



Shadbolt Centre for the Arts  
Studio Theatre  
Technical Rider

6450 Deer Lake Avenue  
Burnaby, B.C. Canada  
V5G 2J3

Telephone: (604) 291-6864  
Fax: (604) 205-3001

## **General Information**

Address: 6450 Deer Lake Avenue  
Burnaby, B.C. Canada  
V5G 2J3

### PRODUCTION Services:

Production Manager Jonathan Ryder  
(604) 205-3036  
[jonathan.ryder@burnaby.ca](mailto:jonathan.ryder@burnaby.ca)

Technical Director Jessica Chambers  
(604) 205-3022  
[jessica.chambers@burnaby.ca](mailto:jessica.chambers@burnaby.ca)

Bookings Marilyn Chitticks  
(604) 205-3020  
[marilyn.chitticks@burnaby.ca](mailto:marilyn.chitticks@burnaby.ca)

House Manager Lyndsay Anderson  
(604) 205-3021  
[lyndsay.anderson@burnaby.ca](mailto:lyndsay.anderson@burnaby.ca)

Area Hotels: Hilton Metrotown (604) 438-1200  
6083 Mckay, Burnaby

Holiday Inn (604) 438-1881  
4405 Central Blvd, Burnaby

Taxi Service: Bonny's Taxi (604) 435-6655  
Bel-Air Taxi (604) 433-6666  
Vancouver Taxi (604) 255-5111

Restaurants: Deer Lake Wonton (604) 522-6063  
5107 Canada Way, Burnaby

Subway (604) 540-6449  
5093 Canada Way, Burnaby

Sandwich Tree (604) 291-7811  
4423 Ledger Ave., Burnaby

Viva Sue Pizza (604) 522-1661  
5115 Canada Way, Burnaby

Wheelchair access: Through main entrance or parking garage  
Emergency Numbers: Fire: 911  
Police: 911  
Ambulance: 911

Parking: 130 spaces above ground  
72 spaces underground  
Additional spaces in nearby lots

Laundry: Clothes Dryer Available

Travel Directions: From East or West:  
-Take Hwy 1 to Kensington Exit SOUTH  
-Turn LEFT at Canada Way  
-Turn RIGHT onto Sperling  
-Sperling turns into Deer Lake Avenue.  
-Follow Deer Lake Ave to Arts Centre (2 blocks on left)

Time Zone: Pacific

### **Load-in Area**

Dimensions: rolling door 11'6" W x 9'6" H  
ground level loading

### **Carpentry**

Seating Capacity: 100 + (variable)  
2 Hussey portable seating units  
(50 seats each)  
more chairs may be added  
maximum capacity of room - 165

Total Room Size: 50' wide X 60' deep

Stage area dimensions: 30'D X 40'W (variable depending on seating configuration)

Wing space: 5' standard under mezzanine (variable)

Orchestra Pit: NONE

Stage Height: height to grid - 22'  
height to mezzanine - 12'

Crossover: crossover hallway behind upstage wall

Stage Floor: tempered masonite, sprung floor;  
lagging not permitted.

House Drapery: 2 levels :	German masking, black commando cloth ceiling level (ceiling to mezzanine)10' mezzanine level (mezz to floor)12'
Legs:	6 22' X 5' legs available
Borders:	one 3' X 45' valence over U.S. traveller
Full Black:	German masking S.R. & S.L. traveller D.S. of Cyclorama 22' X 45'
Scrims:	Black sharks-tooth scrim DS of Traveller
Cyclorama:	leno filled sharkstooth, white. 22' X 45' located at U.S. wall
<b><u>Grid Information:</u></b>	<b>no fly system</b>
piped grid	over entire ceiling (5' centres both US and DS) 1-1/2" Schedule #40 steel pipe
Side rail Front rail	along mezzanine at +12' over booth at +14'
<b><u>Shop Area:</u></b>	attached to Studio Theatre is a fully equipped scenic wood shop. Inquire regarding use.
<b><u>Storage:</u></b>	storage space is limited, please inquire.
<b><u>Lighting:</u></b>	
Power:	2 - 200A 3 phase camlock outputs located S.R. and S.L at mezzanine level (for ETC dimmer packs) 1 - 200A camlock output in loading dock 1 - 30A twist lock plug in theatre 1 - 30A twist lock plug in shop 2 - 50A range plug in theatre 1 - 100A 3 phase disconnect located in crossover hall (for 12 pack Dimmex dimmer pack)

Dimmers: 2 ETC SENSOR road racks, each with:  
 \* 48 X 2.4kW dimmers  
 \*16 Veam multicable (SOCA) outputs  
 \*Pin patch  
 1 EDI 2.4k Dimmer Pack (Dimmex)  
 currently assigned to channels 97-108

