

# The Belfry Arts Centre

## Technical Specifications

The Belfry Arts Centre has, as its home; a fully restored 19<sup>th</sup> 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)

<b>Stage</b>	Elevated Thrust with removable plug units and traps
<b>Description:</b>	
<b>Seating:</b>	279 (Main Floor - 163, Balcony - 116) + 4 wheelchair locations
<b>Dressing Rooms:</b>	A: 5 occupants , B: 7 occupants, C & D: 1 occupant each E: quick change area stage right: 3 occupants
<b>Green Room:</b>	equipped w. kitchen, sofas, telephone, bathrooms, shower
<b>Stage Width:</b>	30'4"
<b>Stage Depth:</b>	21'6" (with additional alcove upstage-see drawings)
<b>Stage Floor:</b>	Masonite over plywood (Can be screwed in to and painted)
<b>Traps:</b>	Apron and stage is removable in 4' plug units (see drawings)
<b>Trap room:</b>	Perimeter - 18'8" x 7'11"
<b>Stage Walls:</b>	Drywall over ¾" plywood (Can be screwed in to)
<b>Grid:</b>	Fixed grid & catwalk with rated points (contact TD or PM)
<b>Grid Height:</b>	19' to bottom of pipe
<b>Loading Access:</b>	4000 lb hydraulic elevator off Fernwood Rd, Parking Permit R'qd
<b>Loading Doors:</b>	8' H x 7' 10" W
<b>Stage Drapery:</b>	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)
<b>Plans:</b>	¼" and ½ " plans available upon request. Also available in dxf, pdf & vectorworks format from our website - <a href="http://www.belfry.bc.ca">www.belfry.bc.ca</a>
<b>Additional details:</b>	Shawn Donellsen, Production Manager - <a href="mailto:production@belfry.bc.ca">production@belfry.bc.ca</a> Keith Houghton, Assistant Technical Director – <a href="mailto:atd@belfry.bc.ca">atd@belfry.bc.ca</a> Phone: 250.385.6835 Fax: 250.385.6336

**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 201 thru 250, Focus points 1 thru 16, and Group 100 are pre-recorded with House DMX gear. Please refer to page 5 for details.

# Equipment Inventory (The Stewart Theatre)

## LIGHTING EQUIPMENT

<b>Control</b>	ETC Express 250 console	250 channels / w. remote focus unit
<b>Dimmers</b>	120 total - Strand CD80	Each 2.4 kw one dimmer per circuit
<b>Circuits</b>	96 fixed / 24 Soca	Some duplicated / all TLG
<b>Color Stock</b>	Rosco	

<b>Number</b>	<b>Instrument</b>	<b>Notes</b>
72	ETC Source 4	575w -with 50 gobo holders & 6 iris / choice of lens tubes / 60 @36deg / 16 @50deg / 30 @26deg/4@19deg
12	Par 64	1kw - MFL (NFL & WFL also available)
24	Strand 3380 Fresnels	1kw - with barndoors
4	LE MR-16 Mini Strips – 6'	3 circuits @ 750w each (2 additional minstrips available upon request)
4	Rosco I-Cue Mirror Kit with 26deg Source 4 and ChromaQ-Broadway scroller	2 - 16 string color scroll available for each – see below This is a kit-not avail. as components
8	SpectraQ color scrollers c/w 10", 7.5", and 6.25" backplates	2 – 16 string color scroll available for each – see below
1	Lycian Club Follow Spot	360w, 86 v, booth - balcony centre-left
6	MR16 Pars	50w, 120 v
2	Apollo Gobo Rotators	
2	Altman Color Wheels	

## EFFECTS / PROJECTION EQUIPMENT

1	Rosco Delta 3000 Fog Machine	With DMX interface
1	Rosco 1500 Fog Machine	With DMX interface
1	LeMaitre Neutron XS Hazer	With DMX interface
1	Martin Atomic 3000 Strobe	With DMX interface
1	Sony VPL-PX10 Video Projector	With 1 Scroller douser
1	Tascam DVD 6500 Controllable DVD Player	
	Sony DCR-TRX740 Digital 8 Handycam	
1	Macintosh G4 Dual Processor computer w/ Final Cut Pro Digital Video Editing Software	
2	35 mm Kodak Ektagraphic Slide Projectors c/w Dove Dissolve unit and Manual Controller	

**"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-376	Bermuda Blue
14	R-93	Blue Green
15	R-3304	Tough Plus Green
16	R-55	Lilac

**"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	L-200	Double CT Blue
8	R-3204	Half Blue (1/2 CTB)
9	L-161	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

## BELFRY DMX GEAR HOUSE PATCH

The following is our pre-recorded patch for House DMX gear. Channels 201 thru 250 are to be used only as follows.

