The Dance Centre – Faris Family Studio Technical Rider

Location: 677 Davie Street,
Vancouver, British Columbia.
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Paperwork Link: https://thedancecentre.ca/space/the-faris-family-studio/

For information regarding the availability and rental rates for the Faris Family Studio, please contact the Technical Director.

The Faris Family Studio is a multipurpose "black box" space. It is located on level 1, which is underground. The loading dock is located on level 2 across the control booth and is at the same level as the back lane (street level).

When the space is being used conventionally, there are 154 seats on a motorized, retractable system. The seating can be moved in and out according to the needs of the renters. The maximum capacity of the room is 200 including audience, performers, and staff.

Rental of the Faris includes a house lighting plot and masking, with the house PA and audio equipment available at a nominal fee. There is a white fabric cyclorama covering the upstage wall with a black traveler in front of it. The house video projector position is from FOH centre and is focused on the cyclorama at full zoom. Use of the projection equipment is subject to an additional fee.

Every client will receive the theatre in its 'house' configuration. Any alterations to the lighting, audio, video, masking, or seating will need to be restored before the end of the booking, with the cost being charged to the renter. The Technical Director has the final discretion regarding alterations to the house plot.

It is recommended that you provide us first with the details of your production. We will then be in a better position to answer your questions.

Floor:

- The floor is permanently covered with a black "Harlequin Cascade" dance floor. The floor is sprung. It is an open cell floor.
- The Dance Centre has a cart carrying 7 rolls of black/grey "Rosco Reversible" dance floor available at an additional cost. These rolls are approximately 47' long each, which is wall to wall coverage stage left to stage right. Any dance floor tape used in the laying of the floor will be charged to the client.

- Grease from body make-up or other type of products that leave a slippery residue can create a problem. Please discuss with the technical director.
- Tap dancing, excessive stomping, or other types of high-impact movement are not permitted on the floor. A tap floor (available for rental) must be installed for productions of this nature.
- Absolutely no nailing, screwing or puncturing the floor is permitted.
- No sharp objects directly touching the floor are permitted.
- Heavy objects creating static loads on the floor can lead to permanent damage. The maximum temporary load on the floor is 1000 lbs (Genie + operator). Please discuss with the technical director if leaving any heavy objects in the space.

Dimensions:

- The room is 62’ 1” deep x 46’ 7” wide (18.9 m x 14.15 m).
- The playing area with seats and house masking in place is 30’ deep x 32’ 9” wide (9.15 m x 10 m).
- The grid is at 23’ 9” (7.25 m) height from the stage level.

Seating:

- The maximum capacity of the room is 200, including audience, performers, crew, ushers, FOH staff etc. If some staging is in place, it could reduce the capacity of the room. Details need to be discussed and approved by the Technical Director.
- The built-in retractable seating is for 139 persons, with 15 portable seats added as a front row for a total of 154 seats. If there is a need for wheelchairs, 2 seats are removed per wheelchair from the first row. The studio is only wheelchair accessible via elevator. A full, clean seating retraction requires two technicians and two hours, with the same on restore. A partial retraction is possible and is much faster, depending on requirements.

Loading Dock and Access Doors:

- The loading dock is located on level 2, which is street level and opens to the back laneway through a garage door.
- Double doors that lead out of the loading bay and into the main lobby are 5’ 7” wide x 7’ high (1.7 m x 2.1 m).
- There is an elevator to go down to the Faris on level 1. The elevator doors are: 4’ wide x 7’ high (1.2 m x 2.1 m).
- The elevator’s interior dimensions are 7’ 3” wide x 5’ 2” deep x 8’ 9” high (2.2 m x 1.55 m x 2.65 m).
- The double doors on level 1 leading in to the Faris are 4’ 9” wide x 8’ high (1.45 m x 2.4 m).
- If big or long pieces of equipment need to be moved into the space, consult with the technical director.

