



# 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\*:

Technical Director Kalen Sowul	570-577-1441 (o)      570-217-4356 (c) <a href="mailto:kalen.sowul@bucknell.edu">kalen.sowul@bucknell.edu</a>
Artist Liaison and Special Projects Manager Rachel Martine	570-577-3925 (o)      570-939-7052 (c) <a href="mailto:rachel.martine@bucknell.edu">rachel.martine@bucknell.edu</a>
Operations Director Johanna Kodlick	570-577-3720 (o)      570-238-0659 (c) <a href="mailto:johanna.kodlick@bucknell.edu">johanna.kodlick@bucknell.edu</a>

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

<https://www.bucknell.edu/life-bucknell/arts-performances/weis-center-performing-arts/about-weis-center/our-staff>

## House Capacity

The Weis Center's seating capacity is 1,150.      726 – Orchestra Level    424 - Balcony

## 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.







## 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 eight are committed for masking or clouds, leaving three for company use. Please note that the center does not have a full fly space.

### 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 and not available for use. The table below shows each line set, their purpose, and distance from the plaster line.

### Lineset Schedule

Lineset	Distance	Length	Description
LS 1	7'6"	49'-3"	Main Curtain
LS 2	9'11"	45'-3"	1st Electric
LS 3	10'8"	45'-2"	Line Set 3
LS 4	11'11"	45'-4"	Line Set 4
LS 5	14'3"		Legs/Border DS
LS 6	16'3"		Clouds DS <small>(permanently hung)</small>
LS 7	17'10"	41'-0"	2nd Electric
LS 8	20'3"		Screen
LS 9	21'3"		Legs/Border US
LS 10	23'1"	41'-3"	Cyc Lights <small>(no connector strip)</small>
LS 11	25'		Clouds US <small>(permanently hung)</small>
LS 12	27'4"		Line Set 12
LS 13	28'4"	39'-7"	3rd Electric
LS 14	29'7"		Black Traveler
LS 15	30'4"	39'-6"	Cyc

## Power

### *Company Switch*

- 200A Fused disconnect stage right
- House power distro fed from above 200A disconnect. Pass through available.

### *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

1 - Downstage black border with legs

1 - Mid-stage border with legs

1 - Upstage blackout traveler.

(For amplified or shows with a smaller footprint the traveler can move to the mid-stage border pipe.)

1 - Upstage cyclorama

1 - Black Scrim

### 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.



### 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 is cut to fit 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.

### *Scrim*

The Weis Center has one black and one white scrim (33'11"H x 39'6"W) 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. The venue stocks a full selection of RocsoLux gel with a limited selection of Lee and GAM.



### Control

- 2 - ETC @5 Gio (Primary/Backup configuration)
- 1 - Eos Motorized Fader Wing 20

### Dimmers

- 192 Strand CD-80 2.4kw dimmers

### Network

- 6 City Theatrical Show Baby DMX Transceivers
- 3 ETC 4-Port Gateways
- 1 ETC 2-Port Gateway
- 1 ETC Show Control 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 575W lamp
- 16 Altman 12° Shakespeare 575W lamp
- 20 Altman 20° Shakespeare 575W lamp
- 20 Altman 30° Shakespeare 575W lamp
- 30 Altman 40° Shakespeare 575W lamp
- 10 Altman 50° Shakespeare 575W lamp
- 40 Altman StarPAR 575W lamp
- 32 Strand 8" Fresnel 1K lamp
- 12 Strand Iris 3-cell Far Cyc
- 16 Strand Pallas 3-cell Ground Row
- 2 ETC Source 4 5°
- 14 Chauvet Rogue 3
- 6 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)

### *Lighting Accessories*

- Assortment of RoscoLux gel
- Gobo Holders
- 10" Barn Doors
- 2 GAM FilmFX Twin Spins
- 6 Irises
- Limited selection of templates
- Side arms

### *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, using 2" pipe.

### *Follow Spots*

The Weis Center does not have follow spots available.



## Audio

Pictured below is a view from our audio mixing position:



### *FOH Console*

Yamaha Rivage PM7 with 48 channels via Rio 3224-D and Rio 1608D2 i/o boxes in stage left wing.

