

The Stockbridge Theatre

At

Pinkerton Academy

Technical Information

Version: 2019

Facility Contact Information

Physical Address: 44 North Main Street
Derry, NH 03038

Shipping Address: 5 Pinkerton St
Derry, NH 03038

Location: Stockbridge Theatre at Pinkerton Academy

Phone: 603.437.5210

Personnel

Director of Cultural Programming: Matthew Cahoon
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Asst. Director of Cultural Programming: Darcie Champagne
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Technical Director: Dana Beaulieu
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Stage

| | |
|-----------------|---|
| Proscenium | 20'H x 40'W x 31'6" to back wall |
| Backstage Width | 104' |
| Wing Size | SL – 32'W x 31'6"D SR – 32'W x 31'6"D |
| Orchestra Pit | 7'6"H x 48'W x 17'D |
| Apron | 57'W x 12'D (Apron also serves as removable pit cover) |
| Height to Grid | 36' |
| Floor | Stage – Stage Laminate (Flat Black) Apron – Oak Hardwood (Medium Oak finish) |
| Crossover | Hallway behind stage, open at all times |
| Access to House | Stairway and Ramp off of apron on Stage Left and Stage Right |

Backstage Facilities

Orchestra Pit

Access: SR – Stairwell from wing
SL – Elevator in House Right Vom. (Cannot be used for moving equipment)
Other – Stairway directly to band room to the right of the theater

Pit cover removal is a labor intensive process which requires notification of facility staff at least 30 days prior to event.

Loading Dock

Location: In Scene Shop behind stage
Access: Overhead door, Straight shot to stage
Dock Height: 4'
Door Height: 14'

Dressing Rooms

2 Large Dressing Rooms, can accommodate approx. 20 each
Location: Hallway Behind Stage
Facilities: Bathrooms, Access to Laundry, Iron, and Steamer, No Showers
Monitoring: Equipped with TV monitor with audio feed, no communications

Green Room

1 Room, can accommodate small groups, approx. 10 people
Location: Hallway Behind Stage
Facilities: Bathroom with Shower, Sink, Refrigerator
Monitoring: Equipped with TV monitor with audio feed, no communications

Black Box Theatre

Large room that can accommodate approx. 100 people.

Can be used as a rehearsal, reception, or performance space.

Location: Hallway Behind Stage

Equipment: Full A/V presentation with computer and DVD player

Lighting: 16 circuits shared with Main Stage

Chorus Classroom

Large Classroom that can accommodate groups up to 50

Can be used as a rehearsal space, or meeting space

Location: Hallway to Right of Stage

Limitations: If used as dressing room, should be noted that there are exterior windows that should be covered.

Equipment: Grand Piano

Practice Rooms

Small rooms adjacent to Chorus classroom that can accommodate approx.. 5 people

Can be used as office space, small group meeting space, or practice space

Location: Adjacent to Chorus Classroom

Equipment: Some rooms are equipped with pianos

Truck & Bus Parking

Limited parking is available for up to 5 trucks or busses

Note: Use of classrooms and Black Box MUST be approved by Facility Staff. Use requires 30 day advance notice. Use of any equipment in rooms requires separate approval from the Facility Staff.

Rigging

| | |
|-----------------------|---|
| Number of Line Sets: | 29 |
| Location of Fly Rail: | Stage Right at Stage Level |
| Loading Location: | Stage Level or at grid |
| Safe Working Load: | 1000 lbs dead weight. |
| Live Loads: | If show has live loads, there are anchor points available. Client is responsible for providing approved trust and hoist system for any Live Loads. Live load systems MUST be inspected by Facility Technical Director prior to use. |
| Length of Battens: | 50' |
| Access: | Fly rail is at stage level in SR wing. Grid can be accessed via stairwell. |

Soft Goods

| | |
|-------------------|---|
| Main Curtain: | Red traveler (dead hung) |
| Main Border: | Red Border/Valance (hung on Batten 1) |
| Legs: | 4 x Black Legs (hung on Battens 3, 7, 16, and 26) |
| Traveler Curtain: | 2 x Traveler Curtains (hung on Battens 12 and 23) Can be used as legs 3 and 5, or can function as FS black |
| Borders: | 4 x Black Borders (hung on Battens 6, 11, 15, and 20) |
| Cyclorama: | Natural Muslin, Seamless (hung on Batten 28) |
| Scrim: | Full size Black scrim available to hang on any empty batten |

