



# **Weis Center for the Performing Arts**

Bucknell University  
Lewisburg, Pennsylvania

## **Technical Facility Specifications**

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## Contact Information

### **Address:**

Weis Center for the Performing Arts  
Bucknell University  
1 Dent Drive  
Lewisburg, PA 17837

### **Technical Personnel Contacts\*:**

**Assistant Technical Director** .....570-577-1441

Kalen Sowul ..... [kalen.sowul@bucknell.edu](mailto:kalen.sowul@bucknell.edu)

***\*For a complete list of Weis Center staff, please visit:***

<http://www.bucknell.edu/centers-institutes-and-resources/weis-center-for-the-performing-arts/about-the-weis-center/staff.html>

## House Capacity

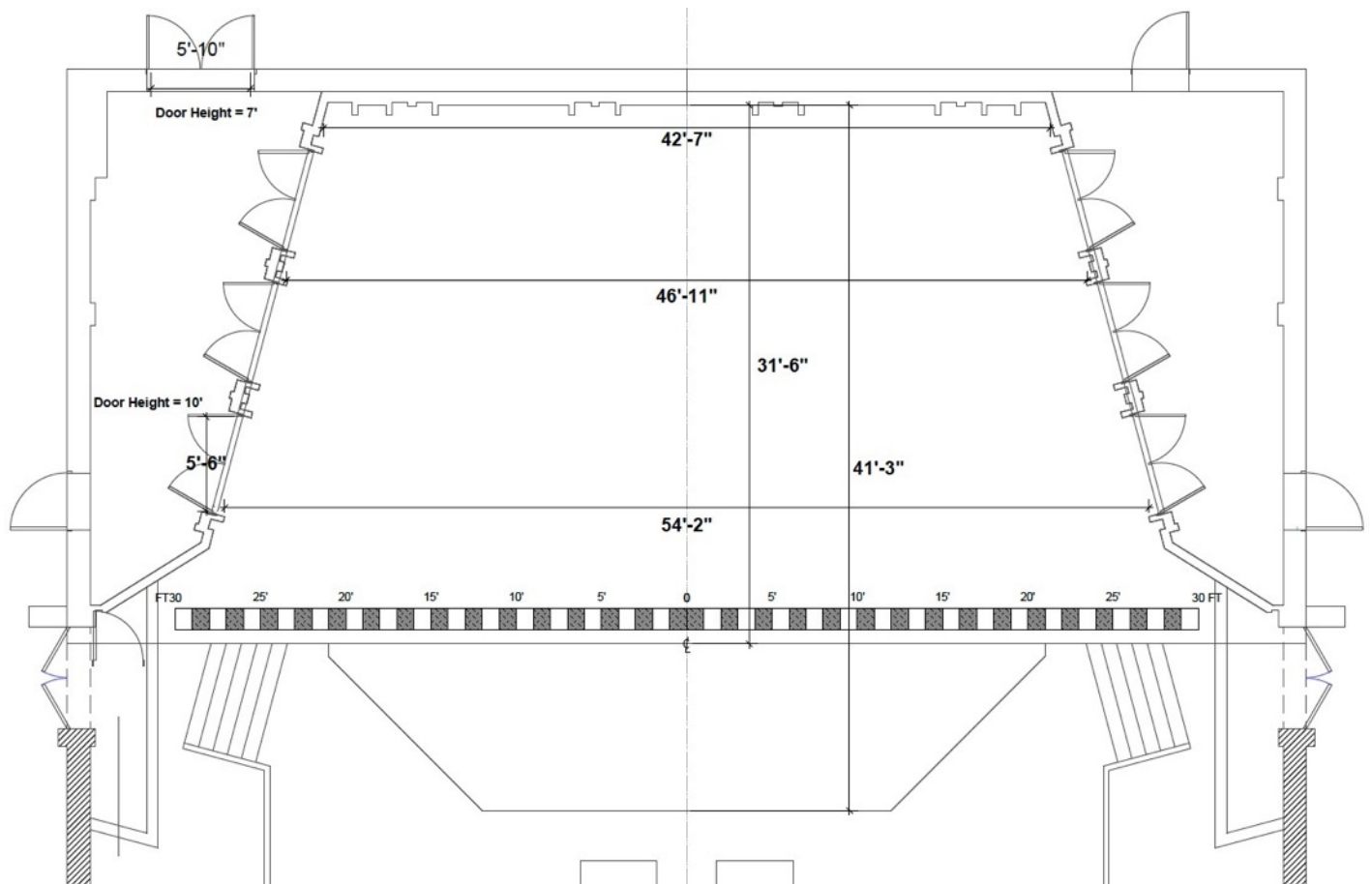
The Weis Center's seating capacity is 1,226.

