

# University of Pittsburgh at Bradford

## Technical Specifications Guide for Blaisdell Hall/Pitt-Bradford Arts

Current as of September 2023



Blaisdell Hall - 300 Campus Drive, Bradford, PA 16701



University of  
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## University of Pittsburgh at Bradford

Blaisdell Hall  
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Bradford, PA 16701

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## **KOA Speer Electronics Lobby**

Size: Approx. 80' x 23'

Open space located on the ground level of Blaisdell Hall and includes a balcony area. Serves as the lobby for Bromeley Family Theater and as a small performance venue. The lobby is adjacent to the KOA Art Gallery.

Ceiling-mounted speakers are available for program audio monitoring from the Bromeley Family Theater with prior notice to the Technical Director.



## **KOA Art Gallery**

Size: Approx. total size 48' x 22' (Divided into 2 rooms)

The art gallery is equipped with a wire art hanging system, wood floor, gallery lighting, and white walls. Art pedestals, audio, and video equipment available to be used in an array of setups.

The gallery is also equipped with a security system that includes cameras, as well as a motion detection system which automatically calls Campus Police. For more information, please contact the Interim Director of Arts Programming or Technical Director.



## David R. Webb Co., Inc. and Bradford Forest Inc. Rehearsal Hall

Size: Approx. 52' x 33'

A rehearsal hall that can be transformed into an event meeting space. The room is equipped with a screen, projector, Three (3) JBL Control Series speakers and one (1) subwoofer, and multimedia playback for presentations. A Steinway & Sons Model A Salon Grand (6'-2") built in 1911 is for rehearsal and warm up needs.

The standard setup is 20 @ 2'x5' tables set in parallel rows with seating for approximately 40 people. Other arrangements are possible with advance notice.



## Studio Theater

Size: Approx. 35' x 50'

The Studio Theater is a black-box setup that utilizes the stage of the Bromley Family Theater. Risers and chairs provide flexible seating and staging options with a typical three-quarter arrangement that provides seating for approximately 120. The Studio theater is also equipped with an airwall to close off the main house this allows for a spilt space that can be used for large seminars and corporate events. Please contact the Interim Director of Arts Programming or the Technical Director for more details on the use of the Studio Theater.



## Bromeley Family Theater

The Bromeley Family Theater is a medium sized theater equipped with professional theatrical lighting, video, and sound. The space is also home to a Steinway & Sons Model D Concert Grand (8'-11 3/4") in Ebony Satin built in 2005. With flexible seating, thanks to the height adjustable apron extension, Bromeley Family Theater can accommodate up to 590 guests. Permanent seating in the space is raked and staggered so everyone can enjoy the performance. Also, home to the Studio Theater, this space is perfect for large events that need multiple rooms for various meetings and seminars. The venue can be used in various forms for meetings, concerts, theatrical works, and presentations. Dressing rooms with bathrooms and hot showers, laundry, and wardrobe space are available should they be needed. Full- and part-time theater staff are available for your event's success. Special arrangements can be made for many aspects of the space with prior advancement with the Technical Director.