Misc. Technical

| | |
|-----------------|--|
| Company Switch: | Downstage Left |
| Service: | 1 – 200 amp 3Ø cam lock panel |
| Shore Power: | No Shore Power |
| House Lights: | 10 circuit Unison Dimmer Rack Controlled from various panels throughout house and stage areas, or through DMX Control (dimmers 193-201) |
| Spotlights: | 2 – Lycian Midget HP Location: Outside of Tech booth on Left and Right sides Distance to Plaster Line: 89' |
| Communications: | Clear-com Two-channel headset system All plugs are single channel. Can be accessed throughout space |

Lineset Schedule

| Set # | Distance US Of Plaster Line | Description |
|-----------------|--------------------------------|-------------------------------------|
| 1 | 1' 0" | Main Valance |
| MR* | 2' 0" | Main Rag |
| 2 ⁺ | 3' 0" | 1 st Electric (Winch #1) |
| 3 | 4' 0" | Legs 1 |
| 4 | 5' 0" | Batten |
| 5 [@] | 6' 0" | Orchestra Cloud 1 |
| 6 | 7' 0" | 1 st Border |
| 7 | 8' 0" | Legs 2 |
| 8 ⁺ | 9' 0" | 2 nd Electric (Winch #2) |
| 9 | 10' 0" | Batten |
| 10 | 11' 0" | Batten |
| 11 | 12' 0" | 2 nd Border |
| 12 [@] | 13' 0" | Midstage Traveler |
| 13 ⁺ | 14' 0" | 3 rd Electric (Winch #3) |
| 14 [@] | 16' 0" | Orchestra Cloud 2 |
| 15 | 17' 0" | 3 rd Border |
| 16 | 18' 0" | Legs |
| 17 | 19' 0" | 4 th Electric |
| 18 | 20' 0" | Batten |
| 19 | 21' 0" | Batten |
| 20 | 22' 0" | 4th Border |
| 21 | 23' 0" | Batten |
| 22 | 24' 0" | Batten |
| 23 [@] | 25' 0" | Upstage Traveler |
| 24 [@] | 26' 0" | 5 th Electric |
| 25 | 27' 0" | Batten |
| 26 | 28' 0" | Legs |
| 27 | 29' 0" | Batten |
| 28 | 30' 0" | Cyclorama |
| 29 | 31' 0" | Batten |

* Main Rag is dead hung and cannot be moved

+ 1st, 2nd, and 3rd Electrics are operated on Mechanical Winches controlled from SR wing.

Cannot be moved

@ Orchestra Clouds, Travelers, and 5th Electric cannot be moved

Lighting

ETC Theatrical Lighting Control System

182 Circuits Available (16 are shared between Theater and Black Box Space)

ETC Sensor Dimmer Rack – 96 x 2.4kW dimmers

ETC Ion Theatrical Lighting Console

ETC RFR Radio Focus Remote

2 x Fader Wings (40 faders each)

2 x DMX universes

Intelligent Fixture Control

USB backup

Can import ASCII files from other ETC consoles

1 Standard Color Monitor

1 Touch Screen Monitor

All Connectors are Bates Stagepin

1st FOH Catwalk: 30 circuits on Fixed Connector Strip

2nd FOH Catwalk: 30 circuits on Fixed Connector Strip

SL Box Boom: 6 circuits on Fixed Connector Strip

SR Box Boom: 6 circuits on Fixed Connector Strip

1st Electric: 28 circuit on Fixed Connector Strip

1st Orchestra Cloud: 5 circuit Drop Box SR, can be moved

2nd Electric: 20 circuits on Fixed Connector Strip

3rd Electric: 20 circuits on Fixed Connector Strip

4th Electric: 2 x 5 circuit Drop Boxes (1 x SL, 1 x SR), can be moved

5th Electric: 10 circuits on Fixed Connector Strip

Floor Circuits: 4 x 6 circuit wall plugs. Circuits are mirrored upstage and downstage

A Total of 12 circuits available, 6 x SL, 6 x SR

Additional: 1 additional 5 circuit drop box is available if needed

Black Box: 16 circuits on plug boxes evenly spaced throughout lighting grid

Available Fixtures :

22 - ETC Source 4 19° Ellipsoidals
18 - ETC Source 4 26° Ellipsoidals
35 - ETC Source 4 36° Ellipsoidals
12 - ETC Source 4 50° Ellipsoidals
50 - ETC Source 4 Par
27 - ETC Source 4 Parnel
5 – Altman 3-unit cyclorama Light
3 – Altman 1-unit cyclorama Light
4 – 4 circuit Ground Row Light

