

Timberlane Performing Arts Center

Technical Specifications

Last update – September 4, 2008



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, Northern Massachusetts area. Complete with professional level sound, lighting, rigging, and communications the Performing Arts Center has become one of the premier venues in the area. The facility has proven itself 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.

- 938 seat auditorium
- 240 seat turn-table that faces either the auditorium or forms a smaller recital hall
- 40 Channel Yamaha Mixing Console
- EAW speaker system powered by Crest Amplifiers
- 10 manually operated single purchase line-sets - counterweight
- Assorted soft goods (legs, borders, sky drop, projection screen, etc.)
- ETC Express 48/96 Lighting Console
- Loading Door
- And much more

Technology Coordinator Contact:

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Performing Arts Center Coordinator

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Theater Specifications

Stage Dimensions - see diagram-next page

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
Apron Depth:	12' 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:	36' 0" - Between Curtains at Trim
Stage 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

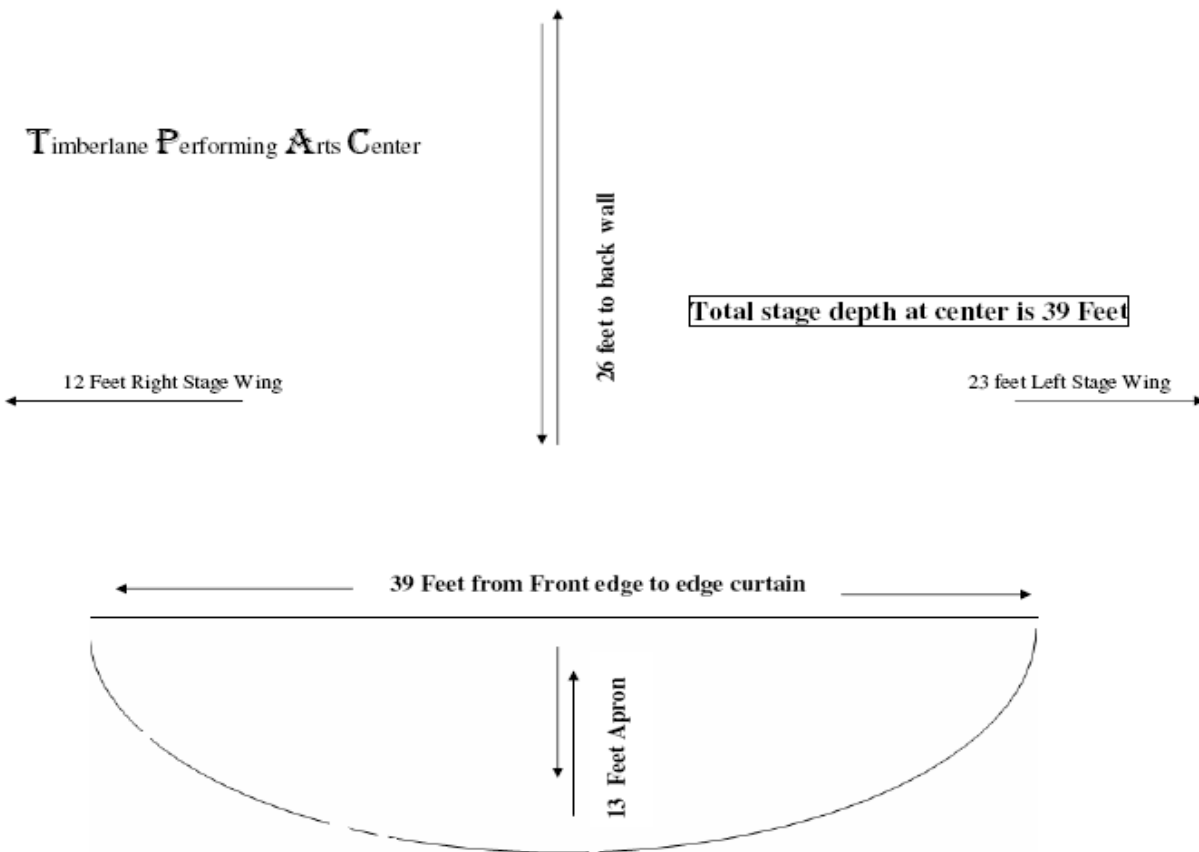
Capacity per Line-Set: 1,303 lbs.