Channel(s)	Purpose
201 > 208	Spectra Q 3 Scrollers
209	not used
210	Fixture 1 Lamp
211 > 214	Fixture 1 Mirror
215	Fixture 1 Broadway Scroller
216	not used
217	Le Maitre Neutron Hazer
218	Rosco Delta 3000 Fogger
219	Rosco 1600 Fogger
220	Fixture 2 Lamp
221 > 224	Fixture 2 Mirror
225	Fixture 2 Broadway Scroller
226 > 229	not used
230	Fixture 3 Lamp
231 > 234	Fixture 3 Mirror
235	Fixture 3 Broadway Scroller
236 > 239	not used
240	Fixture 4 Lamp
241 > 244	Fixture 4 Mirror
245	Fixture 4 Broadway Scroller
246 > 249	Martin Atomic Strobe
250	Chat Light

### PATCH NOTES

1. Focus Points 1>16 have been pre-built to be used for referencing scroller frame numbers.
2. Group 100 is pre-built and contains the Spectra Q 3 scrollers (ch. 201>208)

## AUDIO EQUIPMENT

<b>Equipment</b>	<b>Notes</b>
<b>Allen &amp; Heath GL2800 24 Channel 8 Bus Console</b>	Console located in control booth
<b>Pentium 4 Computer, 3GHZ Processor, 1GB Ram</b>	Adobe Audition editing software / SFX Pro Audio Show Control playback software / 8 channel output Echo Layla 3G Interface
<b>Sony Mini disc players</b>	1
<b>JVC CD player</b>	1
<b>Teac V-360 cassette deck</b>	1
<b>Crest VS900 power amplifier</b>	2
<b>Crest CPX1500 power amp</b>	3
<b>Bose 502A Panaray (MAINS)</b>	2 - grid downstage left & right / location flexible
<b>Bose sub</b>	1- installed under stage apron
<b>Bose 203 speakers (FILLS)</b>	4 - permanently installed - main floor & balcony
<b>EV S-40 speakers(SURROUND)</b>	8 - permanently installed - main floor & balcony rear 2 - location flexible
<b>EV SxA100 speakers (SPARES)</b>	6- location flexible
<b>Self-powered</b>	
<b>Shure UHF wireless UT2/58 handheld microphones and UT14/85 lavalier mics</b>	3 w/ boom stands
<b>Shure SM58 Microphones</b>	4 w / boom stands
<b>AKG HM1000 Hanging microphone with CK80 shotgun hypercardiod head</b>	2
<b>Lexicon MPX1 Effects processor</b>	1
<b>Ashly GQX-3102 31 band 1/3 octave graphic EQ</b>	2
<b>GT44 Gate/Expander</b>	1 - Four-Channel
<b>CL44 Compressor/Limiter</b>	1 - Four-Channel
<b>Snake</b>	1 - Flexible 24 channel / 4 return 100' snake 1 - Permanently installed 6-channel snake
<b>Soundcraft Spirit Studio Mixing Console 24/8/2</b>	1 - Console available for house mix position - set up time required

**Inter-Com**

Full 2-channel Clear Com throughout theatre with 10 remote belt packs and headsets, and 1 wireless beltpack. 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

# The Belfry Studio A

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

<b>Stage</b>	Floor-level playing area, raked seating
<b>Description:</b>	
<b>Seating:</b>	92 seats
<b>Dressing Rooms:</b>	F: 2 occupants G: 2 occupants
<b>Green Room:</b>	equipped with armchairs, kitchen and bathroom facilities
<b>Stage Width:</b>	29'
<b>Stage Depth:</b>	18'8"
<b>Stage Floor:</b>	Masonite over plywood (Can be screwed in to and painted)
<b>Traps:</b>	None
<b>Stage Walls:</b>	Drywall over 1/2" plywood (Can be screwed in to and painted)
<b>Grid:</b>	Fixed grid w/ rated points (contact TD or PM)
<b>Grid Height:</b>	15'5" to bottom of pipe
<b>Loading Access:</b>	4000 lb hydraulic elevator off Fernwood Rd, Parking Permit R'qd
<b>Loading Doors:</b>	6'6" H x 5'W
<b>Stage Drapery:</b>	Crossover black drapes and Legs (others subject to availability / see Mainstage Inventory)
<b>Plans:</b>	¼" plans available upon request - also available in dxf, pdf & vectorworks format from our website - <a href="http://www.belfry.bc.ca">www.belfry.bc.ca</a>
<b>Additional details:</b>	Shawn Donellsen, Production Manager - <a href="mailto:production@belfry.bc.ca">production@belfry.bc.ca</a> Keith Houghton, Assistant Technical Director - <a href="mailto:atd@belfry.bc.ca">atd@belfry.bc.ca</a> Phone: 250.385.6835 Fax: 250.385.6336