Control: ETC ION w/60 channel fader wings

House Lights: 8 500W Scoops  
 (4 on Mezz level and 4 over main seating)

Circuits: all circuits are rubber, U-Ground  
 potential 32 veam (soca) cables = 192 circuits

Circuit Chart: currently in a 1-1 configuration  
 see plot for locations

Cable: SOCA CABLE - spare:  
 1 @ 100'  
 2 @ 80'  
 2 @ 50'  
 splays: 2 male  
 6 female

A/C CABLE: Various lengths and amounts

FOH Transfer: NONE

FOH Positions: NONE

Instruments in house hang:

23	Source4-26	575W
15	Source4-36	575W
13	Source4-50	575W
6	Strand 8" Fresnels	2KW(w/barn doors)
6	Parnels	750W
24	PAR 64 MFL	1KW
15	Penn twin cyc unit	750W X 2
6	16-colour scrollers (on Parnels)	
4	I-CUE moving mirrors	

Shared Lighting equipment: (inquire as to availability)	36	ETC Source 4 Instruments		
	2	ETC Source 4	10° barrels	
	5	ETC Source 4	19° barrels	
	11	ETC Source 4	26° barrels	
	3	ETC Source 4	36° barrels	
	37	ETC Source 4	50° barrels	
	4	ETC Source 4	70° barrels	
	11	Par64's	varied lenses	1K
	2	Parbars	MFL	1K x 6
	4	ACL Bars		250W X 5
2	Parnels	22 – 50 degree	750w	
3	6" Strand	Fresnels 3380	750w	
22	6" Altman	Fresnels	500w	
2	Selecon 90°	1kW		
	2	DMX auto-iris		
	6	Source 4 iris kits		
	14	Source 4 template holders A-size		
	6	Altman size template holders B-size		
		small gobo selection available, please inquire		
Followspots:		2 - lycian Midget 1206 followspots		
Hardware:		miscellaneous kee-klamp & pipe		
		6 - Kito ½ ton chain hoists		
		5 - 3' slings		
		6 - interchangeable cheeseboroughs swivel or fixed		
Special Effects:		1 - Lasermedia DF/50 Diffuser/Mister		
Ladders:		1 - Handy Herman portable personnel lift various A-Frame ladders (18', 10', 6', 3')		
Film, video and projection equipment:		Cannon SX7 4000 lumen Projector(inquire)		
		NEC VT770 Projector (inquire)		
		12' X 12' portable projection screen		
		Archival video camera in booth (fixed position)		
		ability to broadcast video throughout centre		

## Sound:

Power:	15 amp, 120 volts, 60 Hz Isolated Ground Audio power circuits distributed throughout studio space. Breaker panel in booth behind mix position.
House Mix Position:	In booth, under mezzanine, rear of house, left of centre, 63" above deck, large sliding window, unobstructed, on axis, view of all main speaker cabinets
Mixing Console:	Midas Venice 320 24x4x2 and 4 stereo inputs
Installed speakers:	4 EAW KF-300isR, bi-amped, stereo; 2 EAW SB250 double 15, front loaded subs. System is not time aligned.  KF-300's are not clustered: 2 flown independently from grid to 140" off deck; 2 flown independently from mezzanine lighting position to 100" off deck; position on grid/mezzanine is adjustable, height is not adjustable  Subs are located on deck, at extreme stage left and stage right walls, under stairs
Booth Rack One:	1 – Furman PL-Plus Power Conditioner 1 – Behringer MX882 Audio Mixer/Splitter (hearing assist and program sound distribution) 1 – Inkel PA4000R Integrated Amp/70Volt system (program sound/ Backstage page) 1 – BGW Model 200 Stereo Amp (Booth Monitors) 1 – Sony MDS-E12 Minidisc Recorder 1 – Denon DN-D4500 Dual CD/MP3 Player 1 – Tascam 112MKII Cassette
Booth Rack Two:	1 – Furman PL-Plus Power Conditioner 3 – Ashley GQX3102 Dual 31 Band Graphic Equalizers (stereo mains, 4 monitor mixes) 2 – DBX 160A single channel compressor/limiters 1 – Yamaha SPX990 1 – Lexicon LXP-15II 3 – Rean E-9600 96 point patch bays

Booth Rack Three: System & amplifier power sequencer  
Telex Intercom Main Station  
Telex Intercom Matrix  
Knox RS 8x8 Audio/Video Router/Switcher  
(program video)

Booth Monitors: Fixed over mix position:  
2 – EV S-60A

Amp Rack: Located under booth; speaker patch located,  
mid-mezzanine at rear of house

- 1 – DBX Driverack 4800
- 1 – Crest cc151, monitors
- 1 – Crest CA6, KF-300 mids and highs
- 1 – Crest CA9, KF-300 lows
- 1 – Crest CA9, monitors
- 1 – Crest CA12, subs

Shared Audio Equipment: The following equipment is shared between other rental spaces within the Shadbolt. Please confirm availability at time of booking.

