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Contact

Francis Winspear Centre for Music Home of the Edmonton Symphony Orchestra
 9720 102 Avenue (T) 780-429-1992 or 780-428-1108
 Edmonton, AB T5J 4B2 (F) 780-425-1913

Box Office Direct Phone: 780.428.1414

Stage Management Direct Phone: 780.401.2551
 780.401.2563

Lighting Department Direct Phone: 780.401.2558

Audio Department Direct Phone: 780.401.2557

Stage Door, Security Direct Phone: 780.401.2565

Stage Information

The performance chamber is a classical rectangular concert hall design. The stage is semi-circular in shape with a clear-coated maple floor on wooden sleepers. The floor is designed for acoustic performance and is not sprung for dance performance. A choir loft is located 3 meters above and behind the stage. Above the choir loft is the Davis Concert Organ, an instrument containing 6551 pipes.

Access to the stage is by Downstage Left and Downstage Right entrances. There is no proscenium, main curtain or masking.

Wing space is limited to a crossover hall approximately 3.5 meters wide and 3.8 meters high.

Stage Dimensions

Downstage Width	18.65 meters (61'-2")
Depth at Centre stage	13.7 meters (44'-11")

Acoustical Properties

The Francis Winspear Centre for Music was designed with superior acoustical properties for live performance. The ability to introduce adjustable wall treatments surrounding the performance chamber allow for reverberation time control. A two section canopy above the stage can also be set at various trims to control compression factors on stage. In addition to these acoustical treatments, we also have a dark green velour drape (40' high X 100' wide) that hangs from our curved truss upstage to further assist with acoustic control during amplified performances.

Available Drawings

Drawings are available in two formats, AutoCAD and PDF.

Loading Area

Loading Dock

Two bays are available, each capable of handling full length semi trailers. The dock is at stage level approximately 20 meters from the stage area (short, level push). Access to the loading dock is from 102A Avenue, north side of building, via the parking lot.

Production Parking

With advance notification, Bus parking is available adjacent to the loading dock. In the case where there is only one production truck, it may be able to stay in the loading dock, leaving one bay available for other facility deliveries. Other vehicles will have to be parked at the production's expense in local parking lots.

Shore Power

- 1 – 200A 120/208V 3 phase panel is available for bus shore power with:
- 3 – 50A 120/208V single phase stove plugs
- 6 – 15A 115V single phase utility receptacles

Rigging

All rigging points are dead hangs with a capacity of 1000 kilograms each. The engineered points are laid out in a straight, symmetrical line set pattern of six rows. Line sets 0 thru 4 have seven points each, spaced 2.5 meters apart while line set 5 has five points. In each line set, the middle point is aligned with centre stage.

Line set positions as measured from the stage apron:

Downstage	Line set #0+14m	(45'-11")	over house
	Line set #1+ 8m	(26'-3")	over house
	Line set #2+ 1.9m	(6'-3")	over 2 nd row of seats
Apron	0		
	Line set #3- 2.6m	(8'-6")	over stage
	Line set #4- 6.5m	(21'-4")	over mid stage
Upstage	Line set #5- 10.6m	(34'-9")	over upstage

Height from deck:

Front Acoustic Canopy	45'-8 7/16"
Rear Acoustic Canopy	53'-3 3/16"
Ceiling	80'-2 5/8"

Upstage Truss

In addition to the rigging points, there is an upstage curved truss that matches the shape of the stage. The truss is permanently hung on five one ton chain motors and used for the hanging of our acoustic drape and programmable lighting fixtures as well as touring production elements.

Rigging Safety

Fall arrest systems are mandatory for all production trussing used.

Electrical

Show Power

The Concert Hall has numerous power panels located throughout the facility equipped with J Series Cam Locks. Ground and Neutral are not reversed.

Exterior Mobile Location	200A 120/208V 3 phase
Exterior Mobile Location	200A 120/208V 3 phase
Loading Dock – isolated ground	200A 120/208V 3 phase 3 – 50A range plugs 6 – 15A quad boxes
Stage Left – Audio – isolated ground	200A 120/208V 3 phase
Stage Left – Lighting	400A 120/208V 3 phase
Upstage Centre - Lighting	400A 120/208V 3 phase
Stage Right – isolated ground	200A 120/208V 3 phase
Lobby	200A 120/208V 3 phase
The Studio	100A 120/208V 3 phase with: 6 - 15A duplex receptacles 2 - 20A twist-lock 1 - 30A 125/250V plug 2 - 50A 120/208V single phase range plug
Projection Booth	100A 120/208V 3 phase
Follow Spot Booth	100A 120/208V 3 phase
Ceiling Truss Space – 4 panels of	100A 120/208V 3 phase

Lighting Control

Five opto-isolated DMX lines are located within the Concert Hall for DMX1. A second DMX2 line is used for the in-house moving light fixtures located on our upstage truss.

The main in-house control position is located in a booth at the rear of the hall. Three other locations inside the hall are pre-wired, Stage Right, centre of hall and Stage Left Broadcast Booth. A remote pendant is available for focus sessions.

Lighting control is provided by a Martin Maxxyz Compact + 48 subwing.

