

**Alys Stephens Center**  
**Sirote Theatre Technical Specifications**

**Overview**

The Sirote Theatre is a Continental-style hall, designed and built primarily to house and support theatrical type performances. Great care was taken during the design process to make the hall excel acoustically, and to be visually beautiful. It is strongly advised to contact the Director of Production and Facilities and/or the Technical Director prior to booking to ensure that the venue can adequately support your event or show. A virtual tour can be found at <http://www.tlsinc.com/virtualsirote.html> . A set of floorplans, sections, and elevations of the stage and environs are available upon appropriate request.

**Seating Capacity**

Orchestra	200
Balcony	143
Handicapped (Total)	<u>8</u>
<b>Total Seating</b>	<b>351</b>

**Staging and Fly System**

**Stage Measurements**

Stage Width (wall-to-wall, upstage of proscenium)	69'6"
Stage Depth (at centerline)	46'
Proscenium Width	38'
Proscenium Height	22'
Proscenium to Rear Wall	36'
Stage Floor to Grid Height	56'2"
Orchestra Pit (Covered) - Curved Front with 7'10" at center and 40' SR to SL	

**Green Room & Dressing Rooms**

Green Room equipped with refrigerator, ice maker, microwave, coffeepots, sink  
6 Dressing Rooms (all have restrooms)  
- 4 on stage level  
- 2 on pit/basement level (stair access only)

All dressing rooms have audio only stage monitors. Available washer & dryer, iron, steamer, and 2 rolling costume racks (hangers not provided).

**Theatre Access and Equipment**

**Covered Loading Dock Measurements**

Dual Bay Loading Dock Height	3'8"
Loading Dock Door	9'h x 9'6"w

Direct-line access from dock to stage thru scene shop. Entry onto stage is upstage center.

**Fly System**

34 Fly Lines  
29 line sets, Single Purchase - 600lb capacity ea.  
5 motorized electrics - 3, 000lb capacity ea.  
Batten Lengths 46'  
Braille Curtain – (Used as Main Act Teaser) Single-speed Motorized Guillotine Only  
Grand Drape- Motorized single-speed Guillotine or Hand-pulled Travel  
2 Travelers – 1 @ midstage, 1 upstage – both act as legs  
5 Borders 6' x 46'  
3 sets of legs 6' x 24'  
6 offstage flown sidelight ladders (3 SL, 3 SR : single-speed independently motorized)  
15,000lbs of counterweights available

**Lighting**

We are a dimmer-per-circuit facility. All dimmers are 2.4k ETC (Electronic Theatre Controls), mounted in Sensor96 racks. There are 384 20amp circuits with 12 circuits occupied by the architectural lighting system. The lighting control console is the Expression3 by ETC (circa 1997). Note that, due to an extensive production schedule, we employ a rep hang. Custom lighting and specials are available on a limited basis, and should be discussed in advance with the Technical Director.

**Instruments and Lighting Control**

19 degree Source 4	50
26 degree Source 4	30
36 degree Source 4	20
8" Strand Fresnels	25
PAR Source 4	35
Strand Four Cell Flown Cyc Lights	12
(Note that there are no floor striplights)	
Lycian Starklite II Spotlight	1
ETC Expression3 Lighting Console	1

**Circuit Distribution**

3 DMX Repeaters
5 Electrics on Stage with Motor Control – 40 circuits each
Six Motorized 6-Rung Side Light Ladders (3 SL, 3SR) with 6 circuits each
4 FOH Bridges
FOH 1 - 8 Circuits
FOH 2 - 24 Circuits
FOH 3 - 24 Circuits
FOH 4 - 8 Circuits
Stage Floor Circuits
Deck - 18 Circuits (Upstage only)
SR Proscenium Cove - 3 Floor Circuits
SL Proscenium Cove- 3 Floor Circuits
Pin Rail
SR- 9 Circuits
SL- 9 Circuits
Grid 12 Circuits
Pit 4 Circuits

**Sound**

The sound system, controlled by a Mackie 56x3x8 console in FOH position or a Yamaha O3D in the control booth, has a left-center-right speaker configuration with EAW speaker cabinets. A 4-channel surround system powers Renkus-Heinz speakers. There are 4 Renkus-Heinz monitors that are available to provide 4 onstage mixes. Speaker outputs and microphone inputs are distributed throughout the theatre and accessible through the control booth patch bay.

**Outboard**

**EQ**

Ashly EQX 3101	1/3 Octave Graphic EQ
2 Ashly GQX 3102	Stereo 1/3 Octave Graphic EQ

**Effects**

Lexicon MPX 100	Dual Channel Processor
Behringer MDX 1000	Compressor/Limiter
2 Behringer MDX 1200	Compressor/Limiter with Enhancer
Digitech Studio 400	4IN4OUT Multi-effect Processor

**Playback**

Denon CD player  
Tascam 112RMKII single deck cassette player  
Tascam DA-20 DAT machine

**Microphones**

24 Sennheiser lavalier wireless microphone system with tan or black microphones, with individualized Sabine Feedback Suppression  
2 Sennheiser wireless handheld microphones  
6 Shure Sm-81 condenser microphones  
2 Shure Sm-58 dynamic microphones  
2 AKG C547 BL stage floor microphones  
6 Atlas round base boom microphone stands

**Communication**

We use a typical two channel Clearcom intercom system that connects the Control Booth, Sound and Lighting positions, Backstage, and Followspot positions. When needed, the Green Room and dressing rooms can be patched into the system. There are additional ports available throughout the venue. At present we have 10 belt packs and 10 headsets. There are also 2 wireless belt packs.

There is a Paging System that addresses the Green Room, Dressing Rooms, and all backstage hallways.

**Video**

Video ports are located throughout the theatre, dressing rooms, and Green Room. Custom routing is available in the Control Room patch bay. There is one b&w stage monitor camera or one infrared camera on the rear FOH catwalk with monitors in the Green Room, Technical office, and Lighting Booth.

## ***Alys Stephens Center***

### **Sirote Theatre Technical Specifications (continued)**

#### **Risers & Platforming**

*(Note :The following stock is shared throughout the venue, primarily in the Jemison Concert Hall. Entire stock may not be available if used in another venue. It is strongly advised to advance with the Technical Director.)* There is a full set of Wenger aluminum and composite risers typically used for orchestral and choral staging. This includes 10 - 6' platforms, 26 - 8' platforms, 1 - 2-step stair unit, 2 - 3-step stair units, and 2 set-ups of various trapezoids for making choir configurations. All legs and step units are in 8" increments, with a max height of 32". There are a full complement of handrails and chair rails available. There are also 8 - Wenger 3-step standing choral risers.

#### **Laundry**

1 Washer and Dryer on stage level

1 Washer and Dryer on pit/basement level

Iron, steamer, and 2 rolling costume racks (hangers not provided).

5/3/2007