## Loading Dock

Our single bay loading dock provides stage level access, however all equipment, scenery, etc. must be able to pass through a 6' x 7' doorway. There is ample parking for one tractor trailer, with additional parking available.

# Stage

## Dimensions



## Stage Floor

The stage floor is oiled maple, sprung on a three layer basket weave, constructed and finished to ADG guidelines. Nothing may be attached to the floor in any way and care must be taken in order to avoid damage to the surface.

## Orchestra Pit

The orchestra pit is a fully operational lift. At its widest point, it is 42' long and at its shallowest point is 24' long. The depth of the orchestra pit is 9'9". The lift is primarily used to transport pianos and gear from the equipment room under the stage to stage level.

## Acoustic Shell

The stage is surrounded by a permanent acoustical shell, with three sets of double doors on each side providing access to the wings.

## Rigging

The rigging system consists of 15 variable speed winch driven line shafts controlled by a JR Clancy Altus control system. Three of the lines are dedicated electrics, one is committed for a cyclorama, and seven are committed for masking or clouds, leaving four for company use.

### Linesets

There are a total of fifteen (15) line sets in use on stage. All of the line sets except for three are dedicated to a certain function. The table below shows each line set, their purpose, and distance from the plaster line.

<b>Weis Center for the Performing Arts</b>		
<b>Bucknell University</b>		
<b>Line Set Schedule</b>		
<b>Lineset</b>	<b>Distance</b>	<b>What</b>
LS 1	7'6"	Main Curtain
LS 2	9'11"	1st Electric
LS 3	10'8"	Line Set 3
LS 4	11'11"	Line Set 4
LS 5	14'3"	Downstage Legs & Border
LS 6	16'3"	Downstage Clouds
LS 7	17'10"	2nd Electric
LS 8	20'3"	Screen
LS 9	21'3"	Mid-stage Legs & Border
LS 10	23'1"	Cyc Lights (no connector strip)
LS 11	25'	Upstage Clouds
LS 12	27'4"	Line Set 12
LS 13	28'4"	3rd Electric
LS 14	29'7"	Upstage Legs & Black Traveler
LS 15	30'4"	Cyclorama

## Power

### Company Switch

- 600A Fused disconnect stage right
- Two 50A 3-phase breakers stage right

## **Shore Power**

- Shore power is available outside of the loading dock. Please advance with the Technical Director prior to your arrival should you need shore power.

## **Soft Goods**

1x Downstage black border with legs

1x Mid-stage border with legs

1x Upstage blackout traveler. For amplified or shows with a smaller footprint the traveler can move to the mid-stage border pipe.

1x Upstage cyclorama

1x 20' x 15' Projection screen

## **Main Curtain**

Our main curtain is comprised of three main parts: traveler, legs and swags. All three sections are gliss panne velvet fabric in royal blue. The traveler is in two sections which are 28'-0" tall x 29'-0" wide with 50% fullness via box pleats. The legs are 35'-3" high x 8'-0" wide with 50% fullness via box pleats. The swags are in five separate sections which are various widths depending on the placement of them on the pipe. Below is a picture of the main curtain with all three components installed.

Picture also highlights upstage swags, which can be utilized for a variety of stage looks if needed.





## **Masking**

There are two sets of legs and borders used for masking the stage. The downstage set is on line set 5 and the upstage set is on line set 9. Each leg is 10' wide and can be trimmed down to a width of 5'. The borders are both 10' tall and span the width of the pipe on which they hang.



## **Marley**

The Weis Center has black marley available for use on stage. The marley will cover the entire stage floor from the far US wall down to the Orchestra Pit line.

## **Cyclorama**

The Weis Center has a front lit cyclorama hung on the furthest upstage line set (LS 15). If your event will be using the cyclorama, please notify the Technical Director prior to your arrival.

## **Scrims**

The Weis Center does not have a scrim available in-house.

## **Lighting**

If your event requires the installation of a lighting plot, please have all necessary paperwork submitted at least one month prior to your event. We will do our best to accommodate gel



needs, however we only stock RocsoLux gel. Below is a view from our lighting control position.