The dimming system is comprised of 3 – CD-80SV racks with 288 – 2400 watt, 800 microsecond dimmers. House lights are operated from a separate control console and dimmers.

Connectors

Disconnects:	J series Cam Locks, ground and neutral are not reversed
Fixtures:	New Style Twist Lock – 20A 120 volt
Circuits:	6 X 19 pin Socapex connectors

Followspots

- 2 – Strong Super Trouper 2000 W Xenon long throw with Telrad Reflex Sights
Located in our Spot Booth.

Permanent Lighting Positions

The Concert Hall was designed primarily for symphony orchestra concerts and has a standard house hang that provides even illumination across the stage. In addition to the concert lighting, we are able to focus a number of instruments to accommodate other performances.

Fixture Inventory

Pre-focused Concert Lighting

146	ETC Source 4 – 26°	575W
4	Strand 20°	575W
20	ETC Source 4 – 26°	750W Choir Loft focus
62	ETC Source 4 – 36°	750W
12	Colorado	Tour 2 “LED Pars”

Focusable Inventory

14	ETC Source 4 - 19° w/ iris	750W	on canopy
20	ETC Source 4 - 10°	750W	FOH wash / in pairs
6	ETC Source 4 - 5° w/ iris	575W	FOH specials
60	ETC Source 4 Pars Medium	750W	Upstage 3 colour wash in pairs
8	Martin “TWI” wash fixtures	1200W	
6	Martin “350 Entour LED” profile fixtures		

Additional Float Inventory

12	Strand 30°	575W
12	PAR 56 Stubbys	500W
8	HighEnd Studio Color 575	

Hazer

1	Look Hazer
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Sound System and Communications

Show Audio Power

Loading Dock	200A	120/208	3 Phase - isolated ground
Stage Left	200A	120/208	3 Phase - isolated ground
Stage Right	200A	120/208	3 Phase - isolated ground
The Studio	200A	120/208	3 Phase
Lobby	200a	120/208	3 Phase

House Sound System

Stage Left & Stage Right Line Arrays

16 Meyer M'elodie curvilinear boxes per side

Stage Fill, Floor

5 Meyer M1D lip fill off stem send

1 Meyer CQ2 per side L/R

1 Meyer 700-HP sub per side off stem send

Choir Loft

4 EAW CH461 passive mid-hi enclosures

Rear Balcony

3 EAW UB82 passive full range enclosures

Mixing Console - FOH

Solid State Logic LIVE L500+

Waves Maxx BCL

FOH Recording / Playback Equipment

1 HHB CDR 882 dual burn recorder

1 Tascam SS-CDR200 CD/USB/SD/CF recorder/player

2 Tascam CD-O1U players

2 Radial AV2 iPod/Computer Direct boxes

Monitor System

Solid State Logic LIVE L300

11 EAW SM200iH passive floor monitors

10 Mixes of 800 watts each

Microphones

Shure

1	VP88 Stereo
6	Beta 57
6	Beta 58
1	Beta 52
1	Beta 91
6	Beta 87A Handheld Transmitters
6	UR1 Wireless Body Pack
3	UR4D Wireless Receivers
1	SM 58 with on/off switch

Neumann

8	KM100 4- AK30 omni caps 4- AK40 cardioid caps
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Audio Technica

1	ATM25
13	ATM Pro 35X Clip on Condensers

Earthworks

1	PM40 stereo piano mic
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DPA

6	D:fine Cardioid headset mics (beige)
6	4099HI clip on condenser instrument mics – various clips available

Beyer

2	M88
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AKG

8	535
21	300E/CK91
8	414 XLS

Crown

2	PCC160
1	PZM

Sennheiser

6	MKE-5 Gold-C lavs
3	E604
4	421

Direct

Boxes

8	Countryman 85FET
8	Radial JDI
2	Radial AV1
1	Radial JPC
4	RAPCO DB - 101SL

Cables & Snakes

- 1 64 channel 3 way split with 2 isolated with Lundahl transformers – no copper to FOH
With 30' monitor split cable
- 1 12 channel 75' front line snake
- 2 12 channel 75' sub snakes
- 1 8 channel 100' fan out snake
- 1 6 channel 50' sub snake
- 60 assorted length mic cables

Microphone Stands

12 Atlas MS-12C	8 Atlas DMS-10E	2 Atlas DMS-7E
6 Atlas MS-20	4 Atlas MS-4 / desktops	4 K&M 259/1
15 K&M 211/2 boom	42 K&M 211/1 boom	28 K&M 210/2

Portable Sound System

- 1 Mackie 1202-VLZ 12 channel mixer
- 1 Tascam CD-O1U CD player
- 1 Ashly MQX 2150 stereo graphic EQ
- 1 Drawmer DL441 compressor/limiter – inserted on mic channels
- 1 Crest Audio CKS 400 power amplifier
- 2 EAW UB82 speakers
- 1 Shure ULXD4Q Receiver
- 4 Beta 87 Wireless transmitters

The Main Lobby and the Upper Circle are covered by 2 Renkus Heinz Iconyx speakers on each level plus ceiling speakers. Only one area can be accessed at a time.

