

The Stockbridge Theater

At

Pinkerton Academy

Technical Information

Prepared by: Peter Zamachaj

Version: 2014.1 (January 2014)

Facility Contact Information

Address: 5 Pinkerton St
Derry, NH 03038

Location: Spaulding Humanities Center at Pinkerton Academy

Phone: 603.437.5210

Fax: 603.432.5328

Personnel

Arts Facility Director: Matthew Cahoon
603.437.5200 x5112
mcahoon@pinkertonacademy.org

Technical Director: Peter Zamachaj
603.437.5200 x5124
pzamachaj@pinkertonacademy.org

Box Office Manager: Maureen Beaudoin
603.437.5200 x5122
mbeaudoin@pinkertonacademy.org

House Manager: Brian Haddad
bhaddad@pinkertonacademy.org

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 (also for moving instruments) in House Right Hallway
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 Space

Large room that can accommodate approx. 25

Can be used as a rehearsal space or reception 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 facilities outside of Theater Stage (including all rooms listed above) MUST be approved by Facility Staff (including Arts Facility Director and Art Department Head) prior to use. Use requires 30 day advance notice. Use of any equipment in rooms requires separate approval from the same 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: Battens are not safe for live loads (moving or flying objects or people)
If show has live loads, there are anchor points available.
Any live load systems MUST be checked by a certified rigger 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 (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 21)
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 – 400 amp 3Ø
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)

Aisle Safety Lights controlled through DMX (MUST REMAIN ON)

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"	Scan 1
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"	Scan 2
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"	Batten
21	23' 0"	4 th Border
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

Connected to network for control via iRFR or aRFR mobile applications

2 x Fader Wings (40 faders each)

2 x DMX universe

Intelligent Fixture Control

USB backup

Can import ASCII files from other ETC consoles

2 x Color Monitors

All Connectors are Bates Stagepin

1 st FOH Catwalk:	30 circuits on Fixed Connector Strip
2 nd 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
1 st Electric:	28 circuit on Fixed Connector Strip
1 st Orchestra Cloud:	5 circuit Drop Box SR, can be moved
2 nd Electric:	20 circuits on Fixed Connector Strip
3 rd Electric:	20 circuits on Fixed Connector Strip
4 th Electric:	2 x 5 circuit Drop Boxes (1 x SL, 1 x SR), can be moved
5 th 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

22 - ETC Source 4 19° Ellipsoidals

18 - ETC Source 4 26° Ellipsoidals

35 - ETC Source 4 36° Ellipsoidals

10 - 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

6 – Clay Paky Golden Scan Intelligent Fixture (must provide 200A 3ø Distro with L6-20 plugs)

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	Golden Scan	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	12	3		28
2E			5	2	12	2		20
3E			5	2	12			20
4E			3	2	12			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

32 x XLR-F input

16 x XLR-M output

8 x ¼" TRS inputs (with MY8-AD24 card)

8 x XLR-F inputs via Yamaha MLA8 Microphone Pre-amp

FOH Speakers: EAW KF730 Line Array with 6 3-way modules plus subs for Left and Right

3 x 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

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
4 x JBL Eon Power15 Powered Monitors

Snake: 44 input x 8 return XLR snake
Isolated W4 Outputs: Monitor Split SR
FOH Split at Center of House
FOH Split in Tech Booth
1 W4 whip to be connected at FOH 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
3 x Shure SM-58 Handheld Microphone
4 x Shure SM-57 Instrument Microphone
3 x Crown PCC 160 Boundary Microphone
4 x Electro-Voice RE90H Hanging Microphone
5 x Shure SM-94 Condenser Microphone
2 x AKG C300B Condenser Microphone
3 x Whirlwind DI Box

Phonic Ear Hearing Assistance System

Media

SAYNO 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

Samsung DVD Player

Hookups for Computer on stage and in Tech Booth

Piano

Yamaha C6 7' grand piano

Various electronic pianos

Piano can be tuned prior to event.

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