



## Technical Specifications

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## General Information:

- The Athenaeum Mainstage Theatre is a 984 seat opera house that was built in 1911.
- There is street parking in the area, there are also two paid parking lots located behind and next to the theatre that are open to the public.
- Throughout the duration of your time in the space there will be a house technician on site to help you with any issues you may have. This technician will not be a part of your crew but is there to ensure that your time at the Athenaeum is productive and safe. They will also be responsible for checking in and out each group to make sure you have everything you need.
- The theatre is handicap accessible on the orchestra level of the house only.

## Supporting Areas:

- There are 7 dressing rooms and a production office located below the stage. Dressing rooms 1-4 and 7 fit approximately 8 people; room 5 fits approximately 12-15 people; dressing room 6 is a larger room that can be used for storage. All dressing rooms are equipped with clothing racks.
- There is also a permanent orchestra pit that you can access through dressing room 6.
- The lobby at the Athenaeum has 3 sections, the first is where the box office and elevator are located. The second section is the entrance into the main orchestra lobby which houses a small concessions area, stairs to the balcony, men's and women's restrooms and water fountains. The third section of lobby space is a separate lobby on the balcony level with men's and women's restrooms.

## Stage:

- Stage Dimensions:
  - Proscenium:



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- Width: 42'-0"
  - Height: 20'-8"
  - Stage Height
    - Grid: 47'-3"
    - Roof: 56'-9"
  - Stage Width:
    - SL wall to SR wall: 88'-2"
    - Opening of false proscenium: 41'-4"
    - Center line to SR wall: 44'-1½"
    - Center line to SL wall: 44'-0½"
    - Center line to SR stairs: 36'-6"
    - Center line to SL single purchase lines: 33'-10"
  - Stage Depth:
    - Plaster line to US wall: 32'-6"
    - Thrust to US wall: 36'-10"
    - Main curtain to US wall: 29'-1"
    - Main curtain to thrust: 6'-9"
- The dock height is 7'-5" and is at stage level. If unloading a large quantity of gear you may want to rent a forklift. Also, the dock is located in the paid parking lot behind the theatre and is a shared space. While there is room for larger trucks, this is no long-term parking and pre-arrangements may need to be made to clear proper space.
- There is no dedicated stage-level crossover; however it is possible to crossover through the dressing room area under the stage.
- The original floor 100 year old floor is still in use at the Athenaeum, as such no screwing or bolting to the floor is allowed.
- You are allowed to paint the stage floor, but at the end of your run the floor will need to return to black. The paint used at the Athenaeum is Acme Flat Black.



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**Power:**

- 400 Amps, 3 Phase, 120/208 V
- Road Board Disconnects

**Lighting:**

- The Athenaeum Mainstage Theatre comes equipped with a repertory lighting plot. This plot is guaranteed to be in the air when you arrive at your load-in and is expected to be restored as a part of strike.
  - Lighting inventory in rep plot:
    - ETC Source Four 36° (575w): 6
    - ETC Source Four PAR XWFL (575w): 6
    - Wybron CXI Color Scrollers: 6
    - Altman Shakespeare 10° (575w): 12
    - Altman 360Q 6x22 (500w): 10
    - Altman 360Q 6x12 (500w): 17
    - Altman 360Q 6x9 (500w): 11
    - 8" Fresnel (1000w): 8
    - PAR 64 WFL (1000w): 18
    - Strand 3-Cell Cyc (1000w/cell): 5
- Along with the lighting units in the rep pot there are also additional units available.
  - Lighting inventory in main stage (not in rep):
    - ETC Source Bodies (575w): 14
      - ETC Source Four 19° Barrels: 12
      - ETC Source Four 26° Barrels: 8
      - ETC Source Four 36° Barrels: 1
      - ETC Source Four 50° Barrels: 6
    - ETC Source Four PAR (575w): 6
    - Altman 360Q 6x22 (500w): 10
    - Altman 360Q 6x16 (500w): 6
    - Altman 360Q 6x12 (500w): 8
    - Altman 360Q 6x9 (500w): 18
    - 8" Fresnel (100w): 2
    - PAR 64 (1000w): 20



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- Dimming:
  - 164 Dimmers (please confirm final dimmer numbers if coming close to maximum)
  - ETC Sensor 3:
    - Dimmers 7 - 24 terminate house left box (female stage pin)
    - Dimmers 25 - 96 terminate SR jump (6-circuit multi)
  - Cypress Creek
    - Dimmers 97 - 141 Telephone patch panel located DSR
    - Dimmers 193 - 198 Box USR (female stage pin)
    - Dimmers 211 - 216 Box USL (female stage pin)
    - Dimmers Box DSL (female stage pin)
- The lighting console for the Athenaeum Mainstage is an ETC Ion 2000 Cue with two 150' DMX runs to front of house.

