

## Dance Theater at Boston University

### Description

The Boston University Dance Theater and Rehearsal Space is located on Buick Street and consists of a new 225 seat state-of-the-art studio/theater space, lobby with ticket booth, men's and women's restrooms, and back stage area including men's and women's dressing rooms. The generous performance area has an overhead grid, flexible sound system, and a spacious backstage area. Below is a more detailed description of each space.

### Studio Theater

- Studio Theater Dimensions: 40' x 80'
- Number of Seats: 209 retractable seats (11 rows with 19 seats at 1 foot increments) plus 8 ADA seats and 8 companion seats. An additional row of chairs on floor is possible.
- Performance Space Dimensions (inside drapes): 30'deep x 32'wide x 21'high to grid
- Dance Floor: Kiwi sprung wood floor with Rosco Adagio dance floor overlay
- Mirrors along south wall for practice; covered by drapery during performance

### Drapery

- Full stage masking with black velour valances (dead hung)
- Black velour back curtain on traveler track provides crossover space
- White cyclorama on traveler track
- One spare upstage scenery pipe
- Four black velour legs each side on boom; 4'wide x 25'
- Front "proscenium" curtain
- Blackout shades for windows
- Housing for video projection screen (96' X 170") at proscenium edge
- White back wall can be used for projection

### Lighting System

- Dance Studio has a full Theatrical and Architectural (House) lighting and dimming system to meet the performance and teaching needs of the space.
- An ETC Express 48/96 (version 3.1) lighting control console is provided in the control booth located at the rear of the dance studio – The control panel will provide 2-scene preset operation of 192 dimmers / channels and 1024 DMX outputs for preset or programmable operation of 999 cues, 500 groups, 2000 macros, for fixed and moving stage lighting equipment.
- There are a total of 120 dimmable circuits in the theater
- 9 circuits FOH position; 6 circuits in the Torm Position ( 2 positions 3 circuits each)
- 60 circuits over the stage (5 electrics with 12 circuits each)
- 24 circuits feed 8 floor pockets on the stage for additional portable and specialty lighting (3 circuits per floor pocket)

- 10 circuits are provided for house/emergency lighting (5-ON/OFF, 5-dimming) – This lighting can be used for performance house lighting, emergency lighting, and general (classroom) lighting.
- A repertory light plot is pre hung and circuited. It contains:
  - 3 color top/back wash (9 Parnels per wash)
  - 1 color front wash (5 26 degrees)
  - 2 sets diagonal from the torm position (2 36 degrees per set)
  - 1 high side system stage left (8 36 degrees)
  - 1 high side system stage right (8 36 degrees)
  - 2 pattern wash (4 50 degrees each)
  - 1 set - shin (8 50 degree – 4 per side)
  - 1 set- mid (8 Altman 6X9 – 4 per side)
  - 1 set - head high (8 36 degree)
  - 2 floor mount (50 degrees)
- Three color wash for the cyclorama using 4 three cell cyc lights
- The circuiting may be re-organized to suit your needs
- The 8 50 degrees used as pattern washes and the 4 36 degrees used Front of House may be struck and used as specials
- There are 4 additional source fours that may also be used as specials.
- Other control system components include Room Entry Scene Control Stations, Stage Lighting Console Control Receptacles, Remote Focus Units to provide flexibility and reliability throughout the space.
- The dimming system is connected to the emergency power system to restore emergency lighting to full brightness upon loss of normal power for safety and reliability.
- The dimming system is connected to the fire alarm system to return all studio lighting to full brightness in an alarm condition for safety.

## Power and Systems

- Motorized retractable seating for convenience and flexibility
- Motorized winches to raise and lower the electrics for convenience and flexibility
- State-of-the-Art sound system and audio-visual system and controls

## Sound System:

- Multi-purpose flexible sound system with center and Left-Right loudspeakers for audience and dance floor/stage
- Portable loudspeaker system for monitors and special effects
- Ceiling loudspeakers to serve front of house and backstage areas
- 32-channel main mixing console for use in control booth, or audience
- Basic mixer system for small lectures, classes or dance instruction
- Wired and wireless microphones
  - 1 hand held wireless
  - 1 lapel wireless
  - 2 floor mics



- 1 podium mic
- 4 vocal mics
- 7 various instrument mics
- Playback devices (DVD and CD players) in portable rack, tech booth and side stage
- Production Intercom system serves Tech booth, stage and backstage areas

### **Projection Equipment:**

- Christie projector LW40 – 4000 lumen projector. At a throw distance of 80' for maximum image size of 14' high X 25' wide. DVD and Laptop hook up.

### **Backstage:**

- Women's Dressing Room dimensions: 20' x 40' with adjoining bathroom and shower
- Men's Dressing Room dimensions: 12' x 26' with adjoining bathroom and shower
- Storage Area

### **Lobby:**

- Entrance from Buick Street
- Display Cases
- Box Office with counter
- Women's and Men's restrooms
- Public Telephone
- Elevator access to lobby, street level and performance level

### **Air Quality**

The Arena has a state-of-the-art HVAC system that provides a comfortable environment. The environment is closely monitored for air quality according to Commonwealth of Massachusetts Health Regulations.

### **Guests with Disabilities**

The Dance Studio/Theater Lobby Entrance and Studio/Theater are accessible to guests with disabilities as are all entrances, hallways, restrooms and pathways.

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