



Technical Specifications

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General Information:

- The Athenaeum Main Stage 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 and behind the last row in the upper balcony.
- Sunday load-in times must be approved by Technical Director and cannot interfere with St. Alphonsus mass times, in order to keep the parking lot clear.

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; dressing room 5 fits approximately 12-15 people; dressing room 6 is a larger room that can be used for storage or as a green room. All dressing rooms are equipped with clothing racks.
- 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.



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Stage:

- Stage Dimensions:
 - Proscenium:
 - 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. There is a 12-foot ramp available for use, which can go from truck-height to the stage. 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 Tricorn Flat Black.
- There is an orchestra pit that you can access through dressing room 6. There is a pit cover in place typically. If the pit is required please notify the Technical Director at least one month prior to load in. There is a \$400 fee to remove the pit cover and an additional \$400 to restore the pit cover.



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Power:

- 400 Amps, 3 Phase, 120/208 V
- The house audio package is tied into the 400 Amp service. The Athenaeum does not have T's to tie into power.
- Road Board Disconnects

Lighting:

- The Athenaeum Main stage 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 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 plot 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
- There are two spotlights in the back of the balcony, available for rental for additional charge.
- 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)



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- 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 Main Stage is an ETC ION 2000 and has a 10 x 10 Fader wing



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Sound:

- Main speakers: 8 per side Martin Audio W8LM Mini-Line Array Speakers over 2 per side Martin Audio WSX Subwoofers
 - Subwoofers are fed from a separate Aux or Matrix from the console
- Front Fills: 2 Martin Audio WTUB Speakers located on the front lip of the stage
 - Front Fills are fed from a separate Aux or Matrix from the console
- Monitors: 2 - EV ZLX12 powered speakers. There are two additional EV ZLX12 available as well.
- Stage monitors are typically downstage left and right behind the false proscenium wall, but can be moved to fit the needs of the show
- 150' 48 Channel Whirlwind 3-way Iso Split on SR
- 16 Channel Return snake from FOH to stage
- The console lives 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.
- 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 motorized faders (24 input + LR/Mono)
 - 14 sub-group / aux busses - 4 mono/stereo matrix busses
- Any changes to the main PA hang must be approved by the Technical Director
- Wireless Microphones and Wireless IEMs Note
 - In 2017 T-Mobile acquired the use of the 600 MHz Band for their cellular phone systems. The theatre building currently hosts a T-Mobile antenna on the roof. There is no current plan for T-Mobile to upgrade the Antenna until 2019, but those plans can change. We recommend any wireless system operating in the theatre be in a range below 608 MHz. If the show is deploying more than 4 channels we recommend a digital wireless system.
 - Wireless that operates in the 2.4 GHz band is not recommended and can experience issues when interacting with patrons phones or in house wireless internet systems.
- Comm positions available at SL, SR, Rail, FOH, and Spot



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- 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

Rigging:

- The fly system on the main stage 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
 - Mid Stage Black: 1
- 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.
- All soft goods included in the rep plot are included, there are additional mismatched soft goods that are also included.
- 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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FC	0'-4"	N/A	N/A	Fire Curtain			Controlled DSR / Permanent
GD	1'-4"	Single / no break		Grand Drape			Permanent
GT	2'-6"	Single		Grand Teaser			Permanent
1E	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	Mid Stage Black	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"		
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"		