# Bromeley Family Theater Technical Specifications

## Seating Capacity

Raked Seating by Area

Main Floor: 373

Lower Box Seating: 28

Balcony: 77

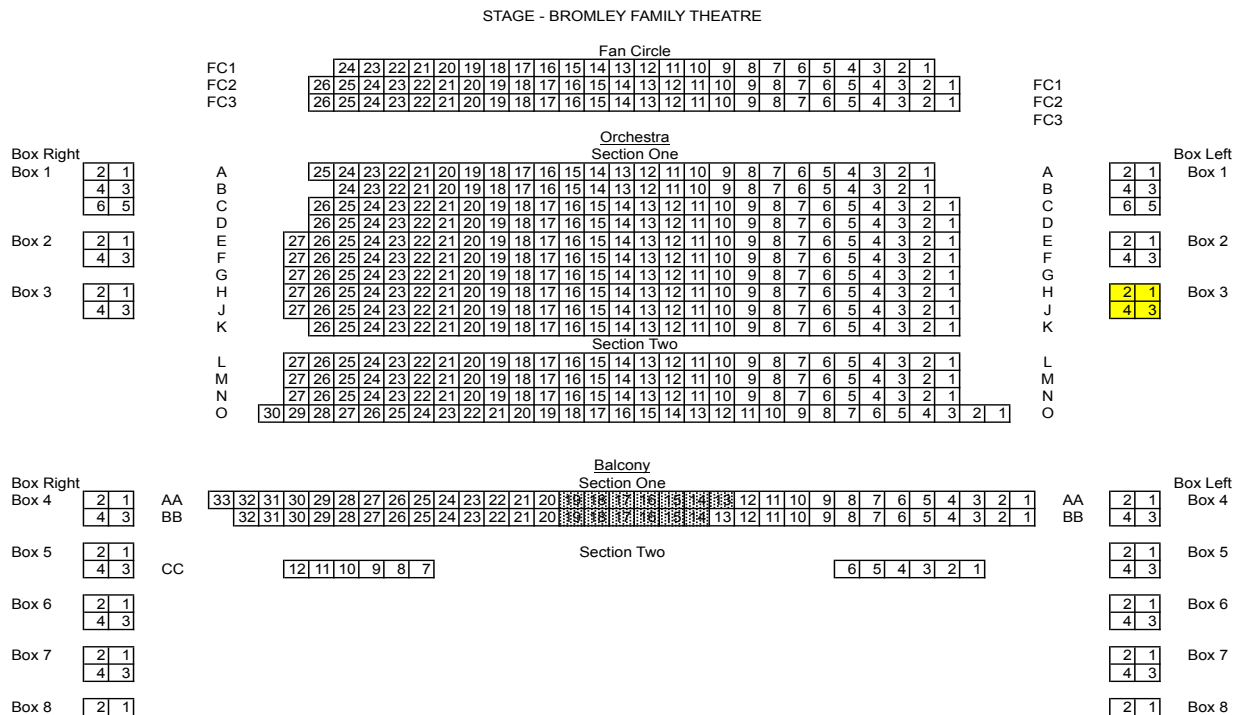
Upper Box Seating: 36

Fan Circle – Can only be used with apron in house position: 76

Fixed Seating Total: 514

Fixed Seating with Fan Circle Total: 590

Depending on the nature of the show, a technical hold may be placed on the Lower Level Box 3 House Right. This area is designated for sound to be run from the house. This position is highlighted in yellow below



## Location, Vehicle Approach, and Access to Blaisdell Hall

Vehicles for an event's load in/out will want to use the Blaisdell Hall Service Lot (Lot 17). The lot has access for full height box trucks, as well as most tractor trailers. Please call in advance if you have a larger truck so we can accommodate your vehicle. To access this lot, enter campus via the Dorothy Lane entrance. The service lot entrance is located off Dorothy Lane near the creek. The loading dock is straight in from the entrance of this lot, circled here in red. Other personal vehicles for tour members may also use this lot to park.



## **Overhead Doors/Load Path**

Load Path: Approx. 100'

The Loading Dock to Blaisdell Hall loads into the scene shop directly backstage of the theater. There is both a personnel and an overhead door for interior dock access. The dock is city van height but can accommodate larger vehicles. A 3' wide ramp is available in-house. The scene shop has another overhead door that leads to a hallway. Directly across the hall from the scene shop is an overhead door which leads directly backstage of Bromley Family Theater.

## **Stage Specifications**

Sprung Pine coated with Rosco Tough Prime Black

Proscenium Opening (adjustable within reason): 50'-0"

Stage Height (at 1st row): 2'-10"

In reference to Plaster Line

Upstage Wall: 38'-0"

Apron Edge: 6'-8"

Apron Extension Edge: 22'-0"

In reference to Proscenium Edge

Stage Left Wing: 15'-0"

Stage Right Wing: 15'-0"

In reference to bottom of position from stage floor

Catwalk Height: 25'-0"

LX Lower Position: 30'-0"

LX Upper Position: 32'-0"

Rigging Points: 36'-0"



## **Soft Goods**

All goods are dead hung and not movable in the space, unless specified.

Main Curtain: Red Velour, traveler with matching header, 1'-4" upstage of PL

Downstage Legs: Black, 6'-0"W, rotatable and tracking, 11'-10" upstage of PL

Midstage Blackout: Black, traveler, 19'-4" upstage of PL

Upstage Legs: Black, 6'-0"W, rotatable and tracking, 27'-4" upstage of PL

Upstage Blackout: Black, traveler, 35'-4" upstage of PL

Cyclorama: White, Leno filled Scrim, 50'-0"W, one-way traveler, 36'-4" US of PL

## **Risers and Lifts**

A set of thirty (30) Wenger StageTek riser decks in varying heights is available for use. Most commonly used in the Studio Theater for seating and staging needs. The set includes steps, railings, chair rail, and more. Contact the Technical Director prior to your event for set up accommodations.

