



The University of Arizona's Centennial Hall Technical Information

Theater and Box Office

Centennial Hall

1020 East University Blvd.

P.O. Box 210029

Tucson, Arizona 85721-0029

Stage Door and Loading Dock

Entrance off of South Campus Drive

Box Office 621-3341

Box Office Fax 621-8991

Back Stage 621-5038

Back Stage Fax 621-0801

Administration

UApresents

888 North Euclid

Room 203

P.O. Box 210158

Tucson, Arizona 85721-0158

Phone: 621-3364

Fax: 621-5753

Centennial Hall Staff

(All #'s are area code 520)

Director of Ticketing

Artist Relations Coordinator

Director of Production Services

Assistant Technical Director

Assistant Technical Director

House Manager

Ana Maria Acuna

Aspen Green

Gary Lotze

Teri McGill

Mike Reinhard

Tadj Hodges

621-5532

621-1249

621-5481

626-7732

307-3542

626-4591



2010-2011

General Information

Centennial Hall is managed by **UApresents**, the largest arts presenter in Southern Arizona. The Hall has served as the venue for every type of performance imaginable—touring Broadway shows, major dance companies, orchestras, popular music, and cutting edge contemporary performances have all played at **Centennial Hall**, as well as local Tucson arts groups and promoters and performances sponsored by the University of Arizona’s colleges.

Centennial Hall is a 2,526 capacity performing arts auditorium located on [The University of Arizona campus](#), constructed in 1936 and designated a historical facility. Extensive interior renovation occurred in 1984 including re-decoration of the lobby, addition of a dressing room wing to the backstage area, expansion of the stage, creation of a loading dock and shop area, and addition of a new grid and double purchase counter weight system. Recent additions to the technical systems at Centennial include a new sound system, new lighting and control, new soft goods, and improved acoustics. In short, **Centennial Hall** offers the charm and character of a historic building, but is a fully functioning, "state of the art" performance venue.

Seating Capacity

Orchestra	1728	10 Wheel Chair seats in orchestra section
Balcony	736	
Pit	62	
TOTAL	2526	

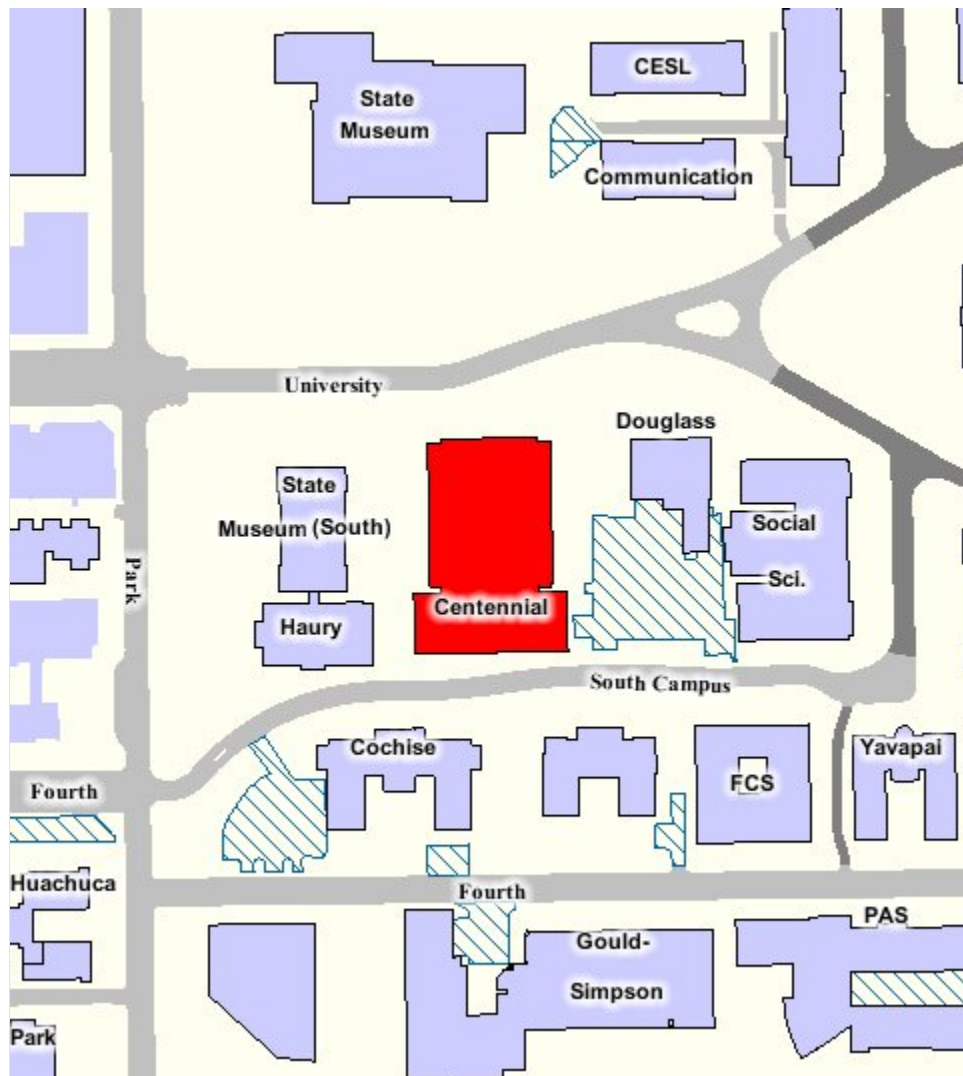
Wheel chair accessibility conforms to the American Disabilities Act. The House can be entered via a chair lift from the lobby and by ramp from House right and left vestibules.



