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CENTENNIAL THEATRE

In brief...

The Centennial Theatre is an Elizabethan inspired venue equipped with a stage elevator doubling as an extendable thrust. Its wide array of sight lines and natural sound dispersion make the Centennial Theatre an ideal venue for acoustic musical and theatrical performances.

Seating

The auditorium contains 550 seats displayed in a 170° amphitheatre. All seats are upholstered and numbered. Up to sixty (60) extra chairs can be added in the orchestra pit provided that the stage elevator/thrust is lowered to the auditorium level. The maximum capacity of the Centennial theatre is of 650 people.



The Centennial Theatre with its extended thrust

Stage Dimensions

The Centennial Theatre features a 5 ft. deep apron plus a stage elevator that, if raised to stage level, can act as a thrust increasing the play area by another 12 ft. the stage is 60 ft. wide and 37 ft. behind the proscenium wall. Once all curtains and wing space are considered, the stage offers a practical play area of about 36'0" x 36'0". All surfaces of the stage, elevator and orchestra pit are covered with 1/4" tempered Masonite painted in black

Stage Elevator

The Centennial Theatre features a counter-weighted stage elevator that can be used as a thrust, when needed. Please note that the stage elevator may not run during a performance and must be parked at audience or stage level prior to any presentation.

Stage Dimensions:

From plaster line to upstage wall:	37'0"
From plaster line to downstage edge:	5'0"
From plaster line to downstage edge (elevator up):	17'0"
From center line to fly cage (stage left):	26'3"
From centerline to stage right wall:	30'0"
Free height under galleries:	22'0"
Free height under grid:	50'0"
Free height under pipes:	44'0"
Proscenium arch:	19'6" H x 40'0" W*
Tormentors can reduce proscenium opening down to 29'0"	

Stage Elevator Dimensions:

Depth:	12'0"
Width (upstage edge)	44'0"
Width (downstage)	36'0"

Access to the Stage

Equipment can be loaded on the stage through the theatre's scenic workshop, which directly accesses the stage from stage left. The loading door, workshop and stage are all on the same level.

Loading door dimensions: 7'0" W x 8'6" H

Workshop doors dimensions: 10'0" W x 14'0" H

Dressing Rooms

The Centennial Theatre is outfitted with three dressing rooms respectively accommodating up to 25, 20 and 3 artists. All dressing rooms are fully equipped with vanities, washrooms and showers. Note that the dressing rooms are one level lower than the stage and may only be accessed via stairs. Dressing rooms are accessible from stage right. An iron and ironing board may be provided upon request.

