA Inspection at an additional Cost**

e) *Accessories*

10 – 8' or 12' Boom Stands

12 – Floor Plates 1 mirror ball 20" with American DJ DMX controlled mirror ball motor

11 – City Theatrical drop in iris for ETC Source Fours (#2180)

24 – A size City theatrical sandwich gobo holders (#2150)

24 – B size City theatrical sandwich gobo holders (#2160)

12 – B size City Theatrical glass gobo holders (#2173)

6. AUDIO

a) *Front of House Mix Position*

Digico SD12 Digital mixing console located in the rear of the theatre only

2 – Denon DN-700C CD players

Mac Mini computer with QLab software

b) *Booth*

Digico S21 Digital mixing console with Dante card. 32 inputs from stage

2 – Denon DN-700C CD players

Mac Mini computer with QLab software

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 Smart Live. Speakers are powered by d&b d80 and d6 amplifiers.

d) *Monitor System*

Digico SD12 Digital mixing console located downstage right only

12 – d&b audiotechnik M6 monitors

2 – d&b audiotechnik M4 monitors

3 – d&b audiotechnik d80 amplifiers

2 – JBL PRX915XLF self powered subwoofer

4 – JBL PRX912 speakers

1 – Radial Engineering 56 channel Convertible V12 Modular 3 way mic split

Standard configuration is 11 mixes plus a listen mix

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
- 4 – Crown PCC 160
- 6 – dpa 4099 with a variety of clips for
- 2 – dpa 2012
- 4 – dpa 2015
- 1 – dpa 4055
- 4 – Neumann KM184
- 6 – Sennheiser MD 421-II
- 2 – Sennheiser MD 441
- 2 – Sennheiser e609
- 1 – Sennheiser e901
- 2 – Sennheiser e902
- 8 – Sennheiser e904
- 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 Steinway Model D 9' piano

f) *Wireless Microphones*

- 24 – Shure Axient Digital receivers (additional charge applies)
- 8 – Shure AD2 with KSM9 capsule handheld transmitters (additional charge applies)
- 24 – Shure AD1 wireless belt packs (additional charge applies)
- 24 – dpa 4066 headset mics for Shure AD1 wireless belt packs
- 12 – dpa 4061 lavalier microphones for Shure AD1 wireless belt packs

g) *DI's*

- 12 – Countryman Type 85 active DI's
- 4 – Countryman Type 85S active stereo DI
- 8 – Radial JDI passive DI's

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)

1 – Remote stations located stage right

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. STAGE ACCESSORIES

Skyjack SJIII 3219 scissor lift

6', 8', 10', & 12' step ladders

12 – 4' x 8' x 6" risers

4 – 4' x 4' x 6" risers

4 – 2' x 8' x 6" risers

Riser legs are available – contact the technical department for details.

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

Rubber backed dark grey carpets – 2 @ 4' x 8', 2 @ 8' x 8'

2 Lecterns – solid oak with Littlelite and Countryman Isomax 4 microphone

1 – Steinway Model D 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 – Nord Electro 6D 73 keyboard (73-note semi-weighted waterfall keybed)

1 – Fender '65 Twin Reverb guitar amplifier

1 – Gallien-Krueger 1001RB-II bass amplifier & Gallien-Krueger 410RBH bass amplifier cabinet

1 – Markbass Mini CMD 121P Combo Bass Amplifier

1 – Yamaha Absolute Hybrid Maple 5 piece drum set with Zildjian A cymbal set

5 rolls – Harlequin Reversible black / grey dance floor (approx 60' x 2m per roll)

2 – Ultratec Radiance Haze Machines (additional charge applies)

2 – Ultratec Premier Fog Machines (additional charge applies)

8. FLY SYSTEM

a) Line Set Schedule

Line	Description	Notes	Height in feet	Width	Distance to plaster line
0	Fire curtain				
1	Main curtain 50% fullness	Flies only – burgundy	22	46	0' 9"
2	1 st Border		7	48	1' 7"
3	1 st Leg - 2 panels 50% fullness		24	12	2' 1"
4	1 st Electric	Truss batten			3' 0"
5	Spare				4' 6"
6	Projection screen		10	18	5' 5"
7	Spare border		8	48	6' 10"
8	1A Electric	Truss batten			7' 7"
9	Spare				8' 3"
10	2 nd Border		12	48	9' 1"
11	2 nd Leg - 2 panels 50% fullness		24	16	9' 10"
12	2 nd 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	2A Electric	Truss batten			15' 0"
17	3 rd Border		12	48	16' 9"
18	3 rd Leg - 2 panels 50% fullness		24	16	17' 7"
19	3 rd Electric	Truss batten			18' 9"
20	Black Scrim		22	48	20' 3"
21	Blackout Drop	Truss batten	22	46	21' 1"
22	4 th Border		12	48	21' 9"
23	Cyclorama electric	Truss batten			22' 5"
24	Stage right up/down (German)	Truss batten			
25	4 th Leg - 2 panels 50% fullness		24	16	23' 8"
26	Spare				24' 5"
27	4 th Electric	Truss batten			26' 0"
28	Upstage traveler 50% fullness	Travels from stage right	24	48	27' 0"
29	Spare				27' 10"
30	Cyc border		8	48	28' 8"
31	Cyclorama – white PVC		24	46	29' 6"
32	Stage left up/down (German)	Truss batten			
	Unobstructed upstage wall				32' 0"

All drapery are 25 ounce black velour unless otherwise specified
 Maximum production payload per line-set: 1000lb (250lb single point)
 Operating gallery is at stage level stage right.

b) *Extra Drapery*

Legs 1 pair – each panel 24' h x 12' w black velour 50% 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.