Parking

Parking at **Centennial Hall** is limited to the available campus lots by special permit only, Monday through Friday, 7:00 a.m. to 8:00 p.m. Special arrangements must be made through UA Parking and Transportation Services. Located on the east side of the Hall is a 48-space lot (Lot #5075), which can accommodate up to three 48-foot trucks. This lot is the designated handicapped parking area for this section of campus and must be **reserved in advance** for an event. On weekends, parking is free in many campus parking lots within four blocks of the Hall.

[U of A Parking map](#)



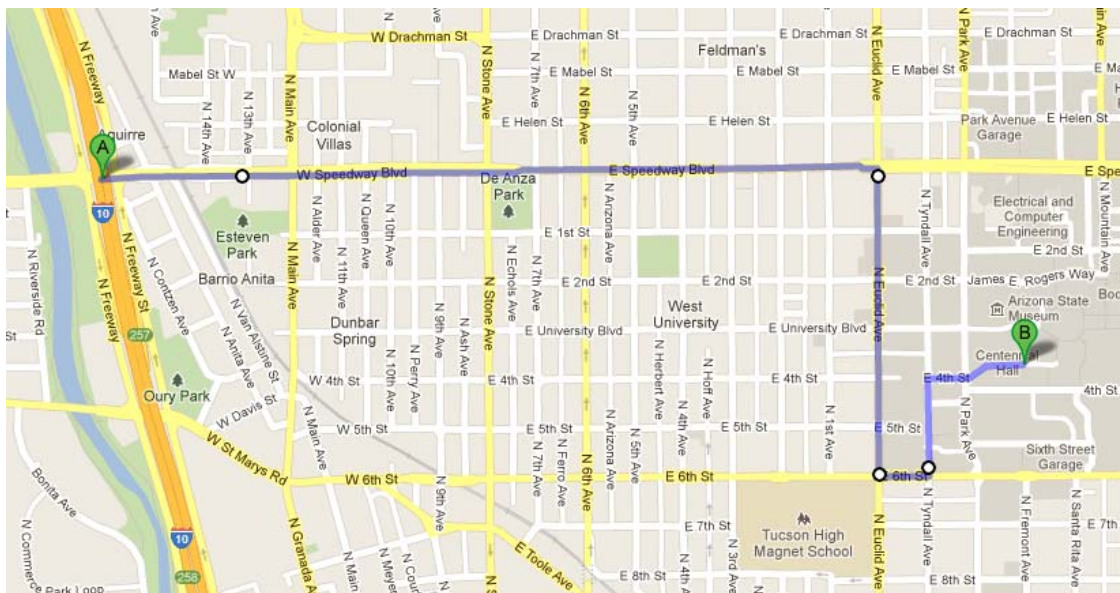


Directions to the Hall

(Please note there is construction near campus, so please be aware of any current road closures)

Directions coming from West (from I-10 eastbound): Exit SPEEDWAY BLVD. At the light make a left under the overpass onto SPEEDWAY BLVD. Turn right on EUCLID AVE. Make a left on 6th STREET. Take the first left onto TYNDALL AVE. Continue to the second stop sign and make a left onto FOURTH STREET which will turn into SOUTH CAMPUS DRIVE. The next stop sign is the intersection of SOUTH CAMPUS and PARK. After the intersection, the first parking lot on the left is the backstage entrance to Centennial Hall.

