

MAIN THEATRE TECHNICAL INFORMATION

Effective: January 31st, 2023

If this document is more than a year old please contact Vaughn Davis, Operations Manager, at: (905) 681-2551 ex. 6320 or visit www.burlingtonpac.ca

1. POLICIES AND PROCEDURES

- a) **Smoking and the use of e-cigarettes is not permitted anywhere on the premises. This includes smoking written in the script as part of a play. Prop, fake or unlit cigarettes should be used in their place.**
- b) **Alcoholic beverages are permitted only in licensed areas of the building. Not in the dressing rooms or on stage.**
- c) **In accordance with Ontario Liquor Laws and the AGCO, no outside alcohol may be brought onto Burlington Performing Arts Centre property. Alcohol may be purchased for onsite consumption in coordination with our Events Supervisor.**
- d) All cast and crew are asked to enter and exit through the stage entrance, located at the west side of the building.
- e) Food and beverages are not permitted on the stage. Water is permitted in a sealed container.
- f) At all times the fire curtain line must be able to be cleared immediately by a single individual.
- g) The use of flammable solvents, open flame, or fire is not allowed on Burlington Performing Arts Centre property without written permission from the Burlington Fire Department.
- h) Any production planning on using pyrotechnics or open flame must contact the technical office a minimum of 4 weeks prior to the load in of the production to allow time for clearance with the AHJ. The Authority Having Jurisdiction in Burlington is the Burlington Fire Department.
- i) The scissor lift and personnel lift are only to be operated by BPAC staff.
- j) Only personnel authorized by the Technical Supervisor are permitted to operate BPAC equipment.
- k) The fly system is only to be operated by BPAC staff.
- l) Any production planning on flying any scenic elements must provide details to the technical office at least 4 weeks prior to the load in.
- m) BPAC will **not** fly performers in the theatre. If you are considering flying performers contact the theatre immediately.
- n) Nailing, screwing or stapling to the stage floor is prohibited. A limited selection of sandbags and stage weights are available.
- o) The theatre must be completely cleared of all personnel 30 minutes prior to the performance to allow the FOH Coordinator to load the house. The Technical Lead will act as liaison with the FOH Coordinator to open the house and will be notified by the FOH Coordinator when the house is in.
- p) In order to arrange piano tuning, we require two weeks notice if you intend to use one of our pianos.
- q) Any production planning on using auxiliary power must contact the Technical Supervisor at least 2 weeks prior to the load in so that appropriate staffing and ESA permits can be arranged.
- r) 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.
- s) 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.

2. STAGE ACCESSORIES

Skyjack SJIII 3220 scissor lift
Genie AWP-30S
2 x 6' & 8' step ladders, 1 x 12' ladder
Staging Concepts risers primarily 4' x 8' with a limited quantity of 3'x 8' and smaller available
Riser legs are available in 8" increments – *Contact the Technical Services Department for details*
Wenger Diva acoustic shell with several available configurations
70 Manhasset music stands
36 Manhasset music stand lights (LED bulbs)
75 Black straight back armless upholstered chairs
Lectern (2 x wooden/laminate, 1 x white)
6 rolls Rosco Adagio black dance floor (40' long x 63" wide per roll)

3. WARDROBE

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

4. STAGE DIMENSIONS

Proscenium opening	40' wide, 21' to edge of first border
Stage depth from setting line to back wall	40'
Stage depth from apron to main curtain	3'
Stage left wing space	15'
Stage right wing space	18'
Stage floor to grid	60'
Followspot booth to prosc at 6' AFF (30° angle)	77'
Clear height in wings	27'

There are 2 loading docks located upstage left at stage level. Both are truck bed height.
Both loading docks will accommodate a 53' tractor trailer

Stage floor is sprung and covered with Masonite painted black

5. SEATING CAPACITY

Stage apron	36*
Orchestra	466
Balcony	168
Boxes	48
Total	718

* Normal apron configuration is with seating in place. The apron can also play at stage level or function as an orchestra pit upon request. Additional labour charges will apply.

6. DRESSING ROOMS

Dressing rooms are shared by both theatres. All dressing rooms have washrooms and showers.