Green Room

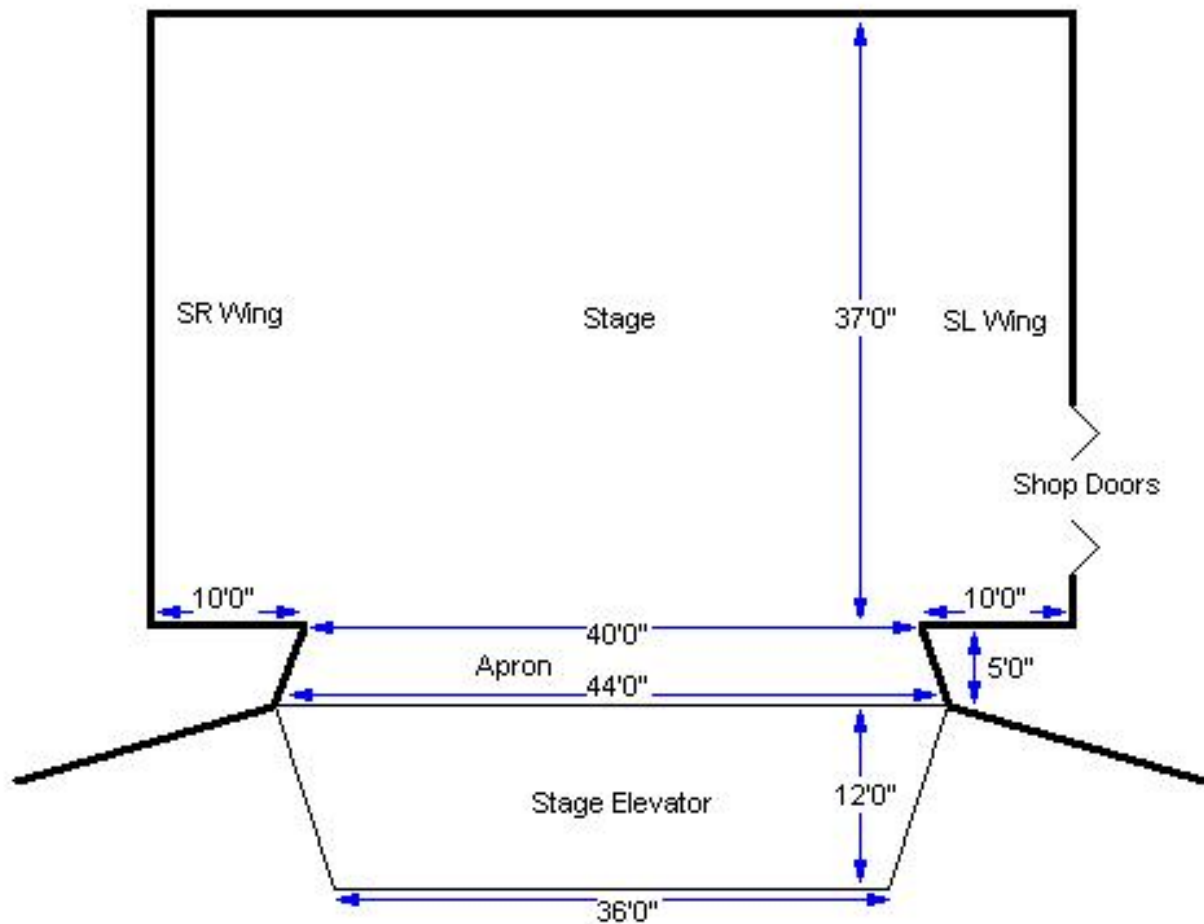
Guests of the Centennial Theatre have access to a green room on the same level of the stage. The green room can accommodate a dozen people and is equipped with a kitchenette, including refrigerator and microwave oven.

Laundry

Guests of the Centennial Theatre may be granted access to the Bishop's University Drama Department's washer and dryer with wardrobe person's permission. The Drama Department has priority of the laundry facilities. Renters of the theatre must provide their own detergent/softener.

Ventilation

An air conditioning/ventilation system furnishes the stage, dressing rooms and green room.



BASIC INVENTORY

Centennial Theatre detains the following equipment inventories. Use of these inventories is included in the venue's rental fees.

MASKING AND SOFT GOODS

With the exception of the burgundy main curtain, all masking elements of the Centennial Theatre are composed of black, fire-retardant velour. None of the legs and borders are weighted, with the exception of the pleated border matching the traveller. All masking elements are hung on counterweighted battens and may fly if necessary.

INVENTORY

#	Description	Dimensions
MAIN CURTAIN		
1x	Burgundy velour, 100% fullness. Flies and travels	Two sections of 22'0"H x 20'0"W
TORMENTOR		
1x	Rigid panels, black velour coating	Two panels of 21'0"H x 11'6"W
TEASER		
1x	Flat black velour	10'0"H x 44'0"W
BORDERS		
5x	Flat black velour	10'0"H x 44'0"W
1x	Black velour, 50% fullness	10'0"H x 44'0"W
LEGS		
5x	Flat black velour (pair)	24'0"H x 8'0"W
TRAVELLER		
1x	Black velour, 50% fullness	Two sections of 23'6"H x 20'0"W
BACKDROP		
1x	Flat black velour	23'6"H x 46'0"W
CYCLORAMA		
1x	White vinyl	27'0"H x 44'0"W
SCRIMS		
1x	White shark tooth scrim	24'0"H x 44'0"W
1x	Black shark tooth scrim	24'0"H x 44'0"W
GERMAN MASKING		
4x	Flat black velour, travels on tracks	24'0"H x 20'0"W