Directions coming from East (from I-10 westbound): Exit SPEEDWAY BLVD. Go through the first light. At the second light make a right under the overpass onto SPEEDWAY BLVD. Turn right on EUCLID AVE. Make a left on 6th STREET. Take the first left onto TYNDALL AVE. Continue to the second stop sign and make a left onto FOURTH STREET which will turn into SOUTH CAMPUS DRIVE. The next stop sign is the intersection of SOUTH CAMPUS and PARK. After the intersection, the first parking lot on the left is the backstage entrance to Centennial Hall.



Staffing Information

House production staff consists of trained University of Arizona students and non-student Theater Technical Assistants that are supervised by a full-time Director of Operations and two Assistant TDs.

"Yellow-Card" event crews are members of [I.A.T.S.E.](#), Local #415, AFL-CIO. Business Agent can be reached at (520) 882-9126.



House Dimensions

Proscenium Opening

Width	58'
Height	25'9"

Selected Measurements

Proscenium to Up-Stage Wall	45'11"
Stage Right Wall to Stage Left Wall	109'
Center to Stage Right Wall	54'8"
Center to Stage Left Wall	54'4"
Floor to Gridiron (bottom)	64'
Floor to Roof	73'
Batten Travel	54" in 61'out

Apron/Orchestra Pit

Proscenium Line to Lip, Pit at Stage Level	19'
Proscenium Line to Lip, Pit Down	5'4"
Apron Width	62'
Proscenium Line to Sound Booth	110'
Proscenium Line to Light Booth	160'

Apron Dimensions

Pit Up	62' x 19' Arcs to 5'4" Left & Right
House Access	Removable Stairs Stage Left & Stage Right
Lift Dimensions	45' x 12'9" Arcs to 5'
Pit Dimensions	45' x 19'
Pit Depth	13' 7"
Lift Capacity	25,000 Lbs.

Note: The Apron/Orchestra Pit is "fan-shaped" . Most of the apron is "floating" and can be adjusted via motorized screw jacks to any level.

Loading Dock

Location	Stage right at stage level
Door Width	12 Feet
Door Height	10 Feet
Distance from Stage	32 Feet

Note: The Loading Dock truck ramp is pitched at a severe angle. Wheel blocks are available to assist in loading and unloading trucks. Additional personnel are usually required at the load out. The loading door is the smallest opening between the dock and stage. Trucks can also be unloaded via ramps from the parking lot area and into the building through the stage door (8' x 8'). The stage door is 20 feet from the stage. This method of unloading is useful for smaller road boxes, wardrobe racks and prop bins, but is not recommended for scenery.



Carpentry Information

Stage Floor

A flat semi-sprung, dance surface, tongue and groove 5/8" maple, sprung on 2" sleepers with 1/2" Neoprene padding, was installed in 1993. The floor is 109' x 45'11", painted black, and is **not trappable**. Any lagging into the deck must be pre-drilled.

A Rosco or Harlequin dance surface is available in black, gray and white.

Fly Rail

Type: **Double Purchase**

Pin Rail (Stage Right).....	25'6" above stage level
Loading Gallery	57' above stage level
Available Weight.....	30,000 lbs.
Number of Line Sets.....	52
Available Line Sets.....	41
Batten Length.....	78'
Batten O.D	1 .5"
PL to First Line	3' 4"
PL to Last Line	42' 5"
Last Line Set to Wall	3' 5"
Maximum Pipe Weight Per Line	900 lbs.

Soft Goods

Type	Size	Color	Pipe #	Comment
Grand Valance	14'x 80'	red	#1	permanent
Grand Drape	30'x 80'	red	#2	permanent
Traveler	30'x 80'	black		movable
Black-Out (with fullness)	30'x 80'	black		movable
Black-Out (flat)	30'x 80'	black		movable
Cyclorama	30'x 80'	natural		movable
Twin white front and Rear projection screen	30'x 70'	white		movable
Scrim (black)	30'x 60'	black		movable
Scrim (white)	30'x 60'	white		movable
Legs (five pair)	30'x 16'	black		movable
Borders (five)	14'x 80'	black		movable

The Main Drape is manually operated and can be traveled or guillotined. Traveling must be done at deck level, and guillotining can only be done from the pin rail. **Although the house is double purchase, the Valance is single purchase.**