Dressing Room:

- There is a small dressing room upstage right which comfortably fits 3-4 people. It is equipped with a toilet, sink with hot and cold water, mirror, and light. There is a crossover hallway in this room with a door on either end, leading to the upstage wings on stage right and stage left.
- On the second floor bank side there is an additional possible holding space for up to 4 people. There are some mirrors, lights and tables but no washroom in that space.
- There are 2 changerooms in the building: level 3 for women; level 4 for men. Both dressing rooms are equipped with toilets, showers with hot and cold water, sinks with hot and cold water, mirrors, lights, lockers (please provide your own padlock). No overnight storage is permitted unless authorized.
- The Birmingham Studio is directly above the Faris. Groups often prefer to book this studio during performances for noise control. Loud classes have caused issues in the past. The Birmingham can also be used as an expanded green room space. There is stairwell access from the Faris green room to the Birmingham Studio. The same stairwell can also be used to access the Kraul Studio and 6th floor hallway.

General:

- No nailing, screwing into/onto the walls is permitted.
- No taping or adhesives of any kind on the walls is permitted, unless discussed and approved by the technical director.
- No major carpentry is permitted. Minor carpentry can be authorized after discussion with the technical director.
- No painting is permitted, unless discussed and approved by the technical director.
- Nothing can block the 2 fire exits. The technical director has the final decision and has the right to remove anything that is in the way of the fire exits.
- There is a cross-over upstage. It should be kept clear of any obstruction. It is part of the fire exit route. Doors cannot be propped open.
- No fire elements are permitted, unless discussed and approved by the technical director.
- Two fire exit signs must be always visible in the Faris, including during performances.
- The Faris, and the whole building, is a non-smoking environment.
- If strobe lights or similar effect are in use for the show, a warning sign must be posted. If smoke or fog machines are in use, please discuss with the technical director. Some machines may affect our smoke detectors.

Tables, Chairs and Lectern:

- Provided upon prewritten request. The TDC has 60 chairs and 6 tables for the entire building, including the front row of seats. They could be needed for the other floors and activities. Please inquire and reserve in advance.
- We have 1 plexiglass lectern.

Storage:

- Our storage is very limited. The technical director may allow storage after considering a request. We cannot promise to store everything.

Food and Drink:

- No food is permitted in the Faris Family Studio. Only bottled drinks (with cap) are allowed. If a reception is held in the Faris Family Studio, food and drinks will be allowed; however, a mandatory cleaning cost will be charged to the client.
- Front of House staff are instructed to prevent audience members from entering with food.

Internet Connection:

- The building is covered by Shaw Open wi-fi hotspots. A personal Shaw account is required in order to access the network. Alternatively, the #TELUS network is reachable from the 5th floor lounge, and #VanWiFi is reachable from the Faris.
- The Faris Studio has its own wifi network available for clients, with a 1 Gbps download and 150 Mbps upload speed. Please inquire in advance for usage so a guest password can be set up. An ethernet connection from the router can also be made available.

Power:

- There are 6 doubled 15-Amp u-ground outlets on the stage level with panel access from the booth.
- There are 82 additional 15-Amp u-ground outlets on the stage level with panel access from the emergency stairwell, with some doubling. Some of these outlets are marked as having an isolated ground (orange triangle).
- There are 6 additional separate 15-amp u-ground outlets in the tech booth.
- There is a 400-Amp 3 phase disconnect located in the loading dock with E1016 cam-lok connectors. There are 'rat holes' that allow up to Socapex-sized cables to be run through the main lobby and in to the Faris via the tech booth.
- There are 96x L5-20 twist lock circuits at grid level with no doubling. Each is run to a 20-Amp ETC Sensor D20 module. There is one constant circuit module that can be swapped in for non-dim power. See 'Circuit' heading below for more information.

Rigging and Unistruts:

- There are 28 eye-bolt rigging points 3' above the grid (26'9" from the floor). Each point is rated for a maximum load of 4000 lbs (1800 kg), with a maximum distributed load of 5000 lbs (2265 kg) across each i-beam.