FLY SYSTEM

The Centennial Theatre's fly system consists of thirty-one (31) manually operated counterweighted battens, three (3) circuited lighting pipes run by electric motor winches and one (1) adjustable teaser, also motorized. The Centennial Theatre's main curtain possesses its own manually operated counterweighted batten in addition to the 31 lines comprising the fly system. All battens are composed of double 1½" diameter steel pipes. All battens are 48'0" long, offset 2'0" stage left to allow for the fly system's cage (22'0" from centre to stage right and 26'0" from centre to stage left).

Operation

All counterweighted battens are manually operated from the operating gallery situated stage right. The main curtain is operated from the deck stage left. The control unit for the electrically run battens is situated at deck level stage right.

Loading

Counter-weighted battens may be loaded with 10kg (22lbs) or 20kg (44lbs) weights. The maximum load is of 550 kg (1220 lbs) for the manually operated counterweighted battens and of 1000 kg (2200 lbs) for motorised pipes. Single loads cannot exceed 160 kg (350 lbs) in either case.

#	Distance from plaster line	Standard Hang	Notes
Tormentors	0'-0"		Rigid panels, coated with black velour.
Fire Curtain	1'0"		
Main Curtain	2'0"	Main Curtain (100% fullness)	Burgundy velour. Flies and travels.
Teaser	3'0"	Border	Run by electrical winch, soft black velour.
1 st Electric	4'8"		Run by electrical winch, 32 circuits available
#1	6'2"		Double purchase.
#2	6'10"	Border	Double purchase.
#3	7'6"	Legs	Double purchase.
#4	8'2"	Projection Screen	Double purchase. Cannot be moved.
#5	8'10"	Border	Double purchase.
#6	9'6"		
#7	10'2"		
#8	10'10"		
#9	11'6"		
#10	12'2"		
#11	12'10"	Border	
#12	13'6"	Legs	
#13	14'2"		
#14	14'10"		
#15	15'6"		
#16	16'2"		
#17	16'10"	Border	
#18	17'6"	Legs	
2 nd Electric	18'6"		Run by electrical winch, 26 circuits available
#19	20'2"		
#20	20'10"	Border (50% fullness)	
#21	21'6"	Legs	
#22	22'2"	Traveller (50% fullness)	Flies and travels. Cannot be moved
#23	22'10"		
#24	23'6"		
#25	24'2"		
#26	24'10"	Border	
#27	25'6"	Legs	
3 rd Electric	27'2"		Run by electrical winch, 14 circuits available
#28	29'10"		
#29	31'2"	Border	
#30	32'6"	Backdrop	
#31	33'10"	Cyclorama	

SOUND

The Centennial Theatre's PA system consist four (4) Kling & Freitag 15" speakers (two on each sides), two (2) Kling & Freitag 2x15" subwoofers cabinets and a front fill of six (6) 6" speakers evenly distributed across the stage. The PA is permanently suspended in front of the proscenium arch (7'6" downstage of the plaster line). All these elements can be operated from a stereo signal (balanced at the cross-over) or individually as a 3.1 system. In the later case, two auxiliary sends must be dedicated for the front fill and subwoofer respectively. Note that the front fill and the subwoofers are mono sends in the 3.1 configuration.

Operation

The stage is equipped with a permanent multicable patch of 24 inputs and 4 outputs. The multicable patch is split to receive 12 inputs from the SR panel and 12 other inputs from SL panel. All 4 auxiliary sends are duplicated on each patch panel each side of the stage. All 24 inputs and 4 auxiliary sends rejoin at the sound

mixing stations at the back of the house and inside the sound control booth.

The sound mixing station may be positioned at the back of the house or inside an enclosed sound control booth situated above the public.