Line-Set Schedule

Number	Item	Location (from PL)	Comment
00	Fire Curtain	03"	permanent
01	Grand Valance	11"	permanent, Single Purchase
02	Grand Drape	1' 8"	permanent
02A	Screen	2' 06"	permanent
03	Empty	3' 03"	
04	1st Electric	4' 03"	semi-permanent
05	1st Ceiling	5' 00"	permanent
06	Empty	5' 11"	
07	Empty	6' 09"	
08	Empty	7' 06"	
09	Empty	8' 03"	
10	Empty	9' 00"	
11	Empty	9' 09"	
12	Empty	10' 05"	
13	Empty	11' 01"	
14	Empty	11' 09"	
15	2nd Ceiling	13' 02"	permanent
16	2nd Electric	14'10"	semi-permanent
17	Empty	15' 07"	
18	Empty	16' 03"	
19	Empty	16' 11"	
20	Empty	17' 07"	
21	Empty	18' 03"	
22	Empty	18' 11"	
23	Mid Stage Traveler	19' 07"	semi-permanent
24	Empty	20' 04"	
25	3rd Ceiling	21' 02"	permanent
26	3rd Electric	22' 08"	semi-permanent
27	Empty	23' 06"	
28	Empty	24' 05"	
29	Empty	25' 03"	
30	Empty	26' 02"	
31	Empty	26' 08"	
32	Empty	27' 10"	
33	4th Ceiling	28' 10"	permanent
34	Empty	29'10"	
35	Empty	30' 07"	
36	Empty	31' 02"	
37	Empty	31' 09"	
38	4th Electric (or Cyc Elec)	32'10"	
39	Empty	34' 00"	
40	Empty	34' 10"	
41	Empty	35' 10"	
42	Empty	36' 02"	
43	Empty	36'10"	
44	Empty	37' 6"	
45	Empty	38' 2"	
46	Empty	38'10"	
47	Empty	39' 6"	
48	Empty	40' 4"	
49	Empty	41' 1"	
50	Empty	41' 9"	
51	Empty	42' 5"	



Electrical Information

Road Show Power

- Main Box 600 amps, three phase service located off down stage right, within 60 feet of center stage and the loading dock
- Peripheral 300 amps, three phase service located off stage right next to main power box.
- Sound Box 300 amps, three phase service located off down stage left, 50' from center.
- Shop Box 400 amps, three phase service located in storage area 30' from up stage center doors

The Peripheral and Sound Boxes also have an assortment of pre-wired outlets for 110 or 208 volt devices as well as buss bars and lugs. All power services have separate feeds.

Note: All services share the same neutrals buss, the sound service has a water pipe ground.

If a power hook-up is required, *Centennial Hall* must be notified at least forty-eight hours before the requested hook-up time. Hook-up and disconnect must be performed by a University of Arizona electrician for which a service charge is assessed. **Without advance notice hook-up at the requested time cannot be guaranteed.**

Lighting System

- Control [Electronic Theatre Controls](#) Congo Jr. **or**
[Electronic Theatre Controls](#) Expression 3
- Dimmers Strand Century CD80 192
2.4 KW dimmers
Located in dimmer room off stage right
Upgraded with Johnson System CD3000 Retrofit Control System
- ETC Sensor 192
2.4 KW dimmers
Rolling racks primarily located stage right
- 384 total 2.4 KW Dimmers
- House Lights Controlled through the light board or stage manager's console



Permanent Circuit Distribution

3rd AP Cove	Main Front light position total 30 circuits #'s 1 - 30
2nd AP Cove	Some architectural difficulties hitting upstage in center of position total 30 circuits #'s 31 - 60
1st AP Slot	Primarily used for orchestra shell "eyebrow", virtually useless for stage lighting total 12 circuits #'s 61 - 72
SR Box Boom	total 6 circuits #'s 73 - 78
SL Box Boom	total 6 circuits #'s 79 - 84
1st Electric	30 circuit drop box total 30 circuits #'s 85 - 114

All other positions utilize an inventory of 3,000 feet of multi-conductor cable and six (6) circuit Socapex fan-outs. All permanent circuits run through the Strand racks.

Instruments

Type	Total	Capacity
ETC Source 4 50 deg.	08	(barrel only)
ETC Source 4 36 deg.	50	750w
ETC Source 4 26 deg.	50	750w
ETC Source 4 19 deg.	32	750w
ETC Source 4 10 deg.	10	750w
ETC Source 4 PAR	120	575w
6x22	08	1K
6x16	20	1K
6x12	08	1K
6x9	12	1K
PAR64	45	1K
6" Fresnel	20	1K
Cyc Strips (3:cell)	07	1K
Altman ground cyc (1:cell)	30	1K

Follow Spots

Xenon Super Trooper.....	3
Lycian Midget HP.....	2

Super Trooper Follow Spots are located in the lighting control booth, 12'x 20', located at the rear of the balcony, center section, 160' from the plaster line at center. The throw angle is very flat at 12-20°, spill is unavoidable. **The Super Troopers do not leave the lighting control booth.** Lycian Midget Follow Spots are located in the Third Ante-Pro lighting position.



