

# Studio Theatre at Surrey Arts Centre

## Venue Information

Seating Theatrical	Full rake seating 116 seats on fold away platform 1 row of 13 seats on floor
Seating Banquet Meeting	16 round tables seating 8 - 10 each 12 rectangular tables seating 8 each 160 banquet chairs
Studio Theatre Floor	Charcoal Marmoleum over plywood sprung floor.

**Screwing and drilling into Studio Theatre floor is not permitted.**

	<u>Dimensions</u>
Wall to wall	50' 6" x 58' 6"
Catwalk to catwalk	42' 6"
Catwalk to booth wall	53' 7"
Side catwalks wall to outside of railing	4'
Back catwalk wall to outside of railing	4' 11"
Grid height	18' 7"
Usable height under grid	15' 10"
Usable height under side catwalks	10'
Usable height under back catwalks	13' 5"
Seating extension from booth wall	20' 6"
Seating width	30' 2"

## Rigging

Rigging is accomplished through dead hanging off the grid. The grid extends from side wall to side wall with pipes on 4' centers and from booth wall to back catwalk railing with pipes on 5' centers.

## Soft goods

### Masking

Walls - The side and back walls of the Studio Theatre may be masked with 10' wide panels of black duvatyne on a track 6" from the wall, this masking exists above and below the catwalks.

Catwalk - The catwalks are masked with 10' wide panels of black duvatyne tied to the top railing and extending 6" below the catwalk floor.

Germans - A track with 10' wide panels of black duvatyne hung under the edge of the side catwalks provides approximately 3' 6" of wing space.

Traveler - Two panels of black duvatyne 22' wide on a track hung under the railing provides a cross over approximately 4' 6" wide.

Cyc - 42' w x 18 h

### Projection screen

200" diagonal projection screen electrically operated mounted under back catwalk.

## Lighting System

Control ETC Express 72/144

DMX 512 output

Dimmers: 114 - 2.4 K ETC Sensor dimmers.

Non-Dims: Any Sensor dimmer may be used as a non-dim.

Hanging: Grid 4' x 5' centers

Circuits 96 in 16 groups of 6 numbered 1 through 96 from the booth on SR side wall and 96 through 1 from the booth on the SL side wall. The outlet boxes are 1' above grid height and use SL419AR20 Socapex connectors. Circuits are extended to the grid with Socapex cabling and 6 circuit break-out boxes with L5-20 twistlock connectors.

8 non-dims exist spaced at floor level around the side and back wall using 20 amp L5-20 connectors

## Lighting Instrument Schedule

Fixtures permanently assigned to Studio Theatre. See shared equipment list for additional instruments available subject prior commitment.

Quantity	Manufacturer	Model	Type	Lamp	Wattage
8	ETC	Source 4	19°	HPL	575
12	ETC	Source 4	26°	HPL	575
16	ETC	Source 4	36°	HPL	575
4	ETC	Source 4	50°	HPL	575
6	Altman	360Q	6x16	FEL	1K
26	Altman	360Q	6x12	EHG	750
32	Altman	360Q	6x9	EHG	750
36	Strand	3380	6" Fresnel	BTR	1K
5	Strand	Iris 3	Cyc Light	FFT	1K

House lighting plot available on request.

## Audio System

### Mixer

APB Dynasonics Spectra 24 Ti  
24 mono, 4 stereo inputs x 8 VCA x LCR outputs  
10 monitor and/or effects sends  
4 matrix outputs

### Equalization

2 - Ashley GQX3102 (Mains and Monitor / Effects)

### Effects

1 - Lexicon LXP15  
1 - Symetrix 525 compressor.

### Microphones

See shared Equipment List

### Playback

1 - Denon DN-D4500 dual CD player  
2 - Sony MDS-JB930 Mini Disk Recorder

Reel-to-Reel tape and Turntable available from shared equipment.

### House Speakers

Mains -1 Meyer UPA-1P and 1 Meyer USW-1P each side.

### Effects and Monitor Speakers:

See shared equipment list

### Amplification

See shared equipment list for additional amplification.

### Patching Input-Output

288 point - tip, ring, sleeve bantam patch bay. Accessing 48 microphone lines, 16 sends and all equipment input - output jacks.

### Communications

Clear-com - 2 channel system with 4 stations with access at 9 locations throughout Studio Theatre.

### Hearing Assist

Sennheiser Infrared System with 10 headsets.

## Shared Equipment

The following equipment is shared between the Main Stage and Studio Theatre.

