

CENTENNIAL THEATRE TECHNICAL RIDER (FULL VERSION)

This is the complete Technical Rider listing the inventories and capabilities of Centennial Theatre. Artists and Producers can expect the following materials in proper working conditions. Only the material covered in this technical rider is part of the Centennial Theatre rental contract – items that do not figure in this document must be acquired by the producer.

CONTACT INFORMATION

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CENTENNIAL THEATRE

In brief...

The Centennial Theatre is an Elizabethan-inspired venue featuring a 12-foot-deep stage elevator doubling as an extendable thrust. With its wide array of sight lines and natural sound dispersion, Centennial Theatre is an ideal venue for acoustic and theatrical performances.

Capacity

The auditorium includes 541 seats displayed in a 170° amphitheatre. All seats are cushioned and numbered. Up to 25 additional chairs may be installed in the orchestra pit to increase the capacity. If the stage elevator is lowered to orchestra pit level, up to 100 additional chairs can be installed instead.

Stage Elevator

The Centennial Theatre features a stage elevator that can be used as a thrust when needed. Note that the stage elevator may not run during performances and must be locked at audience or stage level prior to any presentation.

Sightlines

The Centennial Theatre's wide seating distribution is ideal for presentations taking place downstage of the proscenium arch. For shows presented behind the main curtain, the house's capacity can be reduced to 380 seats to avoid seats with poor sightlines.



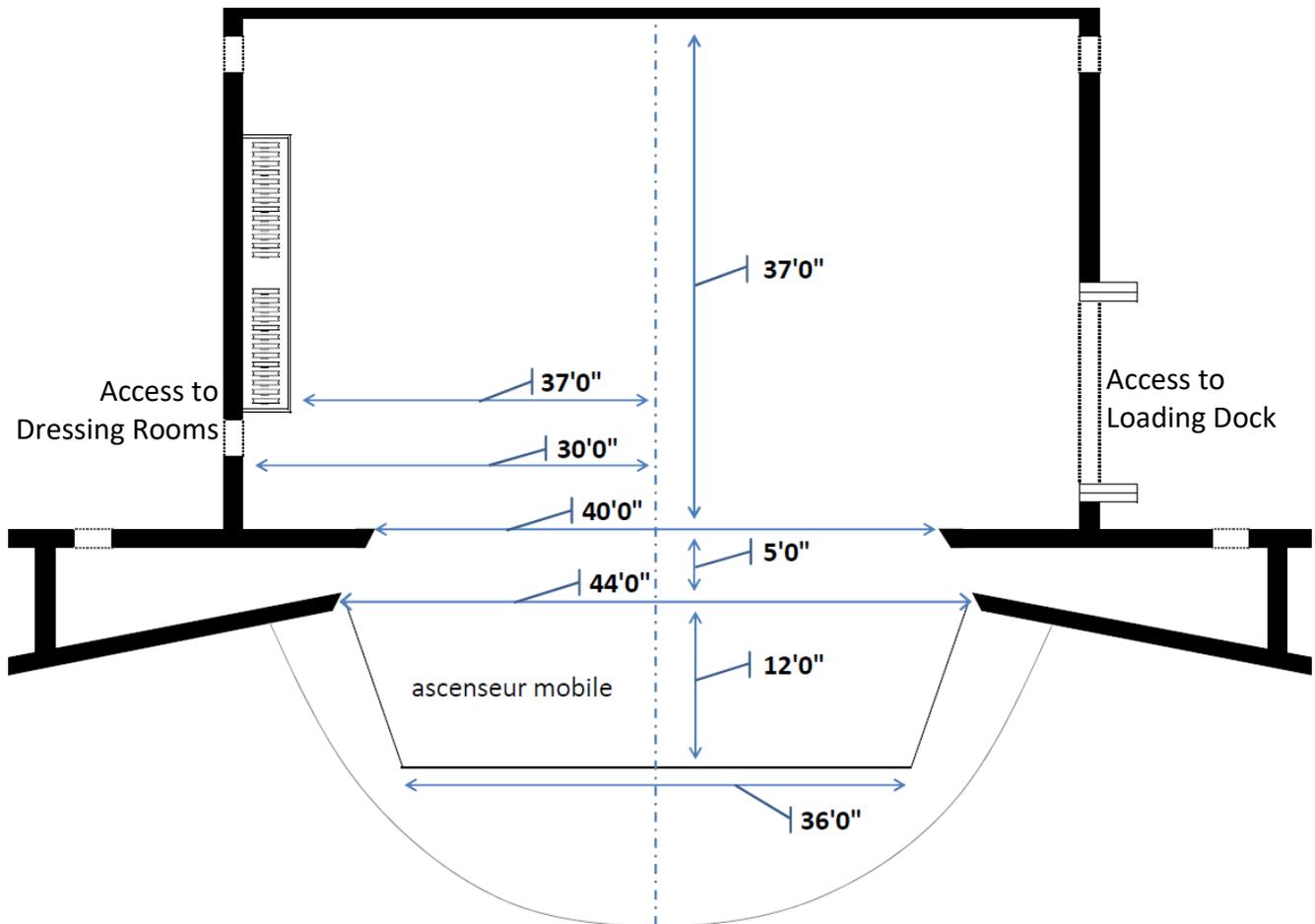
The Centennial Theatre with its extended trust (elevator up)

Dressing Rooms

Centennial Theatre offers 3 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 by stairs. Dressing rooms are accessible from stage right.

