



Victoria University Isabel Bader Theatre Technical Specifications

Updated: November 25, 2013

SEATING

Total Number of seats	500 Seats
Orchestra	378 Seats
Balcony	122 Seats

STAGE

Stage Deck - Roscoleum Linoleum floor on a wood sleeper system. Accommodates tap, Flamenco and Irish Dance as well as any soft shoe styles.

Sprung for dance, working load limit (average) 100 lbs. /sq. ft. (490 Kg/m²)

Stage Dimensions

U.S. edge of Proscenium to back wall	27 ft 5" (8.3 meters)
Width, centerline to S.R	28 ft 4" (8.64 meters)
Width, centerline to S.L.	28 ft 4" (8.64 meters)
Clear Height, underside of S.R. Gallery	17 ft 4" (5.28 meters)
Clear Height, underside of S.L. Gallery	12 ft 7" (3.83 meters)
Height, underside of Grid	42 ft 3" (12.9 meters)

Forestage

7.5 feet (2.3 meters) deep curved forestage

U.S. edge of Proscenium to edge of apron on centerline 7 ft 8 1/2" (2.35 meters)

Proscenium

29 ft 9" wide x 19 feet 8" high (9.07 meters wide x 5.99 meters high)

Crossover

In corridor behind upstage wall, accessed via doors centre stage left and downstage right

POWER

LX Touring Power:

2 disconnect panels each @ 400 amp/208V/ 3PH
(Located upstage left)

Audio Touring Power:

1 disconnect Panel @ 100 amp/208V/ 3P
(Located upstage right)

Truck Power:

1 Camlock Panel @ 60 amp/208V/ 3PH
Posi lock E0200 series mini cam connectors
(Located @ loading dock-offstage left)

LIGHTING

Control Room:

Balcony level. Lighting console can also be run from rehearsal position in house and from down stage right.

House Lights:

Controllable from Preset Stations, Entry Stations (lockable), Console and Central Room Control System

Lighting Instruments:

10	Cantata 26/44	1Kw	
44	Strand SL		575 watt (with 30- 19 degree lenses, 10- 26 degree lenses, 10 50 degree lenses, and 4- 36 degree lenses)
20	ETC Source4		750 watt, 16-26 degree, 4-19 degree
10	Strand 8" Fresnels		2 Kw with barndoors (can be lamped at 1Kw)
18	Colortran 6" Fresnels		1Kw (with barndoors)
4	Colortran Farcyc 3 cell		3 x 1Kw (can be lamped at 2Kw)

Control:

ETC Ion 1024 channel, wireless remote focus, remote

Dimming:

280 Twist Lock Ground circuits hard wired to dimmers (2.4Kw)

House lights 8 dimmers

Colour & Gobos:

There is a very limited stock of gobos and colour in house

AUDIO

House System is powered by a single phase power with technical ground source

Audio Control:

Permanent, in booth, at rear of Balcony

Window can open for mixing

There is no in house mix position

Audio Console:

Yamaha LS9-32 digital mixer 32 XLR inputs for Mic/Line, 8 1/4TRS inputs for line level

Patchable from 48 microphone and 12 line level located on the stage

Main Speaker (Line Array):

2 Renkus-Heinz VA101-15/9-52R

2 Renkus-Heinz VA101-15/912-52R

2 Renkus-Heinz VA101-22/12-52R

High power 10" Low Frequency woofer coupled with two neodymium High Frequency Compression Drivers. Self-Powered PF2-500R with RHAON networking (Hung elevated Stage Right and Stage Left).

Sub-Woofer system:

3 Renkus-Heinz VA15S-5R 15" Subwoofer, self-powered, includes PF1-500R RHAON Amp Module (Mounted under forestage thrust).

Fill System:

Rear Balcony: **3 JBL model SP212-9**

Under Balcony: **Renkus-Heinz TRX62H** dual 6.5-inch Heavy-Duty LF drivers with carbon fiber cones and a 1-inch Extended Range Titanium HF Driver fills (on delay)

Monitors:

2 JBL PRX412M 12", two-way multipurpose performance loudspeakers

2 JBL model MR902 wedge monitors

Power Amplifiers

1 Carver model ca400 (Under Balcony)

2 Carver model ca900 (For Monitors)

Additional Processing:

Not available

Booth Monitors:

2 Bose Lifestyle powered monitors

Program and Page:

To all Tech areas, Dressing Rooms, Lobbies

70 volt system

Playback Sources:

1 Denon model Dual Disc CD Player with mp3

Super Audio CD (SACD)

DVD Audio and SACD in multichannel surround mode require the theatre's cinema sound to be in place on stage.

Microphones:

- 2 Shure Beta 58C
- 1 Countryman Isomax IV permanent in lectern
- 1 Shure Wireless system with 12 receivers
- 8 Wireless handheld Mics
- 8 Wireless headset Mics

(NOTE: You can only use 12 wireless microphones in combinations of with our current receivers in house; if you require additional microphones you will need to provide them)

Miscellaneous

- 1 BSS AR116 Direct Box
- 4 Atlas microphone stands
- 4 Digiflex 25ft and 4 50ft microphone cables
- 4 Digiflex 25ft loudspeaker cables
- 1 Sony model MDR 7506 stereo headphones
- 10 Wenger music stands

House Intercom

- Complete Clear-Com 2 channel system
- All functional areas are hardwired
- 1 PS-22 dual power supply
- 4 KB-211 dual channel Speaker Stations
- 3 KB-212 single-channel Speaker Stations
- 6 single channels and 2 dual channel belt packs
- 10 Beyer model DT-108 headsets

