



# CONNECTICUT COLLEGE

## Frank Loomis Palmer Auditorium

### Technical Information for Palmer Auditorium

#### A. General Information:

1. Proscenium Theatre
2. Seating: 869 in orchestra + 418 in balcony = 1287 total
3. Student stagehands: Availability varies; during the school year only.
4. Professional Stagehands (Non- union). 2 weeks advanced notice is required.  
**NOTE: Crew requirements must be discussed and agreed on no later than one week before day of load in.**
5. Green Room is located Stage Left
6. Dressing rooms at Stage Level: 1 attached to Green Room for 2 people (includes toilet and sink).
7. Dressing rooms at Basement Level: 1 for 6 people, 1 for 8 people, 1 for 14. 3-separate unisex bathrooms; 1 with two toilets and two sinks, 1 with toilet, sink and shower and 1 with toilet, sink, shower and washer and dryer.
8. Loading dock from Stage Right - **AT CURB LEVEL**.  
Loading door is 6'-0" W x 10'-0" H.  
Loading dock is 13'-0" W x 40'-6" L (curb to crosswalk).
9. Stage Surfaces: Black stained ¼" MDF or black Harlequin™ Cascade dance floor:  
**No Rosin permitted on dance floor.**

#### B. Stage Dimensions:

1. Proscenium opening:  
Width: 46'-0" (Main Traveler opening 40'-9" typically set at 38'-0")  
Height: 24'-0" (Valance height and Act Curtain out trim is 17'-6")
2. Stage Right proscenium to wall off right: 23'-0"
3. Stage Left proscenium to edge of pin rail: 4'-0"
4. Height of grid from stage floor: 42'-0"
5. Distance from plaster line to Main Traveler: 6"
6. Total width of stage from Off-SR to Off-SL walls: 73'-0"
7. Depth of stage from plaster line to cyc: 28'-9"; to back wall: 29'-11"
8. Distance from projector on balcony rail to movie screen: approx. 55'. To back wall: approx. 82'

#### C. Stage Rigging and Dressing:

1. Single purchase counterweight system located Stage Left.
2. Total of 7000lbs. free weight available.
3. **Line Set Schedule:** See Appendix A
4. Length of battens: 1 - 45 are 45'-0", 46 - 48 are 42'-0".
5. Batten 20 is the SR Cable Pick. (Does not move.)

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### 6. 4 Electric battens:

- a. **1<sup>st</sup> Electric** (Line Set 4), 30 - 2.4k dimmers and 4 non-dim circuits: 3'-9" upstage of plaster line.
- b. **2<sup>nd</sup> Electric** (Line Set 14), 30 - 2.4k dimmers and 4 non-dim circuits: 11'-3" upstage of plaster line.
- c. **3<sup>rd</sup> Electric** (Line Set 34), 30 - 2.4k dimmers and 4 non-dim circuits: 19'-7" upstage of plaster line.
- d. **4<sup>th</sup> Electric** (Line Set 43), 12 - 2.4k dimmers, 4 - 6k dimmers repeating 5 times as 2.4k circuits (intended for cyc lights) and 4 non-dim circuits: **23'-9"** upstage of plaster line.

### 7. House Soft Goods:

- a. Valance: dark blue velour (75% fullness). Dead hung downstage of Main Traveler: Bottom is at 18'-6" from stage.
- b. Main Traveler: dark blue velour (75% fullness). Dead hung downstage; operating line SL.
- c. Act Curtain (Line Set 1): dark blue velour (75% fullness). Maximum out trim is 18'-6".
- d. Upstage Blackout Traveler (Line Set 45): 49'-0" W x 25'-0" H + 10' of trim chain to allow for cyc lights to focus under traveler track; operating line SL.
- e. Cyclorama (Line Set 48): white, IFR poly muslin: **41'-0" W x 27'-0" H**.
- f. 5 – Border curtains, IFR black Charisma velour, 49'-0" W x 10'-0" H, (0% fullness).
- g. 5 – Pairs of legs, IFR black Charisma velour, 12'-0" W x 25'-0" H, (0% fullness).
- h. 1 – Black IFR sharks tooth scrim: **45'-0" W x 20'-0" H**.
- i. Movie screen: Line set 2, **32'-0" W x 14'-0" H**.