SOUND INVENTORY

#	Brand	Model	Description
SOUND SYSTEM			
4x	Kling & Freitag	CA-1515-6	2-way speakers 15" (Main PA)
2x	Kling & Freitag	SW 215E	Subwoofers 2 x 15" (Subwoofers)
6x	Kling & Freitag	CA-106	2-way speakers 6" (Front Fill)
6x	Electro Voice	SxA250	2-way powered loudspeakers (Stage Monitors)
AMPLIFICATION			
1x	L-Acoustic	LA48a	Stereo amplifier for CA-1515-6
1x	L-Acoustic	LA24a	Stereo amplifier for SW 215E
1x	L-Acoustic	LA15a	4-channels amplifier for CA 106
1x	BSS Audio	Soundweb London BLU-16	Active cross-over
CONTROL			
1x	Midas	M32	Digital soundboard; 32 pre-amplified inputs + 16 outputs
1x	Yamaha	DM-1000 v2	Digital soundboard; 16 pre-amplified inputs + 8 outputs
1x	Klark Technic	Square One Graphic	Stereo graphic equalizer
1x	Stanton	S-550	Auto-cue dual CD player
MICROPHONES			
1x	Sennheiser	e602	Kick drum & low frequency response dynamic microphone
1x	Shure	Beta 91	Kick drum half-cardioid condenser microphone
4x	Sennheiser	e604	Snares & Toms dynamic clip microphone
3x	Sennheiser	e914	Wide frequency response condenser microphone
4x	Neumann	KM 184	Wide frequency response condenser microphone
6x	Shure	SM57	Unidirectional dynamic microphone
6x	Shure	SM58	Cardioids dynamic vocal microphone
2x	Shure	Beta 58	Hyper-cardioids dynamic vocal microphone
2x	Shure	Beta 87A	Super-cardioid condenser vocal microphone
1x	Sennheiser	E935	Super-cardioid condenser vocal microphone
ACCESSORIES			
5x	Radial	PRO DI	Passive Direct Injection Box
8x	K&M		Tall boom-arm microphone stand (gray)
2x	K&M		Tall boom-arm microphone stand (chrome)
2x	K&M		Tall telescopic boom-arm microphone stand (chrome)
4x	K&M		Short telescopic boom-arm microphone stand (chrome)

SOUND INVENTORY (continued)

#	Brand	Model	Description
INTERCOM SYSTEM			
1x	Telex	MS-2002	Master Station and Power Supply (with HR-1 headset)
5x	Telex	BP-1002	Belt pack (HR-1 headset)

CABLES AND LINES

- 1x XLR Sub-snake 35' long, 12 in / 4 out
- 1x Multicable patch SR (fixed), 12 in / 4 out*, communicating with FOH patch (inputs 1-12).
- 1x Multicable patch SL (extendable 25'), 12 in / 4 out*, communicating with FOH patch (inputs 13-24).
Enough XLR cables and adaptors for most 24 input shows.

* The same 4 AUX lines are duplicated on the SR and SL multicable patches

LIGHTING

The Centennial Theatre's lighting system is running off a local Ethernet network allowing up to 4 DMX controllers to operate simultaneously on a maximum of 2 DMX universes. The theatre is equipped with 288 ETC Sensor Dimmer Modules of a capacity of 2.4 kW each. Note that Dimmers 277-288 are dedicated for house light control, leaving a total of 276 dimmers available for conventional fixtures.

Circuits

The Centennial Theatre features 276 independent circuits, each connected to one of the ETC Sensor Dimmer Module. All circuits are equipped with new-style 20 Amp twist-lock connectors. Circuits are displayed according to the following:

- 32, 26 and 14 circuits respectively mounted of 3 electric pipes
- 8 drop boxes of 6 circuit each (4 boxes each side of the stage)
- 6 circuits at ground level (3 circuits each side of the stage)
- 150 circuits in FOH

Note that accessories assigned on the first DMX universe must have an address number exceeding 288, or will otherwise conflict with the Centennial's dimmer modules.

Operation

The lighting control station may be positioned at the back of the house or inside an enclosed light control booth situated above the public. Network terminals allow the lighting control board to be stationed virtually anywhere on the stage or in the theatre.