Shared Microphones:

- 2 – AKG535 condenser
- 2 – Crown PCC160
- 2 – Shure SM57
- 2 – Shure SM98
- 3 – Shure Beta 58A
- 8 – Shure Beta 58
- 5 – Shure SM58
- 3 – Shure Beta 57
- 1 – Shure VP-88 Stereo Mic
- 3 – Sennheiser K6 ME66 Shotguns
- 1 – Sennheiser 421
- 10 – Audio Technica ES935 ML6 mini-shotgun
- 2 – Audio Technica 4033/CL large diaphragm
- 3 – SCV Active DI
- 2 – DOD Stagehand 265, passive DI
- 2 – Cable Factory, Lundahl passive DI
- 3 – Radial Pro AV1 DI
- 1 – Radial Pro AV2 Stereo DI

Shared Wireless Microphones:

2 – Shure SC Series VHF Wireless mics,  
Handheld (sm58) or Beltpack lavs (MKEII  
caps)

4 – Audio Technica Artist Elite Series AEW  
R4100 wireless,  
T6100 Handheld or T1000 Beltpack lavs

Shared Microphone Snakes:

2 – 50' 8 Channel  
1 – 100' 24 Channel with 4 returns  
1 – 50' 6 Channel

Shared Playback/Recording/Outboard:

1 – Tascam CD-RW402 CD  
recorder/duplicator (dual-deck)  
1 – Panasonic SV-4100 DAT  
1 – Tascam CD-450 CD player  
1 – Yamaha SPX90  
1 – Akai Digital Reverb

Shared Loudspeakers:

4 – EAW SM 122H single 12" & horn wedge  
monitors  
2 – EV 1202ER single 12" & horn wedge  
monitors  
2 – EV SX100 single 12" & horn passive  
6 – EV SX100a+ powered speakers  
4 – EV SXA360 powered speakers  
2 – EVSB760 Powered subwoofer

Production Communication:

Telex intercom system with 14 stations,  
located throughout Studio space  
Including green room and box office  
main station/matrix located at audio position  
14 – headsets  
2 – 2 channel beltacks  
8 – 1 channel beltacks  
Telex BTR-200II Wireless Base Station  
2 – Telex TR200 Transceivers

Hearing Assist System:

Sennheiser, single channel infrared

Miscellaneous:

Hollywood Edge 30 CD premiere edition  
sound effects library

**Properties:**

Orchestra Pit:	NONE
Chairs:	available on request (black plastic or upholstered)
Music Stands:	7 music stands on request (black)
Stand Lights:	4 available on request
Podiums:	one 4' X 4' X 6"
Pianos:	1 – Kawai upright  1 – 9' Steinway grande (extra cost)  1 – 7' Yamaha grande (extra cost)
Platform Risers:	7 – 4' X 8' X 1' black, wood risers
Dance Floor:	6 panels Roscoe 5'X50' white/black. (extra cost)
Lecterns:	2 available on request (non-matching)

**Wardrobe:**

Dressing Rooms:	2 dressing rooms (15 person capacity each) located backstage and equipped with: shower, sinks, counters, mirrors, mirror lights costume racks
Wardrobe Area:	green room, located between dressing rooms
Irons:	NONE
Ironing Boards:	1 available (inquire)
Steamers:	NONE
Washers/Dryers:	Dryer only, located in dressing room
Rolling racks:	one in each dressing room
Hanging racks, hangers:	NONE
Quick Change Booths:	NONE

**Management:**

Production Room:	NONE
Green Room:	between dressing rooms; contains fridge, sink microwave, cupboards and counter space
Stage Manager's Console:	in control booth
Rehearsal Room:	several studios available, booked separately, extra cost
Crews:	C.U.P.E. crew. All crew available.
Handicap Access:	through main entrance, floor level seating
Policies:	see User Guide

**Front of House:**

Concession:	class A licensed bar variety of snacks and beverages  catering available, please inquire
Box office:	serves both theatres
Lobby/Galleria:	non exclusive art gallery/lobby area

**Auxiliary Spaces:**

4 dance/multipurpose studios w/sound system  
10 music/multipurpose studios  
booked separately, extra cost