The personnel lift is a Genie AWP-30s which can be used to access areas above the stage out of reach from the catwalks. University personnel must be present for use and are preferred operators of the personnel lift.

## Electrics Specifications

### Dimmers

Architectural Lighting: 24 ETC Sensor D20E Dimmer Modules

Lighting Circuits: 196 ETC Sensor D20AF Dimmer Modules

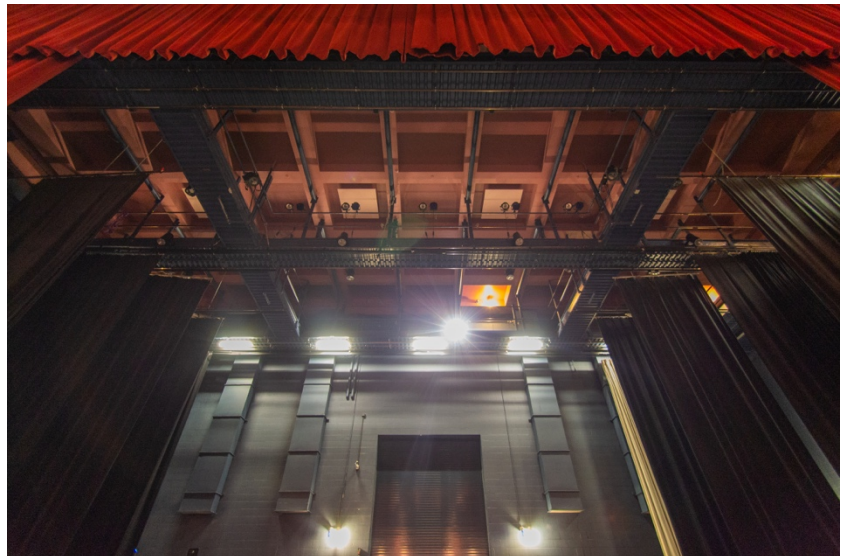
### Control

Main Console: ETC Expression with Emphasis

Backup/Studio Theater Console: ETC Express 48/96 (Standalone)

### Onstage Lighting Positions

The onstage lighting system is a catwalk style system with four-circuit pigtail drops spaced throughout. These lighting positions are fixed. Fixtures can be hung on either side of the catwalk and cable run from any open circuit, effectively creating an "a" position. These positions share circuits with their parent location. Automated lighting will need a rental of chain hoists and truss to properly mount the units.



1LX - 3' from PL: 40 circuits

1a - 7' from PL

2LX - 17' from PL: 32 circuits

2a - 21' from PL

3LX - 33' from PL: 12 circuits

3a - 37' from PL

Upstage Left Onstage: 4 circuits

Upstage Right Onstage: 4 circuits

### **Front of House Lighting Positions**

The FOH lighting system is an open-air catwalk style system.

FOH 1 - 20' from PL: 36 circuits

FOH 2 - 44' from PL: 36 circuits

FOH 3 - 64' from PL: 4 circuits

Balcony Rail - 56' from PL: 16 circuits

HL Box Boom - 24' from PL: 4 circuits

HR Box Boom - 24' from PL: 4 circuits



### **House Repertory Lighting Plot**

The lighting inventory is made mostly of ETC Source 4 conventional fixtures. There is a repertory install of 10 areas of light consisting of a warm (R08) and cool (L201) front wash and a warm (R20) and cool (R65) back wash. The option of different color, specials, and high side light is also possible. Any color or patterns that must be provided by the venue require prior notice to and approval by the Technical Director.

The follow spot position is located center house in the FOH 3 catwalk and has two (2) Lycian Super Arc 400 follow spots.

### **Company Switch Power Disconnects**

Both company switches are located upstage left

400A 3Ø 120V/208V 5W+G with Neutral and Ground turned around

100A 3Ø 120V/208V 4W+G with Neutral and Ground turned around

## **Sound Specifications**

The Bromeley Family Theater main sound system consists of stereo left/right with center cluster and subwoofers. Onstage fills provide additional coverage to the box and front row seating areas. The theater is equipped with a feed that sends audio to speakers backstage in the scene shop, green room, and all three (3) dressing rooms. There is also a separate feed to the lobby.