### *Monitor Console*

Behringer X32 with analog split stage left.

### *House PA*

EAW QX series in a Left + Right configuration with center flown subwoofers and VFR89i front fills. Amplification and processing by Powersoft Quattrocanali Amplifiers with built-in DSP. 12 channels of 1200 watts equalling 14,400 watts total output power.

### *Monitors*

8 - JBL STX 812 wedges / 8 Channels of QSC PLD scalable output amplifiers  
6 - EV T221M stage monitors / 6 Channels of QSC 1.8 Powerlight amplifiers.



### *Hearing 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 2 channel ClearCom system. 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-80N 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.

## Backline

### Guitar Amps

Fender 65 Twin Reverb Reissue  
 Fender Deluxe Reverb  
 Fender Blues DeVille Reissue  
 Fender Hot Rod Deluxe III  
 Fender Stage 1600

### Bass Amps

Ampeg BA115  
 Ampeg SVT-CL Heritage  
 Ampeg Heritage 4x10 Cab  
 Gallein Krueger MBS 150

### Instruments

#### Drums

#### Yamaha Live Custom:

18" x 22" Bass  
 15" x 16" Floor Tom  
 7" x 10" Tom  
 8" x 12" Tom  
 6" x 14" Snare

#### Gretsch Renown RN2:

16" x 20" Bass  
 14" x 14" Floor Tom  
 7" x 10" Tom  
 8" x 12" Tom  
 5" x 14" Snare

#### Mapex ProM:

15" x 20" Bass  
 14" x 14" Floor Tom  
 8" x 10" Tom  
 9" x 12" Tom  
 5" x 14" Snare

Weis Center Microphone Inventory		
Make	Model	Quantity
AKG	C414	4
AKG	C535 EB	4
AKG	D112	1
AKG	SE300B	2
AKG	SE391B	2
Audio Technica	AT4040	2
Audio Technica	Pro35	6
AUDIX	D3	4
AUDIX	TM 1	1
EV	RE20	2
EV	PL10	1
Neumann	KMS 104	1
Neumann	KM 143	2
Neumann	TLM 170	2
Shure	Beta 52	1
Shure	Beta 57A	2
Shure	Beta 58A	4
Shure	Beta 87A	2
Shure	Beta 91	1
Shure	Beta 98	4
Shure	SM57	13
Shure	SM58	14
Shure	SM81	4
Shure	SM 58 Wireless	4
Shure	SM 86 Wireless	6
Shure	WL50B	6
Sennheiser	MD421	4
Sennheiser	MD431	1
Sennheiser	e609	2
Sennheiser	e604	3

### **Drum Hardware**

DW 5000 series cymbal and snare stands

DW 5000 series kick drum pedal

### **Keyboard**

Roland RD-700NX

### **Acoustic 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')

### **Congas**

LP Classic Congas:

Quinto: 11 inch head

Conga: 11.75 inch head

Tumba: 12.5 inch head

## Video

### Screen

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

### Projector

The Weis Center's projector is a Panasonic PT-DZ21K2. It is a DLP projector rated at 20,000 lumens. The projector is housed in the projection room located at the back of house position, which is on the main level of the theatre.

### Playback

The Weis Center has a dedicated connection to the projector at the from the stage left wing and at the back of house console position for use with the projector. Please advance with the Technical Director if you are using your own playback device in order to ensure the necessary adaptors are available.

## Miscellaneous Equipment

### Platforms

The Weis Center has twelve 4' x 8' platforms and a limited quantity of wedge pieces in its inventory. Each platform requires 4 legs to reach the desired height. The leg quantities and heights are listed below.

8" - 32 legs  
12" - 20 legs  
16" - 48 legs  
24" - 48 legs  
48" - 40 legs

#### *2.5" OD Legs for wedges*

8" - 16 legs  
16" - 16 legs

2 - 4' chair stops  
8 - 8' chair stops

## 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, wi-fi, and comfortable seating.

### *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.

### *Laundry*

Laundry facilities are located on the same floor as the dressing rooms and contain a single washer and dryer, industrial clothing steamer, irons and ironing boards. Four z-racks and hangers are also available.