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 81/2” (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 Digifex 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.

You 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.