Please contact the Technical Services Department to confirm dressing room availability.

- 2 Dressing rooms for 12 to 14 persons (accessible to/from backstage by stairs **ONLY**)
- 3 Dressing rooms for 6 persons
- 1 Wardrobe / Dressing room for 4 persons (this room has laundry facilities / **NO** shower)

7. LIGHTING

There is a house lighting plot. Please see drawing for details. Changes and restoration of the house lighting plot as will be at the expense of the client.

a) Control

GrandMA2 Full-Size

386 Strand C21 2.4k dimmers (Dimmer per circuit) – 34 Circuits readily available at stage level

Dimmers are networked **only (NO dedicated dry line access)**

DMX is distributed throughout the theatre via Shownet Ethernet and Output Nodes

Guest Console physical access to the lighting network is provided through Shownet Input Nodes

****Access is also available via Streaming ACN over Ethernet****

Note: House Plot requires 4 DMX Universes for complete control – If your console has less than three physical outputs, please contact the Technical Services Department for more information regarding connectivity options.

b) Circuits

All circuits are 20A 125V L5-20 twist lock connectors

c) House Plot

20 ETC Source Four 10°	750 W	
29 ETC Source Four 14°	750 W	
14 ETC Source Four 19°	750 W	
32 ETC Source Four 26°	750 W	
34 ETC Source Four 36°	750 W	
8 ETC Source Four 50°	750 W	
2 ETC Source Four 70°	750 W	
8 ETC Source Four Lustr2 26°	LED	
8 ETC Source Four Lustr2 36°	LED	
30 Selecon Rama 6" Fresnel	1 kW	w/15 Barn Doors
12 Colorado 2 Quad Zoom Tour RGBW	LED	
2 ETC Source Four PAR WFL	750 W	
25 ETC Source Four PAR NSP	750 W	
9 Altman Spectra Cyc 100 RGBA	LED	Flown
9 Altman Spectra Cyc 100 RGBA	LED	Floor (deployed by request)
6 Varilite VL1100TS	1000 W	
2 Lycian 2040-12 follow spot	1200 W HMI	
MDG Atmosphere Hazer	(additional charge applies)	
MDG Max 3000 Fog Machine	(additional charge applies)	
Antari ICE-101 Low Lying Fog Machine	(additional charge applies)	

d) Spare Stock

ETC Source Four 750 W Bodies
ETC Source Four 10°
ETC Source Four 14°
ETC Source Four 19°
ETC Source Four 26°
ETC Source Four 36°
ETC Source Four 50°
ETC Source Four 70°

Note: Some Lighting inventory is shared with the Studio Theatre - Please contact the Technical Services Department for available inventory if a dedicated hang is required.

e) Colour Media

We stock primarily Roscolux 2 digit and 3 digit colours.

f) Accessories

8 7'6" Boom Pipes – Additional pipe lengths & bases available
15 Apollo Scroll-7-Pro scrollers

8. AUDIO

a) Front of House Mix Position

Digico Quantum 338 w/56 inputs c/w Waves (additional inputs possible via MADI)
Stage rack is installed DSL in audio rack (several sub-snakes are available)
1 Denon DN-C620 CD player

Note: House mix position is in the centre of the theatre on the left aisle

b) Booth

Digico SD11
1 Denon CDR 633

c) Speaker System

Note: The main speaker system (including subs) is flown

Centre line array	7 Meyer Mina cabinets.
Left and right	2 Meyer CQ1 (lower) and CQ2 (upper) per side
Subs	2 Meyer 700HP located left and right.
Under balcony fills	6 Meyer UPM-1P
Front fills	8 Meyer MM-4XP
Pit rail fills	10 Meyer MM-4XP
Box seat fills	12 Meyer MM-4XP
Processing	Meyer Galileo Galaxy 816

d) Monitor System

Stage left setup (nearest to audio rack)

Digico SD8 or SD9
4 EAW JFX100 Sidefills (Flown in wings 2 & 4, permanent install)
12 D&B M4
2 D&B VSub
3 D&B D20 Amplifiers
4 Meyer MJF 212
2 Meyer UPJ-1A
4 EAW SM129zi
2 QSC K10.2

