

The Belfry Theatre

Technical Specifications

The Belfry Theatre has, as its home; a fully restored 19th century church, chapel and attached buildings, located in Victoria's heritage Fernwood neighborhood, adjacent to Downtown Victoria. It is a wheelchair-accessible, climate-controlled complex with two theatre venues, lobby, reception hall, shops, administration and production facilities.

The Stewart Theatre (Mainstage)

Stage Description:	Elevated Thrust with removable plug units and traps
Seating:	274 (Main Floor - 160, Balcony - 114) + 4 wheelchair locations
Dressing Rooms:	A: 5 occupants, B: 7 occupants, C & D: 1 occupant each E: quick change area stage right: 3 occupants
Green Room:	equipped w. kitchen, sofas, telephone, bathrooms, shower
Stage Width:	30'4"
Stage Depth:	21'6" (with additional alcove upstage-see drawings)
Stage Floor:	Masonite over plywood (Can be screwed in to and painted)
Traps:	Apron and stage is removable in 4' plug units (see drawings)
Trap room:	Perimeter - 18'8" x 7'11"
Stage Walls:	Drywall over ¾" plywood (Can be screwed in to)
Grid:	Fixed grid & catwalk with rated points (contact TD or PM)
Grid Height:	19' to bottom of pipe
Loading Access:	4000 lb hydraulic elevator off Fernwood Rd, Parking Permit R'qd
Loading Doors:	8' H x 7' 10" W
Stage Drapery:	1 traveller track with blacks (flat / 18' 0" H x 28' W/split at centre)
	2 Black legs (flat/ 19'0" H x 7' W)
	Black legs (flat / 15'6 H) (widths: 4'6 / 6' / 10' / 13' / 14')
	2 Black borders (4'H x 30'W)
	2 White Cotton Cyclorama (19'H x 24'W and 15'6"H x 22'W)
	2 Black Scrim (22'H x 25'W)
	2 Roll Drops (30"W and 10'W)
Plans:	¼" and ½" plans available upon request. Also available in dxf, pdf & Vectorworks (mcd) format from our website - www.belfry.bc.ca
Additional details:	Mike Ford, Director of Production & Operations Email: mike.ford@belfry.bc.ca Phone: 250.385.6835

STAGING NOTES:

The sight lines for the Mainstage at the Belfry should be looked at very carefully.

In particular:

1. The DSR and DSL areas become a problem for the near side of the balcony.
2. The USR and USL areas become problematic for the extreme side seats on both the main floor and the balcony.
3. Care should be taken when designing any significant levels (more than 48") to ensure that the overhanging balcony above does not obstruct the sightlines from back rows of the main floor.

LIGHTING NOTES:

1. Due to the proximity of audience seating and disruption from fan noise, please minimize the use of scrollers in front of house positions; especially on the ladders, booth and balcony rails, and the outside positions of the catwalks.
2. Channels 245 thru 250 are typically used for house lights.

Equipment Inventory (Stewart Theatre)

LIGHTING EQUIPMENT

Control	ETC ION Xe 20	20 Faders / 12,288 Outputs (24 Universes)/4 physical DMX ports / iOS remote
Dimmers	120 Total - all 2.4 kW	96 ETC Sensor3 (24 ea D20 and ThruPower modules) distributed to fixed circuits 24 Strand CD80 distributed via Socapex
Circuits	96 Fixed / 24 Flexible	Some duplicated / all TLG
Color Stock	Rosco	
Fixtures	Instrument	Notes
72	ETC Source 4	575w -with 50 gobo holders & 6 manual iris / choice of lens tubes: 57 @36° / 16 @50° / 34 @26° / 4@19°
12	Par 64	1kw - NSP, MFL, & WFL lamps available
24	Strand 3380 Fresnels	1kw - with barndoors
4	LE MR-16 Mini Strips – 6’	3 circuits @ 750w each (2 additional fixtures may be available upon request)
4	Moving Fixture Kit	ETC Series 2 Lustr with 19° or 26° ED Lenses Rosco I-Cue Mirror Rosco DMX Iris
8	SpectraQ 3 color scrollers	2 – 16 color house strings see below 6.25”, 7.5”, and 10” backplates
1	Lycian Club Follow Spot	360w, 86 v, booth - balcony centre-left
5	MR16 Pars	100w, 120 v (Confirm with TD availability changes with shows on tour/Co-Pro’s)
1	ChromaQ Twin FX DMX	DMX controlled Gobo Rotators
1	Rosco RevoPRO	
2	Apollo Single Non-DMX Gobo Rotators	Require Non-Dim profiled dimmer or switched ThruPower dimmer for control
EFFECTS / PROJECTION EQUIPMENT		
1	Rosco Delta 3000 Fog Machine	With DMX interface
1	LeMaitre Neutron XS Hazer	With DMX interface
1	Martin Atomic 3000 DMX Strobe	
2	Panasonic MZ670 laser WUXGA projector	2 ET-ELW22 0.8-1:1 (0.786-0.983:1 WUXGA) short throw zoom and 2 ET-ELS20 1.62-2.77:1 (1.61-2.76:1 WUXGA) “Standard” zoom lenses
1	Epson PowerLite 1720 projector	
1	Epson EX3220 3 LCD projector	