Intercom System

A 4-channel Clearcom system is provided with receptacles placed throughout the performance support areas.

Lecterns

- 2 Wooden lecterns available with the “W” Winspear logo on the face.

Media Feed

- 1 – 24 channel mic level output, passive Media distro

Hearing Impaired System

- 1 – FM transmitter
- 1 – FM Antenna / 12 receivers and headphones

Production Broadcast

The Concert Hall is wired for Broadcast use. An isolated Broadcast suite is located Stage Left with full audio patching capabilities. There are 64 audio tie lines between the Broadcast suite and the Loading Dock for mobile truck patching. There is also full access to the 64 channel passive Lundahl isolated split as well as 18 dry tie lines that are patchable from the performance area directly to the suite. Intercom and video (BNC) patching provided. 96 split channels are also available directly from SSL stage boxes.

Staging Equipment

Pianos / Keyboards

- | | | | |
|---|-----------------------------------|---|------------------------------|
| 2 | 9' Steinway Model D Concert Grand | 1 | 7' Bosendorfer |
| 1 | 6' Yamaha C 3 baby grand | 1 | Hammond B3 organ |
| 2 | Yamaha Uprights | 2 | Leslie speakers |
| 1 | Yamaha 6' Disclavier | 1 | Tone cabinet |
| 1 | Portativ Continuo organ | 1 | Fender Rhodes electric piano |
| 1 | Celeste | | |
| 1 | Harpsicord | | |

Davis Concert Organ

Built by Orgues Letourneau Limitee, the Davis Concert Organ, Opus 50, Canada's largest concert organ is a four manual with 6551 pipes, 96 stops and 122 ranks.

Risers

Wenger Versalite riser system including:

- 17 4' X 8' platforms
 - 6 4' X 4' platforms
 - 4 Sets of angled filler platforms, 3 levels deep – used to approximate curves
- Risers can be set to heights of 8", 16", 24" and 32"

Chairs

- 60 Tecno tempo orchestra chairs
- 6 Wenger bass stools
- 65 Stacking orchestra chairs
- 6 Black bar stools with hard top

Music Stands

- 120 Double shelf Manhasset stands
- 14 Tall boys
- 10 Single Shelves
- 90 music stand lights

The Studio

The Studio is an acoustically isolated room suitable for many events located at stage level with direct access from the loading dock. Equipped with adjustable acoustic banners, hardwood floor, small PA and 100 amp power supply, this space is available for rental separate from the Concert Hall.

Green Room / Lounge

Located adjacent to the stage door and dressing room area, "Barney's Lounge" is equipped with tables and chairs and a stage monitor. Suitable for performer & crew catering needs.

Dressing Rooms

Conductors Suite	phone	780-401-2561
Conductors Reception	phone	780-401-2508
Solo 1 / with piano	phone	780-401-2562
Solo 2	phone	780-401-2527
Solo 3	phone	780-401-2568
Solo 4	phone	780-401-2528
Chorus 1A	phone	780-401-2529
Chorus 1B	phone	780-401-2530
Chorus 2A	phone	780-401-2535
Chorus 2B	phone	780-401-2536

Wireless Internet connection is available throughout the backstage areas.

All dressing rooms are equipped with mirrors, showers and washroom facilities.

Garment steamer, irons and ironing boards available for use.

Labour Supply

The Winspear Centre has a house staff comprising Audio, Lighting and Stage departments. Additional production staff is supplied by IATSE Local 210 through collective agreement with the Winspear Centre. Any crewing questions should be directed to the Winspear Centre Technical Director.

Equipment Rentals

Supply of all production equipment rental needs is available locally. The Winspear Centre can arrange for delivery of requested equipment or provide a listing of suppliers able to meet your requests. For information, contact the Technical Director.

Fire & Smoke

The Francis Winspear Centre for Music is a non-smoking facility subject to City bylaw enforcement. Non compliance with the no smoking policy can result in additional charges being assessed to the client. Pyrotechnics are not permitted to be used in the Winspear Centre. Also, all open flame, including candles, is strictly forbidden.

Truck Route Directions

Francis Winspear Centre
9720 – 102 Avenue
Edmonton, Alberta

From: Calgary and points south

Highway #2 North becomes Gateway Boulevard (103 Street) inside city limits

To:	Whitemud Drive exit	right turn, East
To:	99 Street	next left turn, North
To:	Grierson Hill	right turn, East - North side of river valley
To:	95 Street	left turn, North
To:	102A - Avenue	left turn, West
To:	97 Street & 102A - Avenue, Left lane, enter parking lot on NE corner.	
	Loading dock on North side	
	Bus parking beside loading dock	
	Stage door on East (97 Street) side of parking lot.	

From: Points East or West

Yellowhead Trail (Highway 16)

To:	82 Street	turn South
To:	Jasper Avenue	82 Street becomes Jasper Ave. at the River Valley
To:	97 Street	turn right, North
To:	102A Avenue	turn left, West
	Enter Parking Lot on your left, stay on north side of building to line up with dock	
	Loading dock on North side	
	Bus parking beside loading dock	
	Stage door on East (97 Street) side of parking lot.	