Sound Systems

Mixing Desk	Yamaha PM5-DRH or Midas XL200 48x8x8
Amplifiers	Lab.gruppen FP7000
Processor	EAW UX8800
FOH PA	EAW KF730 Series line arrays, 11 modules flown left and right EAW SB730 subwoofers, 4 units on the deck left and right
Front fills	EAW JF80 compact loudspeakers (6 units)
Monitors	EAW MicroWedge 15-in Coaxial Monitor (8 units)

Reproduction Devices

- Nakamichi MR-1 Stereo Cassette Recorder
- Denon Compact Digital Disk Player
- Denon Mini Disc Player / Recorder
- Marantz CD Player / Recorder

Microphones

Earthworks SR71 1	EV RE20s 1
Earthworks QTC1 2	Crown PCC160s 3
SM58 6	AKG 300Blue Lines..... 4
SM57 2	Crown pzm..... 1
Beta 58 7	Sennheiser 421 5
Beta 57 5	Shure ULX2 58 4

Communications

The Clear-Com two-channel system is wired to all booths and technical areas. The main power supply is located in the sound booth. The building page and show programs are available to all dressing rooms, green room, booths, and other technical areas.

<i>Clear Com</i>	
Belt packs	10
Head sets.....	10



Signal Processing

Yamaha SPX-1000 Digital Multi-effects Processor	2
Yamaha REV-5 Digital Reverberation Processor	1
Yamaha REV-1 Digital Reverberation Processor	1
DBX 160 Comp-limiters	2
Klark Technic DN360B Dual Channel Graphic Equalizer	3
Dramer Comp-limiters.....	4
BSS OmniDrive.....	1

Portable Sound System

The system is self contained in a mobile rack, and consists of the following:

QSC Two-channel Amplifier	1 each
Technics Dual Cassette Recorder	1 each
Magnovox CD Player	1 each
Shure Six-Channel Mixer	1 each

Assisted Listening System

Centennial Hall has installed an Assisted Listening (Hearing Impaired) System which utilizes infrared technology. The User Group **must** provide a line level output feed for the Assisted Listening System to comply with requirements of the American Disabilities Act.



Orchestra Shell

The Wenger "Custom" Orchestra Shell with ceiling is designed to carry the Hall's architectural elements to the stage. The shell is steel framed molded fiberglass, painted white, and is 1,750 square feet. The performers can access the stage via three (3) doors at Stage Right and Left.

Orchestral Support

Wenger Black Student Chair	140 each
Wenger Black Padded Musician Chair	30 each
Wenger White Molded Chorus Chair	60 each
29" Wooden Stool	6 each
Adjustable Stool (wooden seat, black legs)	6 each
Wenger Conductor/Percussionist/ Bassist Chair	4 each
Wenger Black Music Stand	120 each
4' x 8' x 8" Orchestral Riser	6 each
4' x 8' x 16" Orchestral Riser	6 each
4' x 8' x 24" Orchestral Riser	6 each
4' x 8' x 32" Orchestral Riser	6 each
Wenger 2-step Conductor's Podium	1 each
Music Stand Light (40 watt/clip on)	60 each
Music Stand Light (LED, battery or AC)	30 each

Pianos

Steinway 9' Model D Concert Grand	1 each
Kawai Studio Upright	1 each
Kawai Baby Grand (Green Room only)	1 each



Event Support

Oak Lectern	2 each
Black Lectern	1 each
Pipe and Drape (10' sections)	10 each
6' Prop Table	10 each
8' Prop Table	5 each
White Table Cloth	12 each
Black Table Skirt	4 each
Pink Parlor Chair	16 each
Washer	4 each
Dryer	4 each
Ironing Board	2 each
Iron	2 each
Steamer	3 each
Wardrobe Rack	10 each
30' A-frame Ladder (on wheels)	1 each
30' (platform - 36' working) DC Genie Lift	1 each

Dressing Rooms

Four (4) *Star* dressing rooms located at stage level. A telephone line is installed in one of the *Star* dressing rooms.

Two (2) *Chorus* dressing rooms, which can accommodate 30 people in each, are located on the second floor. The second floor dressing rooms can be accessed by stairs or an elevator stage right.

One *Chorus* dressing room can be divided in half. All dressing rooms are equipped with mirrors, lights, wash basins, clothes racks, convenience outlets, toilet facilities, showers and make-up tables. Drinking water is available throughout the facility.