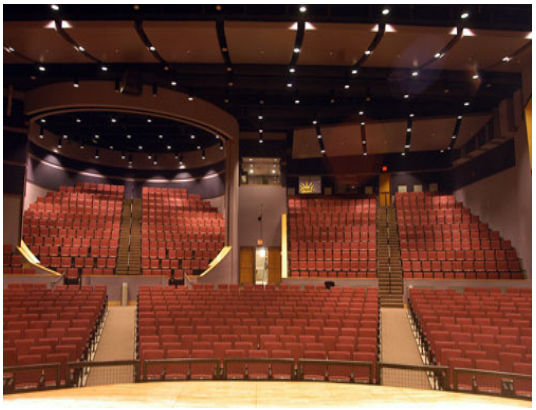


The Timberlane Performing Arts Center, completed in November 2002, plays host to one of the largest and most acoustically effective theaters in the Southern New Hampshire and Northern Massachusetts area. Complete with professional level sound, lighting, rigging and communications, the Performing Arts Center has becomes one of the premier venues in the area. The facility has proven itself well-equipped for large music concerts, solo and chamber recitals, dance productions, musical theater presentations, and large conferences. The Performing Arts Center also features a smaller recital hall perfect for more intimate drama/comedy performances, meetings, and presentations.

Overview

- 938 seat auditorium
- 240 seat turn-table which revolves for additional auditorium seating or forms a smaller recital hall
- 40 Channel Midas M32 Mixing Console
- ETC Express 48/96 Lighting Console
- EAW speaker system powered by Crest Amplifiers
- 10 manually operated single purchase line-sets with counterweights
- Assorted soft goods (mains, travelers, legs, borders, cyclorama sky drop, projection screen)
- Additional classrooms and green rooms available upon request



Technology Coordinator Contact:

Anthony DiBartolomeo, III
Performing Arts Center Technical Director
(603) 382-6541 x3732
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Main Theater Specifications

Stage Dimensions - (see diagram on page 3)

Proscenium Width:	39′ 8″
Proscenium Height:	19′6″
Stage Depth:	25′ 6″ – Plaster line to upstage wall
	24′ – Curtain line to upstage wall
	26′ 10″ – Edge of orchestra pit to upstage wall 12′
Apron Depth:	10″ - Apron at seat level when pit not open (Raised upon request with labor costs)
Center line to SR	31′ – To locking/loading rail
Center line to SL	42′ – To loading doors
Stage Width: Stage	36′ 0″ – Between curtains at trim
Height:	2′ 6″ – To first row of house

Rigging:

10 manually operated single purchase line-sets, No Grid

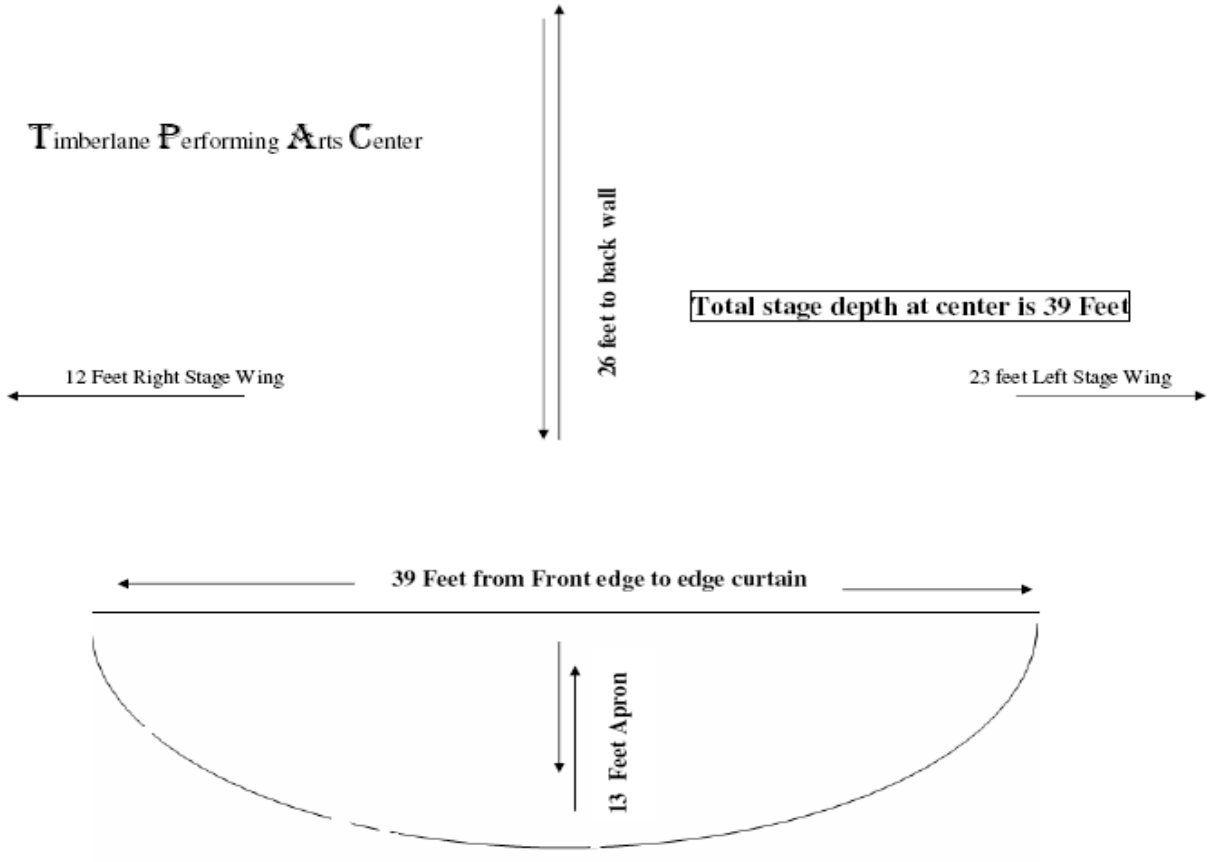
Batten Length:	52′
Batten Diameter:	1.5″
Lift line per batten:	5
Maximum Trim Height:	31′ 0″
Minimum Trim Height:	3′ 10″