- There are 5 beams roughly equidistant from the bulkhead to the upstage wall, spanning the centre gap between the two centermost i-beams. They are rated for two 5000 lbs (2265 kg) fall arrest loads, or two aerial dancers (maximum 200 lbs/90 kg including rigging at a maximum of 45 degrees from vertical in any direction at 3x safety ratio). These 5 beams are bridged along centre with 4 perpendicular beams which are each rated for a single fall arrest/aerial dancer load. If these beams are in use, then only one dancer can be rigged to any joining beam.
- There are 6 beams on the upstage wall above the lighting grid, each rated for one 5000lbs (2265 kg) fall arrest load, or one aerial dancer load.
- Only qualified technicians who are knowledgeable in rigging are permitted to hang objects overhead. A qualified rigger must be present at all times for projects involving persons that are suspended, flown, climbing, or otherwise raised above ground.
- There are channels in between the wall panels on the stage right and left sides of the Faris. and are roughly in line with the main grid pipes. There are a number of unistruts that fit in these channels, with a load limit of 500 lbs (225 kg). The load limit at 3' (1 m) from the unistrut is 100 lbs (45 kg).
- The upstage cyclorama is rigged to a pipe that can be lowered by winch. The cyc can be removed and scenery can be rigged to the pipe, up to a working load of 970 lb (440 kg).

Paperwork:

Several .pdf files are available through the Dance Centre's website and can be accessed online with the link at the top of this document. These documents include:

- Basic room dimensions
- Seating and masking plot
- Bare grid
- House lighting plot
- House plot magic sheet
- House channel hookup
- Inventories
- Scroller strings
- Faris technical rider
- Rigging point plot

Additional files, such as Vectorworks or CAD copies of the plot can be obtained by emailing the Technical Director.

Masking:

Please refer to the 'Seating and Masking Plot' for the house masking setup. It is possible to strike the cyc, but it must be restored at the end of the booking. Striking the cyc requires at least two technicians and 45 minutes. Our masking inventory includes:

- 10 black velour legs. 23’9” high x 8’ wide (7.25 m X 2.45 m).
- White polyester muslin cyclorama. 23’ 0” high x 38’ 3” wide (7 m X 11.65 m).
- 1 black velour traveler, covering the entire cyc and back wall when closed.
- 2 black velour drapes. 24’ high x 20’ wide.
- 8 panels on track to mask the wooden side walls. 8’6” high x 17’ wide each.

Lighting:

The house plot is permanent and always must be restored at the end of a booking at the expense of the renter. Often, it is easier and less expensive for the client to rent extra equipment instead of moving the equipment already installed and positioned. Our lighting inventory includes:

Console:

- ETC Ion with Universal 40-fader wing and 2 LCD monitors.
- Apple I-Pad with ETC iRFR app for remote control of Ion console.

Dimming and Circuits:

- ETC Sensor rack with 48 D20 dual modules 2.4 kw, 20-Amp (96 dimmers total).
- 1 CC module (non-dim hot power) currently swapped into Dimmer 47+48 providing hot power to DSC of grid for moving lights.
- 96 circuits at grid level with L5-20 twist lock connectors. A plot outlining the layout of the circuits is available.
- A 4-channel optosplitter is available in the cable tray downstage left with 3-pin and 5-pin outputs.

Groups Included in House Lighting Hang:

- Backlight wash O/W with barn doors
- Backlight wash with scrollers
- Tip wash with scrollers
- Tip wash with corridors O/W
- Diffuse front wash O/W
- Top wash with breakup gobos O/W
- 6 I-Cue intelligent mirrors (19-degree S4)
- Source 4 PAR head-high side wash O/W with barn doors
- Source 4 PAR wide cross in each corner O/W
- 2 movers onstage downstage capable of doing a cyc wash

Although it does not come installed as part of the house hang, we often recommend a shin wash of 8x 36° Source 4s.