VIDEO AND PROJECTION

House System is powered by a single phase power with technical ground source

Video Control:

Permanent, in booth, at rear of Balcony

Projectors:

Data Projector - Sharp XG P610X DLP Projector (6000 ANSI Lumens; 1800:1 contrast ratio; 1024x768 Native Resolution; 4:3 Native)

** Hung above seating area and pre-focused to our small video projection screen. **

Digital Projector

- Christie CP2220 Projector
- Christie IMB (integrated media block or cinema server)
- 2.15 - 3.60:1 Zoom Lens for Flat & Scope ratios
- CDXL-20 Lamp
- RAID Storage (3TB total)
- High Frame Rate (for 48 fps & 60 fps)

NOTE: This package is NOT included in the base rental rate, but can be purchased as an add-on to your rental of the theatre. Please discuss with your coordinator for more details.

35mm Projectors - 2 Strong Super Lumex 2000w xenon movie projectors with Century pull downs, basement readers with a red source for 35 mm only.

Aspect ratios available: 1:1.33, 1:1.66, 1:1.85, and 1:2.35

NOTE: These projectors are on site but will require a four (4) technician installation and tear down for each event.

Small Projection Screen:

16ft X 16ft (4.88m x 4.88 m) motorized front projection hung from grid over centre stage

Movie Screen:

Screen with surround and audio hung on winch pipe at centre stage with adjustable masking

Width adjustable from 19'-6" to 29'-0" (5.94m to 8.84m)

Height adjustable from 10'-0" to 14'-0" (3.05m to 4.27m)

Booth Sources:

1 DENON DBP2012DU – Blu Ray Disc/ DVD Player

Video files supported are DivX, MPEG, AVI, and WMV.

Media Files with extension .mp3, .wma, .wav, .jpg, .jpeg, .avi, .divx, .mkv, .mpg, .mpeg, .mp4, .ts, .m2t, .wmv are supported.

1 ROGERS High Definition Cable Box with PVR

Crestron DM-TX-201-C Digital Media 8G+™ Transmitter 201 Portable (inputs: VGA with 1/8 inch audio or HDMI)

Stage Sources:

Stage Right and Left :Crestron DM-TX-200-C-2G Wall Plate Digital Media 8G+™ Transmitter 200 (inputs: VGA with 1/8 inch audio or HDMI)

Teaching station:

Video Monitor:

In Booth Toshiba 26" TV (High Definition)

Control:

CRESTRON Central Control System

10.4 Panel in Control Room

Cinema Audio:

Dolby DMA 8 digital audio processor

Dolby digital CP-500 cinema processor

5.1 surround sound with pro logic for stereo sources

Patch Points:

5 Wire RGB BNC connectors

1 Composite BNC connection down stage left and down stage right

Mini DB15 connection and Composite BNC connection in control booth

Mini DB15 connection in lectern

DRESSING ROOMS

One 2 person accessible dressing room on first floor (*stage level*)

One 4-6 person and one 8-10 person dressing room on second floor (*with washroom and shower access*)

Green room on the third floor (*25 person capacity*)

Unfinished Chorus space available (*Understage*)

Green Room and Laundry also available (*Extra charge for laundry access*)

MISCELLANEOUS

Lift:

Handy Herman single person lift with a working height of 24 ft (7.3 meters)

***NOTE: Only a trained technician of the venue is allowed to operate or use this piece of equipment. Pre-Event approval will be required. ***

Laundry Facilities:

Washer and dryer in basement

Piano:

Steinway 9 ft Concert Grand – Model D

NOTE: The piano rental is NOT included in the base rental rate, but can be purchased as an add-on to your rental of the theatre. Please discuss with your coordinator for more details.

(Tunings must be arranged in advanced with the coordinator)

Truck Loading:

Offstage left at the south east corner of the building

Room for a 24 ft truck

Ground level- 4 ft (1.2 m) above stage level

Dock elevator 8 ft x 6 ft platform (will not rise above ground level)

Overhead Door 8.2 ft (2.5 meters) wide x 9.8 ft (3 meters) high

Off Stage Storage:

538 square feet (50m²) offstage left

Door onto stage 9.8 ft (2.5 meters) wide x 9.8 ft (3 meters) high

Rehearsal position in auditorium:

Located in row G

With power, clear-com, lighting board connection, telephone and Ethernet

NETWORK ACCESS & IT INFORMATION

U of T Network:

Victoria University can provide limited access to our campus network for conferences and event groups. Use of this network must be approved by the IT Department (through a Network Access Request Form) and use of the network is limited because we cannot guarantee bandwidth and we cannot allow consumption more than 8 gigabytes. As such, the IT Department will review your application request before submitting approval to the coordinator's office. Please contact your

coordinator for more information. This request must be received at least 2 weeks in advance of your event or will be subject to premium charges for this service.

External Line:

A dedicated Bell line (1 Ethernet port) has been installed in the loading dock just off stage left and can be set up for conference guests requiring a more robust internet connection. While this line has been installed, it can only be configured by clients who have a signed rental agreement and who have gotten in touch with Bell Canada about the set-up of their specific line.

Your line can only be configured and tested by a Bell technician at an approved time by the coordinator and NO MORE THAN 1 week in advance of your event (depending on the number of other clients on site). Notification of this request must be received by the coordinator at least 2 weeks in advance of your event or may be declined.