### D. Miscellaneous Equipment

1. 9 – Wenger™ Legacy™ acoustical shells.
2. Panasonic™ PT-D5700 XGA 6000 (6000 lumen projector). Projector is located on the balcony rail.
3. Steinway & Sons™ Model D concert grand piano.  
Connecticut College is an All-Steinway School



# Technical Information for Palmer Auditorium

## E. Lighting Equipment:

1. ETC™ Express™ 250 or ETC™ Ion™ if available located House Left.
2. Front of House 2.4k Dimmers: Strand™ CD-80: circuited 1 to 1.
  - a. Near Cove – 15
  - b. Far Cove – 10
  - c. HR Box Boom – 12
  - d. HL Box Boom – 12
  - e. Balcony Rail – 12
3. Stage House 2.4k Dimmers: Strand™ CD-80: circuited 1 to 1 using 6 circuit Socapex™ connectors.
  - a. 1<sup>st</sup> Elec. - 30
  - b. 2<sup>nd</sup> Elec. - 30
  - c. 3<sup>rd</sup> Elec. – 30
  - d. 4<sup>th</sup> Elec. – 12
  - e. SL – 42
  - f. SR – 54
4. Stage House 6k Dimmers: Strand™ CD-80
  - a. 4<sup>th</sup> Elec. – 4 Circuited using Socapex™ connectors and repeat 5 times as 2.4k circuits (intended for cyc lights)
  - b. SR – 22 circuited 1 to 1.
5. **Company Power:** 10' offstage right
  - a. 1 – 3 phase, 5 wire, 400 amp (reverse ground and neutral)

### 6. Lighting Instrument Accessories:

8 – Boom bases with max 14' booms  
4 – Boom bases with max 10' booms  
40 – 15" side arms  
20 – Floor mounts  
8 – Light ladders, 3 rungs

For ETC™ Source Four™ Pars or Fresnels

24 – Barn doors  
18 – Half hats  
6 – Concentric ring top hats

For ETC™ Source Four™

20 – Iris  
2 – Apollo™ EZ Iris  
41 – B size template holders  
24 – A size template holders  
29 – Half hats  
25 – Top hat  
12 – Color extenders  
4 – Apollo™ Smart Move™ DMX gobo rotators  
10 – Rosco™ Image Pros

ETC™ Source Four™ Revolution™ Modules

4 – RWM – gobo rotators  
4 – SWM – gobo static  
6 – IM – iris  
3 – SM - shutter  
6 – BM - blank

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### 7. Instrument Inventory: Shared with Tansill Theater; availability varies.

TYPE	WATTS	QUANTITY	NOTES
ETC™ Source Four™ - 10 deg. Instruments	750	12	Palmer FOH: Far Cove
ETC™ Source Four™ - 19 deg. Instruments	575	15	Palmer FOH: Near Cove
ETC™ Source Four™ - 19 deg. Instruments	575	24	Palmer FOH: Box Booms
ETC™ Source Four™ - 19 deg. Instruments	575	12	Palmer FOH: Balcony Rail
ETC™ Source Four™ Bodies	575	294	
ETC™ Source Four™ -70 deg. Lens tubes		2	
ETC™ Source Four™ -50 deg. Lens tubes		75	
ETC™ Source Four™ - 36 deg. Lens tubes		129	
ETC™ Source Four™ - 26 deg. Lens tubes		87	
ETC™ Source Four™ -19 deg. Lens tubes		34	
ETC™ Source Four™ -EDLT 19 deg. tubes		2	
ETC™ Source Four™ Revolution™ w/ ETC™ Scroller	750	4	See Accessories for modules
ETC™ Source Four™ Revolution™ w/ Wybron™ Scroller	750	3	See Accessories for modules
ETC™ Source Four™ Par	750	111	
ETC™ Source Four™ Fresnel	750	50	
Par 64 ACL bars		2	
Selecon™ Aurora™ Cyc	1000	20	single cell
L&E™ 6' Mini strips - 8 strips - 3circuits/strip - 5 frames/circuit			
R-40 strips - 5 strips - 3 circuits/strip - 5 lamps/circuit			

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### F. Sound Equipment:

**NOTE:** We recommend for all events that require quality sound and someone to run the board to hire a sound company that will supply all sound equipment and a sound technician.