Lighting Inventory:

Please refer to the 'Lx Inventory' by following the link at the top of this document for a more detailed breakdown of all the lighting equipment. The list below includes all fixtures used in the house hang.

- 8x 19° ETC Source Four 750W
- 18x 26° ETC Source Four 750W
- 32x 36° ETC Source Four 750W
- 6x 50° ETC Source Four 750W
- 36x ETC Source Four PAR 750/575W
- 12x PAR 64 MFL 1000W
- 3x Single Cell Work Light 500W
- 2x Mac 301 Moving Light

- 6x Rosco I-Cue Mirror
- 14x Chroma-Q Broadway Scroller
- 13x Chroma-Q Plus Scroller

- 1x Drop-in Iris Kit
- 30x 7.5" Barn Door
- 10x 10" Barn Door
- A small selection of gel
- 8x floor bases
- 8x 10' threaded steel pipe for lighting booms

Lighting Cables:

- TLG cables.
- U-ground cables.
- TLG to U-ground adapters.
- TLG two-fers.
- XLR4 cables.
- XLR5 cables.

Audio:

Use of the audio equipment is available to renters of the Faris for a nominal fee.

There are 3 DB Technologies DVA T8 units flown as mains, these cover the seating system in addition to the front row of added chairs. 2 subwoofers and 2 monitors are typically placed in the downstage SL and SR wing. Each of these points has an individual XLR connection to the control booth. The venue does not have any passive speakers however, there are 6 speakon connections in the ceiling, 2 at stage level for monitors and sub woofers, and 2 behind the

seating for sub woofers. These are connected to a patch panel in the control booth. Speaker configuration is indicated on the plot.

Audio Inventory:

- 6 DB Technologies DVA T8 Line Array units
- 2 DB Technologies SUB918
- 4 Electrovoice ELX200 powered 2 way speakers
- 3 QSC amplifiers
- 1 Allen & Heath QU-24 sound console
- 1 Tascam CD500B CD player
- 1 Sennheiser EW 500-935 G3 wireless handheld microphone with receiver
- 1 Sennheiser EW 100 G3 wireless clip-on lavalier microphone with receiver
- 1 Shure Beta 58A microphone
- 1 SM 58 microphone
- 2 SM 57 microphones
- 2 Shure Beta 91A boundary condenser microphones
- 3 boom microphone stands
- 1 straight microphone stand
- 2 short microphone stands
- 2 speaker stands
- 2 Cable Factory passive DIs
- 1 Radial Media multi-media DI

Audio Cables:

- XLR3 'mic' cables.
- 1/8" TRS to RCA adapters.
- Short 1/4" TRS cables.
- RCA cables.
- A small number of various adapters.
- 1 100' (30.5 meters) snake 12-4 (installed, house position downstage left)
- 1 XLR adaptable gender changer

Clear-Com:

- 3 headsets and 3 belt packs are available. 1 is pre-run to an ASM position in the crossover backstage right. The belt packs' headset jack is 4-pin.

Video:

Use of the video equipment is not included with the room rental and is subject to an additional charge.

It is recommended that clients bring their own devices for media playback. The studio has a 2021 Intel Apple Mac Mini with a QLab 5 Pro Audio and Video license for playback. The house projector has a default position on LX 8, with full coverage of the cyc. The lens is motorized and can be zoomed, or lens shifted by remote. It is possible to move it. There are two other projectors that can be rigged and cabled depending on the needs for each show, but mounting hardware will need to be brought or rented.

Both HDMI (via HDBaseT) and VGA cables are run from the booth to the house projector position. There is a switch in the booth that allows the house projector to be run from a stage position instead. This cable is run to the snake's position in the cable tray downstage left.