"BRODIE" COLOR SCROLL KEY

FRAME	GEL #	DESCRIPTION
1	R-03	Deep Bastard Amber
2	R-318	Mayan Sun
3	R-50	Mauve
4	R-22	Deep Amber
5	R-321	Golden Amber
6	R-316	Gallo Gold
7	R-3408	½ CTO
8	R-00	Clear
9	R-3204	½ CTB
10	R-364	Blue Bell
11	R-80	Primary Blue
12	R-67	Light Sky Blue
13	R-3304	Tough Plus Green
14	R-377	Iris Purple
15	R-54	Special Lavender
16	R-355	Pale Violet

"KING" COLOR SCROLL KEY

FRAME	GEL #	DESCRIPTION
1	R-00	Clear
2	R-54	Special Lavender
3	R-119	Light Hamburg Frost
4	R-55	Lilac
5	R-56	Gypsy Lavender
6	R-80	Primary Blue
7	R-3220	Double CT Blue
8	R-3204	Half Blue (1/2 CTB)
9	R-367	Slate Blue
10	R-34	Flesh Pink
11	R-21	Golden Amber
12	R-42	Deep Salmon
13	R-49	Medium Purple
14	R-19	Fire
15	R-89	Moss Green
16	R-90	Dark Yellow Green

AUDIO EQUIPMENT

Equipment	Notes
Allen & Heath GL2800 24 Channel 8 Bus Console	Console located in control booth
iMac Computer, OSX, 2.4GHZ processor, 4GB Ram	Q Lab 3 for playback, Audacity for sound editing MOTU 828x Interface
Denon Dual CD Deck w/ Autopause	1
Crest VS900 power amplifier	2
Crest CPX1500 power amp	3
Bose 502A Panaray (MAINS)	2 - grid downstage left & right / location flexible
Bose sub	1- installed under stage apron
Bose 203 speakers (FILLS)	4 - permanently installed - main floor & balcony
EV S-40 speakers(SURROUND)	8 - permanently installed – main floor & balcony rear 2 - location flexible
EV SxA100 speakers (SPARES) Self-powered	6 - location flexible
Shure UHF wireless UT2/58	3 - handheld microphones and UT14/85 lavalier mics
Shure SM58	5 - wired handheld microphones
Sure SM57	1 – wired instrument microphone
Shure PG48	1 - on/off switch microphone
AKG HM1000 / CK80	2 - Hanging microphone with CK80 shotgun hypercardioid head
Rode NT5	1 - Small diaphragm cardioid condenser microphone
Realistic 33-1070	1 - omni directional dynamic microphone
Realistic PZM	1 - boundary condenser microphone
Microphone Stands	6 Black Boom Stands 3 Silver Boom Stands 3 Silver Straight Stand
TC Electronic M-one XL Effects Processor	1 – dual channel
Ashly GQX-3102 31 band 1/3 octave graphic EQ	2 – installed in control booth amp rack
Snake	1 - Flexible 24 channel / 4 return 100' snake 1 - Permanently installed 6-channel snake

Inter-Com

Full 2-channel Clear Com throughout theatre with 5 remote belt packs and headsets, and 2 wireless belt packs. Stage address from booth.

Program Sound

TOA 903 8-channel program amp (located in control booth)
Program sound and paging from booth to backstage, lobby and dressing rooms

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BMO Studio Theatre

The BMO Studio Theatre is a 1200 square foot black box performance/rehearsal space with flexible seating and an elevated control booth.