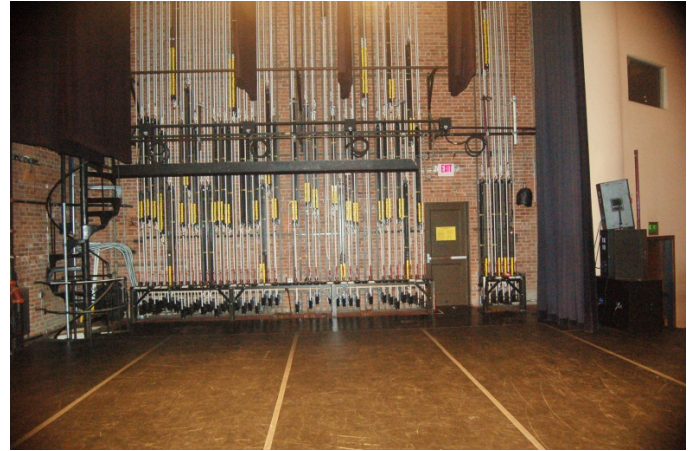
1. 1 – APB Dynasonics™ H1020 pro rack 16 channel mixing console
2. 4 – QSC™ PL6.0II amplifiers
3. 2 – Crown™ Power Tech™ 3 amplifiers
4. 6 – Telex™ Electro-Voice™ DML 1152 Deltamax bi-amped speakers (4 for mains and 2 for monitors or fill).
5. 4 – Telex™ Electro-Voice™ TX1181 Subwoofers
6. 4 – Precision™ Transducer by Peavey™ 112CX Full range monitors (150 watt cont.)
7. 4 – Shure™ Beta 58 microphones.
8. 2 – Shure™ ULX wireless Beta 58 microphones.
9. 5 – Crown™ PCC 160 microphones.
10. 1 – Tascam™ HD-R1 (for recording).
11. 1 – Denon™ CD player.
12. 2 – Alesis™ 3630 2 channel compressors for microphones.
13. 1 – Two channel Clearcom™ headset system.

# Technical Information for Palmer Auditorium

## G. Photos:



View from the Balcony Level



View to Stage Left and Green Room Door



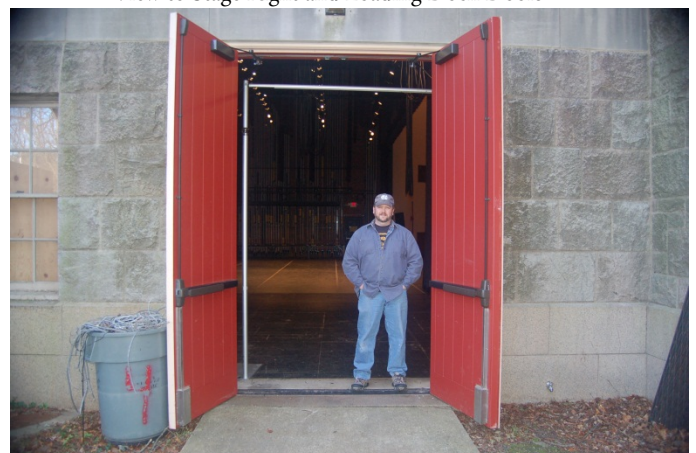
View from the Orchestra Level



View to Stage Right and Loading Dock Doors



View from stage



Loading doors

## Technical Information for Palmer Auditorium

### Contacts:

Theater Services  
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# Technical Information for Palmer Auditorium