### **Control**

- ETC Eos
- ETC Eos RPU
- ETC Ion for remote use
- House lighting is controlled backstage independently from the lighting console

### **Dimmers**

- 192 Strand CD-80 2.4kw dimmers

### **Network**

- 4 City Theatrical Show Baby DMX Transceivers
- 3 ETC 4-Port Gateways
- 1 ETC 2-Port Gateway

### **Circuits**

#### **FOH**

- Projection Booth: .....2 @ 2.4kw
- Beam #1: .....4 @ 2.4kw
- Beam #2: .....24 @ 2.4kw

- SL Box Boom: .....12 @ 2.4kw
- SR Box Boom: .....12 @ 2.4kw
- Below Stage: .....4 @ 2.4kw

### On Stage

- 1<sup>st</sup> Electric: .....24 @ 2.4kw
- 2<sup>nd</sup> Electric: .....24 @ 2.4kw
- 3<sup>rd</sup> Electric: .....30 @ 2.4kw
- SL Box #1 (3'): .....4 @ 2.4kw
- SL Box #2 (3'): .....4 @ 2.4kw
- SL Box #3 (3'): .....4 @ 2.4kw
- SL Box #1 (13'): .....4 @ 2.4kw
- SL Box #2: (13') .....4 @ 2.4kw
- SL Box #3 (13'): .....4 @ 2.4kw
- SL Drop Box.....4 @ 2.4kw
- SR Box #1 (3'): .....4 @ 2.4kw
- SR Box #2 (3'): .....4 @ 2.4kw
- SR Box #3 (3'): .....4 @ 2.4kw
- SR Box #1 (13'): .....4 @ 2.4kw
- SR Box #2 (13'): .....4 @ 2.4kw
- SR Box #3 (13'): .....4 @ 2.4kw
- SR Drop Box .....4 @ 2.4kw

### Lighting Inventory

- 12 Altman 10° Shakespeare with 575W lamp
- 16 Altman 12° Shakespeare with 575W lamp
- 20 Altman 20° Shakespeare with 575W lamp
- 20 Altman 30° Shakespeare with 575W lamp
- 30 Altman 40° Shakespeare with 575W lamp
- 10 Altman 50° Shakespeare with 575W lamp
- 40 Altman StarPAR with 575W lamp
- 12 Strand 10x23 Leko with 1K lamp
- 32 Strand 8" Fresnel with 1K lamp
- 12 Strand Iris 3-cell Far Cyc
- 16 Strand Pallas 3-cell Ground Row
- 2 ETC Source 4 5°
- 18 ETC Source 4 bodies with Ocean Optics Sea Changes, Capability for 26 degree or 36° barrels
- 16 ETC Desire D60 Lustr+ fixtures (Available Lenses: VNFL, NFL, MFL, Narrow Oval, Medium Oval)
- 12 ETC Selador Paletta 11" fixtures

### Lighting Accessories

- Assortment of RoscoLux gel

- Gobo Holders
- 10" Barn Doors
- 2 GAM FilmFX Twin Spins

## **Booms**

The Weis Center has 8 booms available for use on shows requiring heavy side lighting. These booms are placed in each doorway and on the far DSL/DSR side of the stage floor. These booms are 10 feet in height, which is not adjustable.

## **Follow Spots**

The Weis Center does not have follow spots available in-house.

## **Audio**

Pictured below is a view from our audio mixing position:



## **Consoles**

2x Yamaha PM5D: 1 located FOH and one spare for monitors: Both boards use Cobranet I/O cards allowing for 32 in and 16 out

## **Snake**

Whirlwind E-Snake over Cobranet allowing for dedicated 32 in 16 out: A split XLR 32 input snake for MONS & FOH

## **House PA**

JBL audio speaker system in LCR configuration with flown Subs

## **Signal Processing**

London Blue in house audio signal processing

## **Monitors**

Shure PSM600 in-ear wireless transmitters with P6R-HA receivers

6x EV T221M stage monitors

2x QSC KW122 powered stage monitors

## **Microphones and Accessories**

Contact for details

## **Backline**

### **Amps**

1x Fender 65 twin reissue reverb

1x Fender 65 twin reissue deluxe reverb

1x Fender stage 1000

1x Alesis Sumo 300

1x Ampeg BA115

1x Gallein Krueger MBS 150s

## ***Instruments***

1x Roland RD700NX

Mapex Pro Kit

10x10 rack 1

12x10 rack 2

14x14 floor

20x16 Kick

14x6 snare

Hardware

Zilgian Cymbals

LP Classic 3 piece Conga set.