Video Inventory:

- 1 NEC NP-PA653U LCD Projector with 41ZL motorized zoom lens; 6500 lumens. WUXGA native resolution. -> Installed house projector
- 2 NEC NP-905 LCD Projectors; 3000 lumens. XGA native resolution
- 1 Apple Mac Mini with QLab 5 Pro Audio and Video License and monitor
- 1 DMX controlled douser installed on the house projector.
- A small selection of HDMI cables from 6' – 30'
- 1 100' BNC cable
- 1 Energy 4X1 HDMI Switcher
- 2 pairs of AV Access HDMI -> HDBaseT transmitter/receiver baluns
- Small number of various adaptors. (Mini Displayport, USB-C, DVI)
- Cat 5, Cat 5e and Cat 6 cables

Camera equipment:

- 4 Panasonic Lumix GH5 cameras
- Leica DG Vario-Elmarit 12-60mm/F.28-4.0 APH./Power O.I.S. Lens
- Panasonic Lumix G X Vario 12-35mm f/2.8 II ASPH Lens
- Panasonic Lumix G X Vario 45-175mm Power Zoom Lens
- Panasonic Lumix G X Vario 35-100mm f/2.8 OIS Lens
- 3 Panasonic DMW-DCC12 DC Coupler
- 3 Panasonic DMW-AC10 AC Adapter Kit for Lumix GH5
- 1 GoPro Hero 8 Action camera
- 4 Manfrotto MT055XPRO3 Tripod with MVH502AH Head
- 4 Sony TOUGH 128GB SD Card
- 3 NanLite Forza 60 LED Monolight
- 1 LED Panel Light

Rental of extra equipment:

It is possible for the Technical Director to assist with any additionally required rentals for audio, lighting, video, etc. from the official TDC suppliers. The rentals will be billed to the TDC account, and the TDC will charge the costs to the renters, with a small service charge. The technical director can also assist or recommend suppliers for other type of equipment. TDC has special pricing from official suppliers.

Lift and ladder:

- The Faris is outfitted with one Genie push lift, Model AWP 25. Working height: 31' (9.45 m). The lift requires two trained technicians to operate.
- The studio is also equipped with a 21' aluminum a-frame ladder. The ladder requires two trained technicians to assemble and operate.
- No scissor lifts are permitted as the floor cannot support the weight.

Technical Crew:

The Dance Centre has a roster of technicians knowledgeable with the Faris and its equipment who are brought in on an as-needed basis depending on the technical requirements for each show. At all times there is a minimum crew requirement of one head technician, who will be able to operate the house lighting and audio system.

- The minimum call is 4 hours.
- The first paid 8 hours are at the regular rate.
- Up to 12 paid hours are at time and half (1.5) of the regular rate.
- After 12 paid hours, additional time is paid at double time of the regular rate.
- A paid 15-minute break is required after 2 hours of work.
- A meal break is required after a maximum of 5 hours of work.
- ½-hour meal breaks are paid, 1-hour meal breaks are unpaid.
- During the 1/2-hour meal break or 15-minute break, the client can stay in the Faris, but will not have the access to technical equipment. During a 1-hour meal break, the Faris must be vacated and is locked.
- Up to one hour is charged at an extra 50% rate for a delayed meal break. A meal break not taken after that hour is considered missed and incurs an additional hour's penalty.
- 8 hours of rest are needed between calls.
- Weekly overtime rates come into effect after six straight days without a day off.

The Technical Director will hire the necessary crew based off the communicated needs of the production. The Technical Director will have final discretion regarding crew booking decisions.

Only qualified technicians from the Dance Centre's roster can operate the lighting or audio consoles and use the lifts or ladders.

Front of House:

It is a requirement to have one front of house manager from the Dance Centre's roster for any performance in the Faris that is open to the public or that expects more than 50 in attendance.

Once the minimum technician and front of house staffing requirements are met, the client can bring in their own personnel to assist with the production. It is common to bring in box office volunteers, ushers, stage managers, designers, photographers, and videographers.