Diamond Theater

Technical Information Package
Facility Description: Zoellner Arts Center, a division of Lehigh University’s College of Arts and Sciences, is a 23-year-old arts center housing four resident departments: Lehigh University Art Galleries, the Departments of Music and Theatre, and Administration. All building resources are shared among these four departments. There are three performance spaces: Baker Hall, a 940 seat multi-purpose stage; Diamond Theatre, a 3/4 thrust stage seating 307; and the Fowler Black Box Theatre, a small multi-configuration space.

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<thead>
<tr>
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<th>Name</th>
<th>Email</th>
<th>Office Phone</th>
</tr>
</thead>
<tbody>
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<td>610-758-2252</td>
</tr>
<tr>
<td>Main Fax #</td>
<td></td>
<td></td>
<td>610-758-6537</td>
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2. Seating: Seating is stadium style with entry from the rear. Handicapped seating is located adjacent to the entrances. **Capacity is 307.**

3. Stage: The stage is a ¾” thrust configuration with the proscenium opening at 19’ from the stage edge.
4. **Stage Floor:** Black, tempered Masonite with plywood sub floor on neoprene sleepers with traps located.
   a) Traps are modular and can be pulled in different configurations.
   b) Overall opening is 8’x16”.
   c) Upstage edge is in line with the proscenium.

5. **Fly System:** Single purchase operated from stage right mid rail.
   a) 7 battens, 47’ long.
   b) Low trim is 4’, high trim is 30’.
   c) Rated for 1000 lbs.
   d) Line set 3 is a dedicated electric.

6. **Stretch Wire Grid:**
   a) Accessible via tech booth on the 3rd floor or via ladder backstage right.
   b) Rigging to the grid is not allowed.

7. **Soft Goods:**
   a) 2 black velour side tabs to mask wings; 24’x10’, 0% fullness.
   b) 3 black velour borders; 45’x10’, 0% fullness.
   c) 3 sets of black velour legs; 32’x10’, 0% fullness.
   d) 1 Black velour traveler/black out, Drape; 2 panels – 25’x32’, 0% fullness.
   e) 2 White Muslin Cyc, Seamless Drop, 32’x45’.
   f) 1 black seamless scrim, 32’x45’.

8. **Lighting Control:**
   a) ETC GIO, located in HL Tech Booth (has limited sight of stage).
      a) ETC iRFR remote available via iPad.
      b) Designer/Tech table with remote video setup is also available.
   b) House/work light control by ETC Paradigm system (control located both in HL Booth and via iPad or GIO).
      a) House Lights are Light Source RGBW (3000k) HL Pendants. They are individually controllable.
      c) The Diamond Lighting system is dimmer per circuit and has relay and other modules available.
         a) 192 ETC Sensor 3 dimmers. This includes non-dim and house/work lights.
   d) One 400A, 3 Phase 5 Wire LEX Company switch is located USL. Standard Camlock or bare wire tie in is available.

9. **Lighting Positions:**
    The Diamond Theater has multiple lighting positions:
    a. Tension grid pipes
    b. Over-stage battens
    c. Balcony rail (limited weight)
    d. Over-vom entrances
    e. SL/SR gallery pipes
11. Lighting Inventory:
The Diamond Theater and Zoellner Arts Center rely on a shared inventory, and as such, all items are subject to availability. Please contact the lighting coordinator for the most current inventory. A rep plot is also available.

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12. Audio:
      a. 16X8 Tio available for expanded deck needs.
   b) Playback: Qlab 4 on an iMac and mp3/phone connection.
   c) Speakers:
      a. Mains: 4 EAW MK2 in a left left, right right configuration.
      b. Subs: 2 EAW SB 500 flown subwoofers.
      d. Proscenium fills: 2 EAW JF 100s.
      e. Stage monitors: 2 EAW wedges.
      f. Amplifiers: 8 Crown CTs 1200.
      g. Self Powered
         i. 4 QSC K-10s.
         ii. 2 QSC KS118 Subs.
         iii. 4 Galaxy Audio micro-spots MSPA5.
   d) Microphones:
      a. 2 Shure ULX-D Wireless handhelds or belt packs via Dante.
         i. 12 channels of ULX-D are available.
      b. Various Shure, AKG, and DPA mics are available.
   e) Microphone and speaker patch points are located throughout theater.

13. Intercom/paging:
   a) Clear Com 2 channel party line system with remote SM station.
   b) Riedel Bolero wireless intercom system available.
   c) In-house FOH & backstage paging available
   d) Patch points located throughout theater
   e) Single channel and dual channel belt packs available.
   f) Single and double muff headsets available.

14. Video Projection: Diamond Theater and Zoellner Arts Center rely on a shared inventory.
   a) 3 Epson Pro L1505UNL 12,000 lumen laser, Resolution: WUXGA 1920x1200
      a. Various lens options available
   b) 1 Panasonic PT-EZ570U ,5000 lumen, Resolution: WUXGA 1920x1200
      a. Various lens options available
   c) 1 Epson PowerLite Pro G7000W, 6500 lumen, Resolution: WXGA 1280x800
      a. Various lens options available
   d) 2 Optoma TX783, 5000 Lumen, Resolution: XGA 1024x768
      a. Lens: 1.2x zoom
   e) 1 9’x14’ fast fold front/rear projection screen with dress kit
   f) 1 8’ tripod screen

15. Dressing Rooms: Located on lower level, one floor below Diamond Theater.
   a) Dressing rooms are a shared resource and might not all be available.
   b) There are 2 individual dressing rooms with private shower/ bathroom.
   c) There are 2 4-person dressing rooms with a shower & shared bathrooms.
   d) There are 2 ensemble dressing rooms. The women’s seats 26 and the men’s 19.
      a. Each has showers and shared bathrooms.
Dressing Rooms continued:
   e) Hospitality is usually located inside the greenroom or directly outside.
   f) The laundry room has a single washing machine & an electric dryer.
   g) An iron and a Jiffy steamer are available upon request.
   h) A wig dryer is available upon request.
   i) Rolling wardrobe racks are available.

16. Loading Facilities:
   a) The loading dock is located at 420 East Packer Ave. It is immediately to the right of the parking lot entrance. Please see page 8 for drawing.
   b) Loading dock accommodates 1 53’ trailer and tractor.
      a. Driveway opening is 14’ high.
      b. The dock is 3’ above driveway & has an integrated, adjustable dock plate.
   c) The loading dock opens onto a hallway leading to stage right.
   d) There is a freight elevator available.
   e) Door opening is 9’-0” x 9’-7” high.
      a. Hallway and inner doors will accommodate scenery at least that height.
      b. Large scenery pieces must travel through adjacent scene shop.

17. Internet Access:
   a) There is Wi-Fi available throughout the building. SSID: lehigh-guest. No password needed.
   b) A LAN jack is available in the greenroom. No password needed.
   c) There is a phone located in the greenroom for guest use.
      a. Long distance calls must be made using calling cards.
Repertory Light Plot

Diamond Theater