## Sound:

- Main speakers: Four JBL AM5212/95 speakers
- Monitors: Two JBL PRX712M powered speakers
- Stage monitors are typically downstage left and right behind the false proscenium wall, but can be moved to fit the needs of the show.
- Audio Console: Soundcraft Si Impact (32 Mic Inputs • 8 XLR/1/4" Combi-jacks for line inputs and instruments)
  - 40 DSP input channels (32 mono inputs and 4 stereo channels/returns)
  - 31 Output busses (All with full DSP processing and GEQ)
  - 4-band Fully Parametric EQ on each channel and bus
  - 8 VCAs + 8 Mute groups
  - 26 motorised faders (24 input + LR/Mono )
  - 4 fully customisable Fader Layers
  - Multi-Colour LCD Channel
  - 20 sub-group / aux busses - 4 mono/stereo matrix busses
- Front of house control a rack including CD, 2 channels of EQ, and a dBX driverack system processor.



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- The rack and console live at a semi-permanent location at the back of the house, however, they can be located just about anywhere depending on the needs of the show. Though will need to be restored to house position at strike.
- Drivelines consist of a 16x4 channel 150 foot snake, which is enough to go from upstage to the back of the house (typical for a band mid/up stage).
- There is a four station comm system in house for use that will need to be checked out.
- The church next door uses a Shure ULX J1 band wireless system, and you will need to setup your frequency structure around them to avoid interference in either system.
  - Saint Alphonsus RF (9/2/11)
    - 8-16-33-584.925 MHz
    - 8-18-33-5860.550 MHz
    - 8-17-33-585.350 MHz
    - 8-2-28-554.900 MHz
- Microphone inventory:
  - Shure SM 58 (with switch): 2

## Rigging:

- The fly system on the mainstage is comprised of both single and double purchase line sets. There are 29 line sets in total, not including the fire curtain, grand drape, grand teaser or first electric.
  - Legs:
    - 24'-0" x 12'-0": 4
    - 25'-0" x 14'-6": 3
    - 29'-0" x 0'-6": 2
  - Borders:
    - Border A: 39'-6" x 6'-0"
    - Border B: 40'-0" x 6'-6"
    - Border C: 56'-0" x 6'-0"
    - Border D: 56'-6" x 5'-6"
    - Border E: 40'-0" x 5'-6"
  - White Cyc: 1
  - Black Scrim: 1
  - Full Stage Black: 1 (in two pieces)
- The fly system is to be run by a qualified person on your crew. If you don't have someone on your crew who is qualified to run the flies please let us know and we will provide one for you at an additional cost.



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- All soft goods included in the rep plot are included, there are additional mismatched soft goods that are also included; please ask a Bread & Roses representative for more details.
- At the end of day, the soft goods must all be above head.
- The heaters for the theatre are on the upstage wall. In cold weather when bringing in the cyclorama please pull the bottom on cyc away from the wall so that the fabric doesn't discolor or burn.



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F C	0'-4"	N/A	N/A	Fire Curtian			Controlled DSR / Permanent
G D	1'-4"	Single / no break		Grand Drape			Permanent
G T	2'-6"	Single		Grand Teaser			Permanent
1 E	3'-10"	Single	800 lb	First Electric	40'-0"	21'	Permanent
					52'-0"		
1	5'-3"	Single	500 lb		51'-0"		
2	6'-6"	Double	500 lb		52'-2"		
3	7'-4"	Double	500 lb	Border	52'-2"		
4	8'-2"	Double	500 lb	Legs	52'-2"		40' stage opening
5	9'-0"	Double	500 lb		52'-2"		
6	9'-10"	Double	500 lb		52'-2"		
7	10'-8"	Double	500 lb		52'-2"		
8	11'-6"	Double	500 lb		52'-2"		
9	12'-8"	Double	500 lb	Border	52'-2"		
10	13'-6"	Double	500 lb	Legs	52'-2"		40' stage opening
11	14'-4"	Double	500 lb	Second Electric	52'-2"	21'	
12	15'-2"	Double	500 lb		52'-2"		
13	16'-0"	Double	500 lb	Third Electric	52'-2"	21'	
14	16'-10"	Double	500 lb	Border	52'-2"		
15	17'-8"	Double	500 lb		52'-2"		
16	18'-8"	Double	500 lb		52'-2"		
17	19'-4"	Double	500 lb	Legs	52'-2"		40' stage opening
18	20'-7"	Single	600 lb	Fourth Electric	52'-2"	21'	
19	21'-7"	Single	300 lb				
20	22'-7"	Single	300 lb	Fifth Electric		21'	
21	23'-9"	Single	300 lb	Border	61'-0"		
22	25'-0"	Single	500 lb	Legs	51'-6"		40' opening / mismatched
23	26'-1"	Single	300 lb	Black Scrim	59'-0"		



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24	27'-6"	Single	500 lb	Sixth Electric	48'-9"
25	28'-6"	Single	500 lb		52'-0"
26	29'-5"	Single	500 lb	Full Stage Black	63'-0"
27	30'-6"	Single	500 lb	White Cyc	63'-0"
28	31'-7"	Single	500 lb		63'-0"
29	32'-2"	Single	300 lb		58'-9"