## **Telecommunications**

Telecommunications include a Production Intercom branded wired intercom system. The typical setup is single channels for Lighting, Sound, Stage Left Deck, Stage Right Deck, and two (2) stations available for Follow Spots. There are drop points for additional intercom throughout the theater space.

Single channel (FOH position) video monitoring of the main stage area can be setup with prior advancement with the Technical Director. This may include rented equipment. There is **no** paging system to the backstage area, including the dressing rooms.

## **Speaker System**

Left: Two (2) JBL AM4212/95

Right: Two (2) JBL AM4212/95

Center: Three (3) JBL AM4212/95

Subwoofer: Two (2) JBL SF12M

Fills: Two (2) Peavy Euro 115

Stage Monitors: Six (6) JBL JRX 100 and Six (6) JBL EON15P-1

## **Processing and Amplification**

Left, Right, and Center Amplification: CTs 600

Subwoofer Amplification: CTs 1200

Onstage Monitors (patchable per use needs): CTs 600

Whole System Processing: Ashley Processing Unit

Additional Processing: 3 GraphiQ EQ/Comp/Delay

## **Control**

Main Console: Midas M32 Live

Backup/Studio/Lobby Console: Behringer X32 Rack, Mackie DL1608 with iPad

## **Playback**

CD Playback: Two (2) Denon DN-C635, rack mounted

Digital Playback: Apple iMac, QLab (full Audio and Video license available), output via Focusrite Scarlett 18i20

## **Video and Projections**

Projector: Barco F90-4K13 11,800 lumen, laser phosphor, EN41 FLD+ Lens

Projector Surface (not movable): Draper Front Projection Screen, 4'-0" DS of PL

Input: Crestron System (also controls screen movement)

Playback: Windows PC, Sony Blu-ray player, and auxiliary HDMI inputs

Lobby Video: Lower Lobby – 55" 4K TV, Upper Lobby – 42" 4K TV, fed from theater. Can be fed from Crestron system, or direct clean feed from live streaming system. Contact Technical Director for more information and setup.

## **Live Streaming and Recording**

Our spaces share a live streaming system that is capable of professional broadcast quality video and audio with simultaneous recording capabilities. Presenter inputs available for cameras, presentations, and video. The equipment can be used in various configurations in any space and includes key features:

Three (3) PTZ Optics PT30X-SDI (1080p30) PTZ cameras with 30x Optical Zoom

Two (2) PTZ Optics PT12X-ZCAM (1080p30) Box Camera with 12x Optical Zoom

PTZ Optics IP Joystick, Sony VISCA over IP controller for system

Blackmagic Design ATEM Television Studio

Blackmagic Design HyperDeck Studio HD (recording or playback)

Blackmagic Design Web Presenter HD (configured for standalone RTMP stream)

Behringer X32 Rack for standalone audio operation

## **Hospitalities and Accommodations**

### **Dressing Rooms**

There is a total of three (3) dressing rooms with attached restrooms and showers available. One (1) chorus style that can accommodate up to twelve (12) adults. One (1) chorus style that can accommodate up to eight (8) adults. One (1) private dressing room that can accommodate up to two (2) adults. The chorus style dressing rooms also have access to their restrooms via the small green space. These are not accessible by the general public, though are available for any crew on call. These can be locked from the inside.

### **Green Areas**

A small green area is typically used for smaller events of fifteen (15) or less. This area is immediately located outside the chorus style dressing rooms. There is a cooler, table, and comfortable seating. Catering and coffee are typically served here.

There is a full-size green room with closable doors available. This space is typically used for larger events, or for those who need extra dressing space. The green room has a sink, counter top space, cupboards, tables and chairs, with small countertop appliances available with advanced request. Please contact the Technical Director in advance for use of green room.

### **Laundry and Wardrobe**

Each dressing room is equipped with a wardrobe rack with extra racks available upon request. Laundering equipment is available, as well as a steamer, iron, and ironing board.

### **Coffee and Catering**

A full range of options from a coffee bar to a full hot meal is available. Vegetarian, Vegan, and other special dietary needs are easily accommodated. Catering must be provided through campus dining services.

### **Guest Internet**

Guest Wi-Fi is available throughout the building for your use to connect to our campus's high-speed internet. Instructions on how to connect will be available on the day of your event's arrival and your credentials will become unavailable immediately upon departure. If you need hard line access for non-wireless devices, please contact the Technical Director in advance.