Stage Description:	Floor-level playing area, raked seating
Seating:	92 seats
Dressing Rooms:	F: 2 occupants G: 2 occupants
Green Room:	Equipped with armchairs, kitchen and bathroom facilities
Stage Width:	29'
Stage Depth:	18'8"
Stage Floor:	Masonite over plywood (Can be screwed in to and painted)
Traps:	None
Stage Walls:	Drywall over 1/2" plywood (Can be screwed in to and painted)
Grid:	Fixed grid w/ rated points (contact TD or PM)
Grid Height:	15'5" to bottom of pipe
Loading Access:	4000 lb hydraulic elevator off Fernwood Rd, Parking Permit R'qd
Loading Doors:	6'6" H x 5'W
Stage Drapery:	Crossover black drapes and Legs (others subject to availability / see Mainstage Inventory)
Plans:	1/4" plans available upon request - also available in dxf, pdf & Vectorworks (mcd) format from our website - www.belfry.bc.ca
Additional details:	Mike Ford, Director of Production & Operations Email: mike.ford@belfry.bc.ca Phone: 250.385.6835

Equipment Inventory (BMO Studio Theatre)

LIGHTING EQUIPMENT

Control Console	ETC Element 250 channels / 60 submasters / 2 DMX universes	
Dimmers	60 CD80 dimmers / 1 > 46 @ 1.2kw / 49 > 60 @ 2.4kw / 47 > 48 dedicated house lights / all circuits TLG	
Color Stock	Rosco	
Number	Instruments	Notes
17	Berkey variable focus 30,40,50 deg.	500w -
7	6 x 9 Alt 360Q	750w - with gobo holders
4	4½ x 6 Alt 360Q	750w - with gobo holders
4	6" Alt Fresnels	500w
9	6" Strand Fresnels	500w
2	LE MR-16 Mini Strips – 6'	3 circuits @ 750w each
12	Strand 2212	575w- with gobo holders
16	Strand 30 deg.	575w - with gobo holders

AUDIO EQUIPMENT

Pentium 4 Computer, 3GH Processor, 1GB Ram	Adobe Audition / SFX Pro Audio Show Control 8 channel output Echo Layla 3G Interface	
Allen &Heath MixWizard WZ³ 16:2	1	
Stanton C.500 Dual CD Deck w/ Autopause	1	
Teac V-360C Cassette Deck	1	
Sony mini disc players	2	
Bryston 2b power amp	2	
Nano Verb Reverb unit	1	
ElectroVoice 1202-S speakers	2	
Yorkville Elite Micron 160 speakers	2	

Intercom

Clear Com base station and 2 belt packs and headsets.

Program Sound

To Lobby, green room and dressing rooms / paging from booth to lobby and dressing rooms.

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Lobby

This space acts as the lobby for the Stewart Theatre and the BMO Studio Theatre. On its perimeter are administration offices, box office, concession, men's, women's and accessible bathrooms, as well as entrances to the Stewart and BMO Studio theatres.

The Belfry is wheelchair accessible.

Room Dimensions:	23' x 48' + courtyard
Seating:	80, standing up to 150
Grid:	Fixed grid
Grid Height:	11' 5" to bottom of pipe
Loading Access:	Ramp off of Gladstone Ave
Loading Doors:	83" H x 47" W
Lighting:	Overhead track halogen and halophane with dimmer controls / 2 – 20A and 2 – 15A circuits available for theatrical lighting
Audio:	Sony 5 Disc CD Player / TOA 900 Amplifier / 4 Bose 101 speakers / Paging Microphone
Staging:	Tables, chairs, podium, easels, projectors, TV/DVD available with advance booking
Coat Check:	Self-serve coat racks located in foyer
Concession:	Serves 2 types of locally craft-brewed draft beer, VQA red and white wine, juices, fresh-roasted coffees, cookies, treats

Studio B

Studio B is a 500 square foot decorated reception/meeting room serviced by its own wheelchair accessible separate entrance, waiting area, facilities, and concession.

Room Dimensions:	22' x 24'
Seating:	Seated 25, standing up to 40
Loading Access:	Gladstone Avenue
Loading Doors:	82" h x 34" w
Dressing Rooms:	(subject to availability) F: 2 occupants G: 2 occupants
Lighting:	Overhead track halogen with dimmer controls
Audio:	Teac CD / Cassette Player / TOA amplifier / 6-Bose 101 speakers
Staging:	Podium, easels, projectors, TV/DVD available with advance booking
Concession:	Serves 2 types of locally craft-brewed draft beer, VQA red and white wine, juices, fresh-roasted coffees, cookies, treats
Additional details:	Mike Ford, Director of Production & Operations Email: mike.ford@belfry.bc.ca Phone: 250.385.6835