# Equipment Inventory (Studio A)

## LIGHTING EQUIPMENT

**Control** ETC Express 24/48 with 96 channels

**Console**

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**Dimmers** 60 CD80 dimmers / 1 > 48 @ 1.2kw / 49 > 58 @ 2.4kw / 59 > 60  
dedicated house lights / all circuits TLG

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**Color Stock** Rosco

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<b>Number</b>	<b>Instruments</b>	<b>Notes</b>
17	Berkey variable focus 30,40,50 deg.	500w -
6	6 x 9 Alt 360Q	750w - with gobo holders
4	4½ x 6 Alt 360Q	750w - with gobo holders
7	6" Alt Fresnels	500w
10	6" Strand Fresnels	500w
2	LE MR-16 Mini Strips – 6'	3 circuits @ 750w each
12	Strand 2212	575w- with gobo holders
6	Strand 30 deg.	575w - with gobo holders
6	Strand Lekozoom 25-50	575w - with gobo holders

## AUDIO EQUIPMENT

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**Pentium 4 Computer, 3GH Processor, 1GB Ram** Adobe Audition editing software / SFX Pro Audio Show Control playback software / 8 channel output Echo Layla 3G Interface

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**Tascam M208 8/4 - mixer** 1

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**JVC CD Player** 1

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**Teac V-360C Cassette Deck** 1

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**Sony mini disc players** 2

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**Bryston 2b power amp** 2

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**Nano Verb Reverb unit** 1

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**ElectroVoice 1202-S** 2

**speakers**

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**Elite Micron 160 speakers** 2

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## Intercom

Clear Com base station and 2 belt packs and headsets.

## Program Sound

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

## Belfry Lobby

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

The Belfry is wheelchair accessible.

<b>Room Dimensions:</b>	23' x 48' + courtyard
<b>Seating:</b>	80, standing up to 150
<b>Grid:</b>	Fixed grid
<b>Grid Height:</b>	11' 5" to bottom of pipe
<b>Loading Access:</b>	Ramp off of Gladstone Ave
<b>Loading Doors:</b>	83" H x 47" W
<b>Lighting:</b>	Overhead track halogen and halophane with dimmer controls / 2 – 20A and 2 – 15A circuits available for theatrical lighting
<b>Audio:</b>	Sony 5 Disc CD Player / TOA 900 Amplifier / 4 Bose 101 speakers / Paging Microphone
<b>Staging:</b>	Tables, chairs, podium, easels, LCD/overhead/slide projectors, TV/VCR available with advance booking
<b>Coat Check:</b>	Self-serve coat racks located in foyer
<b>Concession:</b>	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.

<b>Room Dimensions:</b>	22' x 24'
<b>Seating:</b>	Seated 25, standing up to 40
<b>Loading Access:</b>	Gladstone Avenue
<b>Loading Doors:</b>	82" h x 34" w
<b>Dressing Rooms:</b>	(subject to availability) F: 2 occupants G: 2 occupants
<b>Lighting:</b>	Overhead track halogen with dimmer controls
<b>Audio:</b>	Teac CD / Cassette Player / TOA amplifier / 6-Bose 101 speakers
<b>Staging:</b>	Podium, easels, projectors, TV/VCR available with advance booking
<b>Concession:</b>	Serves 2 types of locally craft-brewed draft beer, VQA red and white wine, juices, fresh-roasted coffees, cookies, treats
<b>Additional details:</b>	Shawn Donellsen, Production Manager - <a href="mailto:production@belfry.bc.ca">production@belfry.bc.ca</a> Keith Houghton, Assistant Technical Director - <a href="mailto:atd@belfry.bc.ca">atd@belfry.bc.ca</a> Phone: 250.385.6835 Fax: 250.385.6336