Note: House Mic split is Digital. For guest consoles that do not support MADI an analogue copper split will be required. Rental is available locally with additional cost.

e) Direct Boxes

12 Radial Mono Pro 48	Active
2 Radial Mono Pro DI	Passive
4 Radial Stereo Pro D2	Passive
2 Radial Pro AV1	Passive
3 Radial Pro AV2	Passive

f) Microphones

2 AKG C414B-XLS
4 AKG P3S
4 AKG 391B
1 AKG D112 Mkii
6 Crown PCC-160
1 EV RE-20
4 Sennheiser e609
1 Sennheiser e902
4 Sennheiser e904
2 Sennheiser e914
2 Sennheiser e935
4 Sennheiser MD421
1 Shure Beta 52
1 Shure Beta 56
6 Shure Beta 58
1 Shure Beta 91A

c) Livestream

Control

- 1 Roland V-1SDI Switcher (3 Camera / 1 PC Input)
- 2 Sony RM-BR300 PTZ Controllers (1x RS-232 / 1x RS-422)

Cameras

- 2 Sony SRG-X120 4k (PTZ – RS-422 VISCA)
- 2 Sony EVI-HD1 1080p (PTZ – RS-232 VISCA)
- 1 Sony HDR (Static)

11. NETWORK ACCESS

d) Wi-Fi

Guest Wi-Fi is available. A password for the in house network will be provided during the event advance

e) Hard Line

Dedicated Hard Line access is available for live-stream, webcast or other needs
Symmetrical 50Mbps up/down low latency connection

12. FLY SYSTEM

There is a single purchase counterweight fly system installed in the main theatre
Maximum production payload per line-set: 1500lb (250lb single point)
Operating gallery is at stage level or gallery level stage left

f) Extra Drapery

- Legs 4 – 30' h x 6' w 25oz. IFR black velour no fullness
- 2 – 30' h x 12' w 25oz. VFR black velour no fullness
- Border 1 – 12' h x 55' w 25oz. IFR black velour no fullness
- Scrims 1 – 29' h x 55' w sharks tooth black
- 1 – 30' h x 55' w sharks tooth white
- Pipe & Drape Various sizes available, contact for details
- 13oz. IFR black velour **(as available)**

g) Cyclorama

Cyclorama is a Rosco Twin White PVC Screen measuring 30' h x 53' w with a 4" Pipe Pocket
(Cyc Electric Ground Row is set for Rear Lighting, and requires the Cyc to be breasted downstage approximately 4' for adequate colour blending)

13. POWER

ESA permits are required for the use of any 3 Phase Auxiliary power and require 2 weeks notice to arrange. Additional charges may apply.

All company switches have camlock connectors w/Ground & Neutral reversed

- 2 - 400A 3 phase 5 wire Stage right gallery (Minimum 75' of feeder to deck level)
- 100A 3 phase 5 wire down stage left
- 100A 3 phase 5 wire down stage right
- 100A 3 phase 5 wire house left proscenium catwalk
- 200A 3 phase 5 wire stage right at grid level (Minimum 100' of feeder to deck level)