### Microphones

- 2 - AKG C420
- 2 - AKG C535EB
- 4 - AKG D320B
- 4 - Clock Audio C35E
- 1 - EV PL9
- 6 - Sennheiser MD421U
- 6 - Shure 55SH
- 1 - Shure Beta 52
- 6 - Shure Beta 57
- 2 - Shure Beta 57a
- 12 - Shure Beta 58
- 4 - Shure Beta 58a
- 2 - Shure 58S
- 2 - Shure MX418/s
- 2 - Shure SM 11
- 2 - Shure SM57
- 2 - AKG 451 E Preamps
- 3 - AKG 451 EB Preamps
- 2 - AKG CK1 Capsules
- 1 - AKG CK5 Capsules
- 5 - AKG CK8 Capsules
- 6 - AKG 460 B Preamps
- 6 - AKG CK61 ULS Capsule
- 6 - AKG CK68 ULS Capsule

### DI boxes

- 6 - BSS AR133
- 2 - Radial Pro AV-2
- 2 - Rodam Passive
- 2 - mono house built passive
- 1 - Stereo house built passive

### Playback

- 2 - Technics 1700 reel-to-reel 1/4 track - 3 3/4, 7 1/2, 15 IPS
- 1 - Technics SL 1000 Turntable

### Monitors

- 2 - EV FM-1502 wedges
- 6 - EV FM-1202 wedges
- 2 - EV T-122M wedges
- 2 - EV S-1202 cabinets
- 4 - EV SH-1512 cabinets

## Lighting Instruments

Extra instruments not part of any house plot.

Quantity	Manufacturer	Model	Type	Lamp	Wattage
10	Altman	360Q	6x22	FEL	1K
16	Altman	360Q	6x16	FEL	1K
4	Altman	360Q	6x12	EHG	750
18	Altman	360Q	6x9	EHG	750
14	Altman	3.5Q	3.5x6	EVR	500
4	Strand	2216	6x16	EHG	750
12	Strand	2212	6x12	EHG	750
10	Strand	2209	6x9	EHG	750
4	Altman 100		3" Fresnel	EVR	100
24	Altman	1KAF	6" Fresnel	EGT	1K
1	Strand	3380	6" Fresnel	BTR	1K
4	Strand	743	8" Fresnel	BTR	1K
2	Lycian	Midget 2K	Followspot	CYX	2K

### Risers

Wenger Portamaster collapsible 4' x 8' platforms.

- 8 - 8" high
- 6 - 16" high
- 4 - 24" high
- 4 - 32" high

### Pianos

- 1 - Yamaha C7-D grand
- 1 - Yamaha U5 upright
- 1 - Yamaha P200 electronic piano

All pianos regularly tuned to A440 standard.

### Dance Floor

- 7 rolls Rosco Dance Floor (black / gray) 45' x 63"
- 6 rolls Rosco Adagio (black) 45' x 59"

### Projectors

- ASK Proxima C420 w/ Long and Short throw Lenses
- Epson Z8000WU w/ Long and Short throw Lenses

### Projection Screen

- Draper 9' x 12' rear projection screen

## Fog Machines

- 2 – MDG Mini Max fogger
- 1 – Le Maitre Radiance Hazer

## Podiums

- 2 - Maple finished to match floor with hardware to mount microphones

## Shared Resources

The following support areas are shared between the Main Stage and Studio Theatre.

Box Office	Operated by the Surrey Arts Centre.														
Concession and Bar	Operated by the Surrey Arts Centre.														
Lobby	The lobby is beautifully laid out over several levels. There are many unique spaces to set up and showcase receptions, tradeshow etc. The lobby encircles an open courtyard that has a reflecting pool and public art. The concession and bar are situated in the central area of the lobby. There are four easels and five 6' tables as well as five 4' tables that are available for renters to use.														
Scene Shop	Information and availability upon request.														
Loading	All level access with standard truck height loading dock into scene shop. Driveway will accommodate 40' tractor-trailers. Access to stage via an airlock with two sliding doors with a 8' 6" (max) 6' 8" (typical) W x 14' 6" H opening. Access to Studio Theatre through an airlock with two sets of swinging doors with a 5' 2" W x 9' 7" H opening.														
Dressing Rooms	<p>There are 7 dressing rooms. All have make up mirrors and lights. All (except dressing rooms 3 and 7) have washroom and shower facilities. There is a central holding area adjacent to the dressing rooms with 2 sliding partitions that serve as a way to flexibly divide the dressing rooms between the two performance spaces. These partitions allow any number between 3 and 7 dressing rooms to be assigned to the Main Stage with the remainder accessible to the Studio Theatre.</p> <p>Approximate Dressing Room Capacities</p> <table><tr><td>#1-</td><td>5</td></tr><tr><td>#2-</td><td>20</td></tr><tr><td>#3-</td><td>6</td></tr><tr><td>#4-</td><td>6</td></tr><tr><td>#5-</td><td>6</td></tr><tr><td>#6-</td><td>10</td></tr><tr><td>#7-</td><td>10</td></tr></table>	#1-	5	#2-	20	#3-	6	#4-	6	#5-	6	#6-	10	#7-	10
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Paging	Multi-zone system covering Audience / Backstage locations. System also performs program sound and audience recall.														
Staff	Full complement of qualified staff is available. Staff are members of Canadian Union of Public Employees Local 402.														