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.

Please note:

Contact the PAC Coordinator for *any* 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"	1 st 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"	2 nd Electric (Not Removable)
5	11'10"	Open
6	13'2"	Open
7	15'10"	3 rd Electric
8	17'2"	Border
--	18'6"	Up-Stage Traveler (Dead Hung)
9	19'10"	Open Curtain Track for 3 Drops
10	21'2"	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 at House Level to Form a House—Level Presentation stage.

Contact PAC Coordinator for pit information.

Note: Orchestra Pit uses a removable pit filler. 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 Goods

- 6 Wenger Signature 4-Level Choral Risers
- 4' x 8' Wenger Portable Band Risers
 - 3 - 8"
 - 5 - 16"
 - 7 - 24"
- 9 Banquet/Multi-use tables, 3' x 6'
- 100 Black/Chrome Wenger Music Posture Chairs
- 60 Black Wenger Music Stands
- Lectern
- Conductors Podium

Pianos

- Steinway D 9' Grand Piano (New York)
- Brambach Baby Grand Piano
- Yamaha Electric Stage Pianos

Production and Video

Projection System

- 20' x 20' DaLite Projection Screen
 - Electronically Lowered from Proscenium
 - Lowered by use of remote control or switch stage right
- Sanyo PLC-XF30N LCD Projector, permanently mounted
 - DVD, VHS, and CD Playback
 - PC Inputs (notebook computer available)
 - Available in control booth or at stage right

Video System

- 2 Panasonic robotic cameras - Controlled from tech booth
- Panasonic 4 Camera Switcher/Mixer
- Record to Panasonic Hard Drive, DVD, or JVC SuperVHS

Portable System

- 10' x 10' DaLite Model C portable projection screen
- Optoma LCD Projector
- Notebook computer running Windows XP
- DVD and CD Playback
- VHS Playback available by request

Lighting Equipment

General Information:

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 on stage, 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

Altman PAR 64 8

Altman PAR 64 Short 8

Altman Star PAR 4

Altman Sky-Cyc 3 Cell 4

Altman Comet Followspot 1

Sound Equipment

Control Positions: Control Booth located above center entrance door
Center House Floor

Front of House Equipment:

- 1 Yamaha M2500 40 channel mixing console
- 1 Lexicon MX200 Effects Processor
- 1 Denon Dual CD Player/Recorder
- 1 Marantz Dual Cassette Player/Recorder

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:

4	SHS Audio	15" Stage Monitor
2	JBL	SF12M

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
1	Peavey	431F	31 Band Graphic EQ

Microphones:

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

Wireless

- Shure ULX Receivers
- Shure SM58 with ULX Transmitters
- Shure ULX Bodypack Transmitters
- Countryman E6 Microphones
- Assorted Lavalier Microphones

Recital Hall:

240 seat turntable turns from auditorium to create the recital hall.

Removable handicap seating

Open stage with backstage access from Set Construction room.

Sound:

StuDiomaster 400 16 Channel Powered Mixer

Bose Speakers

CD playback

Lighting:

Leprecon 624 Console

18 tti 2.4 kW Dimmers

Sound and lighting controlled from a control booth located off the side of the stage. The recital hall shares technical equipment with the auditorium

Loading:

Street level (stage level) loading into Set Construction room through 9x7 overhead door.

Set construction room leads directly into stage left through 8x8 overhead door.

Dressing/Multi-Use Rooms:

Chorus Hall (Directly stage right, Lobby access through Orchestra Hall):

Capacity 100 persons

Intercom with speaker

Yamaha Electric Stage Piano

100 Black/Chrome Wenger Music Posture Chairs

40 Black Wenger Stands

Handicap Accessible Bathroom

Orchestra Hall (Directly off Lobby, stage access through Chorus Hall):

Capacity 60 Persons

Intercom with speaker

5 small practice/dressing rooms

60 Black/Chrome Wenger Music Posture Chairs

40 Black Wenger Music Stands

Band Hall (off Lobby, Stage access through Lobby):

Capacity 150 persons

Intercom with speaker

Large Sink

120 Black/Chrome Wenger Music Posture Chairs

80 Black Wenger Music Stands

Conductors' podium, stand, and chair upon request

All classrooms have 2 35" Televisions with closed circuit video and offer CD, DVD, VHS, and Cassette playback through an audio system.