Burlington Performing Arts Centre Lineset Schedule

Line	BPAC House Hang	Notes	Dist. From Plaster Line	Dist. From Main Curtain	Height x Width	
0	Fire Curtain	Path to be kept clear at all times	0' 0"			
1	Main Curtain	Red Velour (75% Fullness) Flies ONLY	0' 10"	0'-0"	22'	46'
2	#1 Border	Hard (Aluminum Frame) - Permanent	1' 9"	0'-11"	12'	55'
3	#1 Legs	Truss Batten Black Velour (No Fullness)	2' 7"	1'-9"	30'	
4	#1 Electric	Truss Batten	3' 1"	2'-3"		55'
5	Empty		4' 4"	3'-6"		
6	Empty		4' 11 1/2"	4'-1 1/2"		
7	Empty		5' 8"	4'-10"		
8	Unavailable / Obstructed	Collides with Acoustic Ceiling	6' 3"	5'-5"		
9	Acoustic Shell Ceiling #1	Permanent / Not Moveable	6' 11"	6'-1"		
10	Unavailable / Obstructed	Collides with Acoustic Ceiling	7' 7 1/2"	6'-9 1/2"		
11	Empty		8' 3"	7'-5"		
12	Empty		8' 11 1/2"	8'-1 1/2"		
13	#2 Border	w/ Bottom Pipe	9' 6"	8'-8"	12'	55'
14	#2 Legs	Truss Batten Black Velour (No Fullness)	10' 3 1/2"	9'-5 1/2"	30'	
15	#2 Electric	Truss Batten	10' 10 1/2"	10'-0 1/2"		55'
16	Unavailable / Obstructed	Collides with LX 2	11' 6 1/2"	10'-8 1/2"		
17	Projection Screen	13' x 22'	12' 2 1/2"	11'-4 1/2"	13'	22'
18	Full Stage Black	Black Velour (No Fullness) / Tracking	12' 10 1/2"	12'-0 1/2"	30'	55'
19	Empty		13' 6"	12'-8"		
20	Empty		14' 2"	13'-4"		
21	Acoustic Shell Ceiling #2	Permanent / Not Moveable	15' 0"	14'-8"		
22	#2A Electric	Truss Batten	16' 2"	15'-4"		55'
23	Unavailable / Obstructed	Collides with LX 2A	16' 10"	16'-0"		
24	#3 Border	w/ Bottom Pipe	17' 5"	16'-7"	12'	55'
25	#3 Legs	Truss Batten Black Velour (No Fullness)	18' 1"	17'-3"	30'	
26	# 3 Electric	Truss Batten	18' 9"	17'-11"		55'
27	Unavailable / Obstructed	Collides with LX 3	19' 5"	18'-7"		
28	Projection Screen	13'6" x 24'	20' 1"	19'-3"	13'6"	24'
29	Mid Traveler	Black Velour (No Fullness) / Tracking	20' 9"	19'-11"	30'	55'
30	Empty		21' 6"	20'-8"		
31	Empty		22' 1"	21'-3"		
32	Empty		22' 8 1/2"	21'-10 1/2"		
33	Empty		23' 4 1/2"	22'-6 1/2"		
34	#4 Border	w/ Bottom Pipe / Not Useable as an Lx	24' 1"	23'-3"	12'	55'
35	Acoustic Shell Ceiling #3	Permanent / Not Moveable	24' 8"	23'-10"		
36	#4 Legs	Truss Batten Black Velour (No Fullness)	26' 0"	25'-2"	30'	
37	#4 Electric	Truss Batten	26' 8"	25'-10"		55'
38	Empty		27' 11 1/2"	27'-1 1/2"		
39	Empty		28' 7"	27'-9"		
40	Unavailable / Obstructed	Collides with LX 5	29' 3"	28'-5"		
41	#5 Electric	Truss Batten	29' 11"	29'-1"		55'
42	#5 Border	w/ Bottom Pipe	30' 7"	29'-9"	12'	55'
43	Cyc Electric		31' 3"	30'-5"		55'
44	Empty	Truss Batten	31' 10 1/2"	31'-0 1/2"		
45	#5 Legs	Truss Batten / Tracking Black Velour	32' 8"	31'-10"	30'	
46	Acoustic Shell Ceiling #4	Permanent / Not Moveable	33' 2 1/2"	32'-4 1/2"		
47	Unavailable / Obstructed	Collides with Acoustic Ceiling	33' 9"	32'-11"		
48	Empty		34' 7"	33'-9"		
49	Scrim	Can be "west coasted" to pipe	35' 2 1/2"	34'-4 1/2"	30'	55'
50	Cyclorama	White PVC	35' 10"	35'-0"	30'	53'
51	US Traveler	Black Velour (No Fullness) / Tracking	36' 9"	35'-11"	30'	55'
52	Empty		37' 3"	36'-5"		
53	Acoustic Shell Rear Wall	Permanent / Not Moveable	37' 10"	37'-0"		