## ***Headphone Assistance***

A headphone system of assistance for individuals who are deaf or hard of hearing is available upon request. The headphone system is a type of wireless transmitter which helps the individual better understand speech and sound in situations where it might be difficult. To reserve a headphone, patrons are asked to call 570-577-3720 at least 2 days prior to the performance.

## ***Intercom***

The Weis Center has a dedicated hard-wired and wireless ClearCom system in use. The wired portion of the system has receptacles located at key points throughout the theatre including the following positions:

- Audio Console
- Lighting Console
- Projection Room
- Stage Left
- Stage Right

There are also four (4) wireless TR-800 belt packs available for use. These belt packs are able to broadcast to the backstage areas by using the Stage Announce (SA) button located on the face of the belt pack.

## Video

### Screen

1x 20/15 projection screen which can be set to variable heights on line set.

### Projector

The Weis Center's projector is an Eiki LC-XT5. It is rated at 15,000 lumens and has a native resolution of 1024 x 768. This projector is housed in the projection room located at the back of house position, which is on the main level of the theatre. Other relevant technical information is listed below.

<b>Display Technology</b>	3LCD
<b>Brightness (ANSI)</b>	15,000 lumens
<b>Native Resolution</b>	XGA (1024x768)
<b>Max. Computer Input</b>	UXGA
<b>Max. Video Input</b>	1080p
<b>Contrast Ratio</b>	2000:1
<b>Panel Size</b>	1.8" (inorganic)
<b>Lens Type (Throw:Width)</b>	Supplied without lens
<b>Power Lens Shift</b>	U/D 50%; L/R 10%
<b>Keystone Correction</b>	U/D 40°; L/R 20°
<b>Inputs</b>	Dsub15 x 1; DVI-D (w/ HDCP) x 1; BNC x 5; S-Video x 1; Empty module bay x 2; (requires 240 V/60 Hz power)
<b>Outputs</b>	---
<b>Lamp Life</b>	Up to 3,000 hours per lamp
<b>Lamp Part #</b>	610 334 6267 (4)
<b>Maximum Pitch</b>	± 10° U/D
<b>Weight</b>	80.5 lb (36.5 kg)
<b>Ceiling Mount Part #</b>	0173-4222



## **Playback**

The Weis Center has a dedicated computer housed in the projection room for use with the projector. There is also a Sanyo DWM-370 DVD player available for use in the projection room. Various connectors and cables are available should you need to adapt inputs/outputs on your device for use with our projector. Please advance with the Technical Director if you are using your own playback device.

## **Miscellaneous Equipment**

### **Platforms**

The Weis Center has twelve 4' x 8' platforms in its inventory. Each platform needs 4 legs to elevate them to the desired size. The leg quantities and heights are listed below.

- 48 – 8" legs
- 16 – 12" legs
- 48 – 16" legs
- 24 – 24" legs
- 20 – 48" legs
- 7 – short braces
- 8 – long braces
- 2 – 4' chair stops
- 8 – 8' chair stops
- 8 – 2 leg connectors
- 4 – 4 leg connectors

## **Pianos**

The Weis Center has 4 Steinway Grand Pianos

- 1908 Steinway & Sons Model D
- 1920 Steinway & Sons Model A (Lobby Only)



- 1988 Steinway & Sons Model D
- Year Unknown Steinway & Sons Model B (7')

## **Hospitality**

### ***Green Room***

The Weis Center's Green Room is located backstage on the stage left side of the building. The Green Room has a small kitchenette with supplies, an upright piano, phone access, and comfortable seating. Please let the Assistant Director of Operations know if you are planning to utilize the Green Room.

### ***Dressing Rooms***

Two private dressing rooms with showers and toilets are available, one of which is fully accessible. Two 14 person community dressing rooms, with showers and restrooms are also available.

### ***Instrumental Rehearsal Room***

In the backstage area upstage of the crossover hallway is a large ensemble room. This room is primarily used for academic music department rehearsals.

### ***Choir Rehearsal Room***

In the basement area underneath of the Instrumental Rehearsal Room is a large choir ensemble room. This room is primarily used for academic music department choir rehearsals.