## Appendix A: Line Set Schedule

### LINE SET SCHEDULE

LINESSET	Center from PL	Length	Out Trim	Max added wt.	Purpose	Notes
V	0'-6"	NA	17'-6'	NA	Valence	Dead Hung
HC	1'-0"	NA	NA	NA	Main Traveler	Dead Hung
1	2'-1"	45'-0"	17'-6"	NA	Act Curtain	Counterweight
2	2'-6"	45'-0"	37'-7"	NA	Movie Screen	Counterweight
3	2'-11"	45'-0"	37'-7"	585 lbs	General Purpose	Counterweight
<b>4</b>	<b>3'-9"</b>	<b>45'-0"</b>	<b>34'-10"</b>	<b>462 lbs</b>	<b>1st Electric</b>	<b>Counterweight</b>
5	4'-7"	45'-0"	37'-7"	585 lbs	General Purpose	Counterweight
6	5'-5"	45'-0"	37'-7"	585 lbs	General Purpose	Counterweight
7	6'-3"	45'-0"	37'-7"	585 lbs	General Purpose	Counterweight
8	7'-1"	45'-0"	37'-7"	585 lbs	General Purpose	Counterweight
9	7'-11"	45'-0"	37'-7"	585 lbs	General Purpose	Counterweight
10	8'-9"	45'-0"	37'-7"	585 lbs	General Purpose	Counterweight
11	9'-7"	45'-0"	37'-7"	585 lbs	General Purpose	Counterweight
12	10'-5"	45'-0"	37'-7"	585 lbs	General Purpose	Counterweight
<b>14</b>	<b>11'-3"</b>	<b>45'-0"</b>	<b>34'-10"</b>	<b>462 lbs</b>	<b>2nd Electric</b>	<b>Counterweight</b>
16	12'-1"	45'-0"	37'-7"	585 lbs	General Purpose	Counterweight
17	12'-6"	45'-0"	37'-7"	585 lbs	General Purpose	Counterweight
18	12'-11"	45'-0"	37'-7"	585 lbs	General Purpose	Counterweight
19	13'-9"	45'-0"	37'-7"	585 lbs	General Purpose	Counterweight
20	28'-4" from CL	20'-0"	NA	NA	Cable Tab	Counterweight
22	14'-7"	45'-0"	37'-7"	585 lbs	General Purpose	Counterweight
23	15'-5"	45'-0"	37'-7"	585 lbs	General Purpose	Counterweight
25	16'-3"	45'-0"	37'-7"	585 lbs	General Purpose	Counterweight
28	17'-1"	45'-0"	37'-7"	585 lbs	General Purpose	Counterweight
29	17'-6"	45'-0"	37'-7"	585 lbs	General Purpose	Counterweight
30	17'-11"	45'-0"	37'-7"	585 lbs	General Purpose	Counterweight
31	18'-9"	45'-0"	37'-7"	585 lbs	General Purpose	Counterweight
<b>34</b>	<b>19'-7"</b>	<b>45'-0"</b>	<b>34'-10"</b>	<b>462 lbs</b>	<b>3rd Electric</b>	<b>Counterweight</b>
35	20'-5"	45'-0"	37'-7"	585 lbs	General Purpose	Counterweight
36	20'-10"	45'-0"	37'-7"	585 lbs	General Purpose	Counterweight
37	21'-3"	45'-0"	37'-7"	585 lbs	General Purpose	Counterweight
40	22'-1"	45'-0"	37'-7"	585 lbs	General Purpose	Counterweight
41	22'-6"	45'-0"	37'-7"	585 lbs	General Purpose	Counterweight
42	22'-11"	45'-0"	37'-7"	585 lbs	General Purpose	Counterweight
<b>43</b>	<b>23'-9"</b>	<b>45'-0"</b>	<b>34'-10"</b>	<b>462 lbs</b>	<b>4th Electric</b>	<b>Counterweight</b>
44	24'-7"	45'-0"	37'-7"	585 lbs	General Purpose	Counterweight
45	25'-5"	45'-0"	10'-3"	NA	Black Traveler	Counterweight
46	27'-1"	42'-0"	37'-7"	585 lbs	General Purpose	Coounterweight
47	27'-11"	42'-0"	37'-7"	585 lbs	General Purpose	Counterweight
48	28'-9"	42'-0"	37'-7"	585 lbs	General Purpose	Counterweight