20- Martin Rush Par 2 RGBW Zoom LED Pars
6 – 10' Boom Pipes with bases
Assortment of Barndoors, Tophats, Floor Bases, Two-fers

DMX Control system

DMX Output to Dimmer Rack from Tech Booth
DMX Output to Various Locations from Tech Booth

- Stage Left
- Stage Right
- 1st Catwalk
- 2nd Catwalk
- SL Box Boom
- SR Box Boom

DMX Input from Various Locations in Tech Booth

- Stage Right
- Center House
- Black Box

DMX can be patched from any of the inputs to any outputs in Tech Booth

If multiple outputs are needed on the same universe, an opto splitter must be provided. There is not one at the facility.

Limited quantities and lengths of DMX are available. For extensive intelligent and LED light setup, DMX cable should be provided.

Rep Plot Fixture Assignments

| | S4 19 | S4 26 | S4 36 | S4 50 | S4 Par | Rush Par 2 | Cyc | Circuits Available |
|----------------|-------|-------|-------|-------|--------|---------------|-----|-----------------------|
| 2E FOH | 12 | 4 | | | | | | 30 |
| 1E FOH | 10 | 5 | | | | | | 30 |
| SL Box Boom | | 2 | 2 | | 1 | | | 6 |
| SR Box Boom | | 2 | 2 | | 1 | | | 6 |
| 1E | | | 5 | 4 | | 4 | | 28 |
| 2E | | | 5 | 2 | | 4 | | 20 |
| 3E | | | 5 | 2 | | 4 | | 20 |
| 4E | | | 3 | 4 | | 4 | | 10 ¹ |
| 5E | | | | | | | 5 | 10 |

1 – 4E Circuits are located on 2 x 5 unit Movable Circuit Boxes. These circuit boxes must remain on 4th Electric to maintain Standard Rep Plot.

Any modifications to lighting plot must be submitted at least 30 days prior to event.

Sound

FOH Console: Yamaha LS9-32 Digital Mixing Console with onboard Effects and EQ

FOH Speakers: EAW KF730 Line Array with Flown Subs for Left and Right
EAW JF80 speakers mounted on downstage rail for Front Fills
FOH Speakers are powered on Crown Xti series amplifiers which can be monitored and controlled remotely via Theater's tablet computer.

Distance to Plaster Line from Center of House: 42'

Distance to Plaster Line from Tech Booth: 89'

Monitors: 2 x FBT Maxx 2a Powered Monitors Permanently mounted as Side Fills SR & SL
4 x FBT Maxx 2a Powered Monitors

Snake: 44 input x 8 return XLR snake
Isolated Outputs: 2 x Monitor Split SL
Monitor Split SR
FOH Split at Center of House
FOH Split in Tech Booth
1 W4 whip which can be connected at Center of House or Booth

CD Player: Numark CD-X1500 Dual CD Player

Microphones: 2 x Shure ULX Diversity Wireless w/ SM-58 Handheld
2 x Shure LX Diversity Wireless w/ Beta 58A Handheld and Lavalier
2 x Shure LX Diversity Wireless w/ Lavalier
Assorted Microphone Inventory including:

- Shure SM-57
- Shure SM-58
- Shure SM-81
- Shure SM-94
- Shure Beta 52A
- Shure Beta 56A
- Shure Beta 57A
- Shure Beta 58A
- Shure Beta 87A
- Crown PCC160
- Electro-Voice RE90H
- Mono and Stereo Direct Boxes

The following equipment may be rented for an additional cost.

Avid SC48 Digital Mixing Console with onboard Effects and EQ.

7 x EAW Microwedge Monitors

EAW Microwedge Drum Subwoofer

Use of the equipment must be requested at least 30 days prior to event.

Media

SANYO Projector Mounted on Elevator in Center of House, comes down from ceiling

Can project to: Adjustable Projector Screen (at Plaster Line) controlled from Tech Booth
Cyclorama at back of stage

Oppo Blu Ray/DVD player

Audio/Visual Inputs for Computer on stage and in Tech Booth

Piano

Yamaha C6 7' grand piano

Various electronic pianos

Piano can be tuned prior to event. Tuning will be paid for by client.

Use of any pianos requires 30 days advance notice and approval from Arts Facility Director and
Art Department Head.