House Lights

The auditorium's ambient lighting can be adjusted from the lighting control board or from a dedicated, independent console. The house light console commands the intensity of six (6) separate zones and may record up to 4 different presets (typically house at full, house at 1/2 and house out).

LIGHTING INVENTORY

DMX Controllers

- 1x Martin M2GO lighting desk with 21" touch screen
- 1x ETC Express 72/144, 2-scene preset programmable lighting console
- 1x ETC DMX nodes
- 2x DMX repeater
- 1x DMX controller for MDG atmospheric effect generator

LED Fixtures

#	Model	Type / Description	Wattage	Notes
24x	Chauvet COLORado 1-Quad Zoom Tour	16–48 degrees zoom RGBW LED fixture	129 W at 1.08 A	
8x	Altman Spectra 100 RGBA LED cyclorama floodlight		100W	

Conventional Fixtures

#	Model	Type / Description	Wattage	Notes
12x	ETC Source 4	19 degrees fixed focus ellipsoidal reflector spot	575 W	
24x	ETC Source 4	26 degrees fixed focus ellipsoidal reflector spot	575 W	
24x	ETC Source 4	36 degrees fixed focus ellipsoidal reflector spot	575 W	
24x	ETC Source 4	25–50 degrees variable focus ellipsoidal reflector spot	575 W	
24x	ETC Source 4	15–30 degrees variable focus ellipsoidal reflector spot	575 W	For FOH only
24x	Strand 3380	6" Fresnel	1000 W	
8x	Strand 3480	8" Fresnel	2000 W	
5x	Ianiro Iris 3	Triple cyclorama floodlight unit	3x 1000 W	
36x	Altman PAR 64	PAR medium	1000 W	

LIGHTING INVENTORY (continued)

Accessories

- 12x wide PAR lamps for Altman fixtures
- 12x narrow PAR lamps for Altman fixtures
- 12x very narrow PAR lamps for Altman fixtures
- 4x Apollo Simple Single gobo rotators for ETC Source 4
- 4x Apollo Smart Color 7.25 color changers (scrollers) for 4½" lamps (ETC Source 4 fixed focus)
- 4x Apollo Smart Color 7.25 color changers (scrollers) adjustable for 4½", 6" and 8" lamps
- 8x Vertical Booms (8'0")
- 8x 12" Boom Arms
- 16x Floor Bases
- 24x Type "B" Gobo Holders
- 24x Barn Doors for 6" Fresnels
- 8x Barn Doors for 8" Fresnels

Follow Spots

- 2x Comet 350W in open or closed booth

Color filters (Gels)

RoscoLux

Atmospheric Effect

- 1x MDG Atmosphere CO²-powered haze generator

OTHER ACCESSORIES

Centennial Theatre also detains the following items:

- 15x Music stands
- 6x Acoustic shell units, 1.6m (5'4") wide by 5m (16'0") high
- 7x 4-step choir riser units, 2m (6'6") wide
- 7x 4'x8' wooden risers, 7" high
- 2x 4'x4' wooden risers, 7" high
- 32x 1m x 2m metal risers, 7" high
- 4x 1m x 1m metal risers, 7" high
- 64x 14" legs for metric risers
- 64x 21" legs for metric risers
- 32x 28" legs for metric risers

NON-INCLUDED EQUIPMENT

Some of Centennial Theatre's equipment is not included in the basic fees. The following items are available for rental at the listed prices, in addition to the venue's rental fees.

#	Description	Fees
4x	Shure SLX series wireless microphones (hand-held, head-set or lavalier)	\$25 / microphone / day \$50 / microphone / week
4x	Martin MAC 700 Profile moving light	\$25 / microphone / day \$50 / microphone / week
1x	Multimedia Projector	\$100 / day \$200 / week
1x	Steinway New-York 9' grand piano ¹	\$120
1x	Dance mat (7 strips, 1,6m (5'4") wide by 10,65m (35'0") long)	\$30

1) Please note that the Steinway piano may be tuned by professional tuners only, at the renter's costs.