Weights: 22 lbs and 43 lbs
Capacity per Line-Set: 1,303 lbs.
Operation: Locking/Loading Rail Stage Right

Do not have full fly space for drops.

One slide curtain rod capability up to 5 drops on one line set.

Note: Battens are not rated for aerial performances. Necessary equipment and personnel for acts of this type will be provided by the renter upon approval. Contact the PAC Coordinator for any and all questions regarding rigging.



Line-Set Schedule

Number	Distance from PL	Use
--	1′0″	Valence (Dead Hung)
--	1′6″	Main Traveler (Dead Hung)
1	2′6″	1st Electric (Not Removable)
2	3′10″	Open
3	6′6″	Open
--	8′6″	Border (Dead Hung)
--	9′0″	Mid-Stage Traveler (Dead Hung)
4	10′6″	2nd Electric (Not Removable)
5	11′10″	LED Cyc Lights (Tied to 2nd)
6	13′2″	Open
7	15′10″	3rd Electric
8	17′2″	Border
--	18′6″	Up-Stage Traveler (Dead Hung)
9	19′10″	Open Curtain Track for Drops Sky
10	21′2″	Cyclorama Sky Drop

Soft Goods:

Name	Num.	Height	Width	Details
Main Traveler	1	10′	50′	Purple Velour
Valence	1	10′	50′	Purple Velour
Black Travelers	2	20′	50′	Black Velour
Black Borders	2	10′	50′	Black Velour
Black Legs	2 sets	20′	9′	Black Velour
Sky Drop Cyc	1	20′	50′	Sky Blue Muslin
Projection Screen	1	20′	20′	Mounted in proscenium
Projection Screen	1	10′	10′	Portable Frame

Stage Floor

Main Stage Floor is Black Painted Pine - Apron Floor is Clear Finished Maple

Orchestra Pit

Depth at Centerline: 12′ 10″
Width 35′ 8″
Height to House Floor: 4′ 0″
Height to Stage Level: 6′6″

Orchestra Pit has three configurations:

- Stage-level Full Apron
- House Level
- Open Orchestra Pit

Pit has power supplies, microphone inputs, monitor outputs, and intercom system.

Default pit position is covered at stage level to form an extended thrust presentation stage.

Contact PAC Coordinator for pit information.

Note: Orchestra Pit uses a removable pit support structure.
Manual labor is required to change pit to a different configuration. Charges will apply.
Please contact the PAC coordinator if you have specific needs for the orchestra pit.

Other Supporting Equipment

- 6 Wenger Signature 4-Level Choral Risers
- 4′ x 8 ‘ Wenger Portable Band Risers

  3 - 8″
  5 – 16″
  7 – 24″

- 10 Banquet/Multi-use tables, 4'x3', 6'x3', 8'x3'
- 100 Black/Chrome Wenger Music Posture Chairs
- 100 Black Wenger Music Stands
- Lectern
- Conductor's Podium

Pianos

- Steinway D 9′ Grand Piano (New York)
- Yamaha Clavinova CVP-701 Digital Pianos
- Yamaha Arius YDP-223 Digital Pianos
- Kurzweil CUP-2 Upright Digital Piano

Production and Video

Projection System

Christie DWU850-GS 7500 Lumen, WUXGA, 1DLP Laser Projector

BluRay, DVD, PC inputs HDMI/VGA projection through Extron system with sound

20′ x 20′ DaLite Projection Screen

Electronically lowered from either control booth or backstage

Videography Equipment

4 Sony PTZ-4K camera system in Auditorium, recorded with NewTek Tricaster and Sony Camera Controller. 3 Panasonic PTZ-HD in Recital Hall.

Both the auditorium and recital hall are equipped with VimeoLive capability.

Lighting Equipment

Main Control Room: Located above center entrance doors
Can also be controlled from removed center seating or downstage right

Main Console:

ETC Express 48/96 House Lighting System:
ETC Unison control system

Control from touch screen in tech booth, preset panel onstage, or through main lighting console

Dimmers and Circuits:

Dimmer per circuit house
ETC Sensor 2.4 kW Dimmers
86 Circuits Available
House is wired on stage pin 20 amp
Adapters to and from stage pin to Edison available

The Following Electrical Service is available:

1 200 Amp 3 Phase 208 Volt Road Show Feed

Lighting Fixtures

ETC Source 4 Ellipsoidals:

26 Degree	4
36 Degree	6
50 Degree	8
Altman 65Q 6" 750 Watt Fresnels	5
Altman 360Q Ellipsoidals:	
6" x 9"	20
6" x 12"	8
6" x 16"	12
6" x 22"	2
	8
Altman PAR 64 Altman PAR	8
64 Short Altman Star PAR	4
ETC ColorSource LED PAR	10
Altman Spectra CYC 200	5
Canto Astro 600 Followspot	1

Sound Equipment

Control Position: Control booth (located above center entrance door)

Front of House Equipment:

1	Midas M32 40-Channel Digital Mixing Console

Main Audio Snake - custom wired whirlwind features the following mic sends

1-6	Stage Right
7-12	Stage Left
13-15	Orchestra Pit
16-17	Removable Center Seating
18-20	Catwalk
21-22	Recital Hall Control Booth
23-24	Orchestra Pit

All mic sends are wired to a patch panel in the control booth which normally connects mic sends 1-16 to mixing board channels 1-16

Control Booth Monitoring:

2	EAW UB12SE	Studio Monitors
1	Ashly SRA-120	Power Amplifier

Speaker System:

Speakers are EAW speakers managed by a BSS Soundweb 9088ii

Speakers and Processing Equipment:

3	EAW AS660e	Main Center Cluster
4	EAW MK5164	Delay Clusters
1	BSS Soundweb 9088ii	NSP Loudspeaker Processor
5	Crest Audio CA9	Power Amplifiers

Monitor System:
Stage Monitors controlled through FOH Console

Stage Wedges:

JBL Sound Factor SF12M
Electro-Voice ELX200

Powered from Main Audio Rack

4 Powered Channels sent to stage from 2 Crest Audio CA6's.

Ashly GQX3102 2 Channel 1/3 Octave EQ for monitor channels 1 & 2.

4 Powered channels sent via patch panel to one of six stage speaker ports located with 2 at stage right, 2 at stage left, and 2 in the orchestra pit

Spare Audio Equipment:

1	Mackie	SR24	Mixing Console
1	Peavey	PV-8.5C	Power Amplifier 31
1	Peavey	431F	Band Graphic EQ

Wired Microphones:

Shure	SM57
Shure	SM58
Crown	PCC-160
Crown	CM-31
M-Audio	Nova

Wireless Equipment:

Shure SLX4 Receivers
Shure SM58 SLX2 Handhelds
Shure SLX1 Bodypack Transmitters
Entice Lavalier Microphones
Countryman Lavalier Microphones

Recital Hall Specifications

240 seat turntable revolves from auditorium to create recital hall audience seating
Removable handicap seating
Open stage with backstage access from set construction room

Sound
Behringer EuroPower PMP 4000 Mixer
Bose Speakers

Lighting

Leprecon 624 Console
18 tti 2.4 kW Dimmers

Sound, lighting and video are controlled from a control booth located offstage right. The recital hall shares technical equipment with the auditorium for lighting control.

Load-in

Street level (stage level) loading dock into set construction room through 9'x7' overhead garage door

Set construction room leads directly onto stage left through 8'x8' overhead garage door

Dressing/Multi-Use Rooms:

Chorus Hall (Direct access hallway backstage right, Lobby access through Orchestra Hall:)

Capacity: 100 persons
Intercom with speaker
Yamaha Electric Piano
Black/Chrome Wenger Music Posture Chairs
Black Wenger Stands
Handicap Accessible Bathroom

Orchestra Hall (Directly off rear lobby, stage access through Chorus Hall)

Capacity: 60 Persons
Intercom with speaker
5 small practice/dressing rooms
Black/Chrome Wenger Music Posture Chairs
Black Wenger Music Stands

Band Hall (off lobby, stage access through lobby or Orchestra/Chorus Rooms)

Capacity 150 persons
Intercom with speaker
Large Sink
Black/Chrome Wenger Music Posture Chairs
Black Wenger Music Stands
Conductor's podium, stand, and chair upon request for all rooms

All classrooms have 60" HD Panasonic TV screens linked to the auditorium camera system for in-house green room monitoring of the stage and are equipped with Bose sound systems.

Updated December 2024 by Anthony DiBartolomeo, III