Green Room

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



Stage Dimensions

The stage total area is 18.25m (60'0") wide by 11.25m (37'0") deep, in addition to a 1.5m (5'0") deep apron which, with the stage elevator raised to stage level, can be increased to 5.20m (17'0"). Once masking and wing space is considered, the stage offers a practical play area 11m (36'0") wide by 11m (36'0") deep. All surfaces of the stage, elevator and orchestra pit are covered with ¼" tempered Masonite painted in black.

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.

Workshop doors dimensions:	10'0" W x 14'0" H
	3.00m W x 4.25m H
Loading door dimensions:	7'0" W x 8'6" H
	2.15m W x 2.60m H

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. Renters of the theatre must provide their own detergent/softener.

Ventilation

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

MASKING AND SOFT GOODS

Apart from the burgundy main curtain, all masking elements of the Centennial Theatre are composed of black, fire-retardant velour. With the exception of the vinyl cyclorama, legs and borders are not weighted. All masking elements are hung from counterweighted battens and may fly if necessary. Both main curtain and mid-stage traveller fly and travel.

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	Black velour, flat	10'0"H x 44'0"W
BORDERS		
5x	Black velour, flat	10'0"H x 44'0"W
1x	Black velour, 50% fullness	10'0"H x 44'0"W
LEGS (in pairs)		
5x	Black velour, flat	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	Black velour, flat	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	Black velour, travels on tracks	24'0"H x 20'0"W

FLY SYSTEM

Centennial Theatre's fly system consists of 31x manually operated counterweighted battens, 3x circuited lighting pipes run by electric motor winches, and 1x adjustable teaser, also motorized. The main curtain possesses its own set of tracks, in addition to the 31x 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.

Operation

All counterweighted battens are manually operated from an operating gallery situated above the stage-right wing except for the main curtain, which is operated from the deck, stage left. The control unit for the electric battens on motor winches is also situated at deck level, stage right.

Loading

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. <u>Cannot be moved or removed.</u>
#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. <u>Cannot be moved or removed.</u>
#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 consists of two (2) clusters of four (4) JBL VRX932LAP 12" powered loudspeakers and two (2) JBL SRX828SP 18" powered subwoofer cabinets. The PA is permanently suspended in front of the proscenium arch (6'6" downstage of plaster line). Two (2) additional JBL VRX932LAP 12" may be added to the PA.

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 reach the sound mixing station at the back of the house.

SOUND INVENTORY

#	Brand	Model	Description
SOUND SYSTEM			
8x	JBL	VRX932LAP	2-way powered speakers 15" (Main PA)
2x	JBL	SRX828SP	Powered Subwoofers 2 x 18"
1x	BSS Audio	Soundweb London BLU-16	Active Crossover
ADDITIONAL SPEAKERS AND STAGE MONITORS			
2x	JBL	VRX932LAP	2-way powered speakers 15"
4x	Electro Voice	SxA250	2-way powered loudspeakers (Stage Monitors)
2x	JBL	PRX900	2-way powered loudspeakers (Stage Monitors)
OPERATION			
1x	Allen&Heath	SQ7	Digital soundboard; 32 pre-amplified inputs + 16 outputs
1x	Allen&Heath	SQ5	Digital soundboard; 32 pre-amplified inputs + 16 outputs
2x	Allen&Heath	DX168	Digital stage box; 16 pre-amplified inputs + 8 outputs
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
4x	RØDE	M5	Wide frequency response condenser microphone
2x	Sennheiser	e914	Wide frequency response condenser microphone
4x	Neumann	KM 184	Wide frequency response condenser microphone
4x	Shure	SM57	Unidirectional dynamic microphone
4x	Shure	SM58	Cardioid dynamic vocal microphone
2x	Neumann	KK 14	Miniature clip microphone (MC 9 clip for guitar)
1x	Neumann	KK 14	Miniature clip microphone (MC 1 clip for violin)
1x	Neumann	KK 14	Miniature clip microphone (MC 2 clip for cello)
4x	Shure	CVG-18	18" cardioid gooseneck podium microphone
2x	Shure	CVG-12	12" cardioid gooseneck podium microphone
4x	LyxPro	XBM-8	Base for gooseneck podium microphone
4x	Earthworks	DM20	Snares & toms low-profile microphone
2x	United	FET47	Large diaphragm condenser microphone
1x	Neumann	KMS 105	Supercardioid condenser vocal microphone
2x	AEA	QU5A	Active Cardioid ribbon microphone
2x	Sennheiser	E935	Supercardioid condenser vocal microphone
WIRELESS MICROPHONES			
#	Brand	Model	Description
4x	Sennheiser	EW-DX EM2	2-channel receiver base
6x	Sennheiser	EW-DX SK	Bodypack transmitter
6x	Sennheiser	EW-DX SKM835	Handheld cardioid microphone
6x	Sennheiser	HSP4	Neckband condenser cardioid microphone for SK bodypack

ACCESSOIRES

5x Radial	PRO DI	Passive Direct Injection Box
1x Radial	PRO D2	Passive Stereo Direct Injection Box
2x Radial	PRO AV2	Passive Stereo Multimedia 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)

INTERCOM SYSTEM

1x Telex	MS-2002	Master Station and Power Supply (with HR-1 headset)
5x Telex	BP-1002	Belt pack (HR-1 headset)

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.

House Lights

The auditorium's ambient lighting can be adjusted from the lighting control board or from a dedicated, independent console, situated backstage stage right.

- 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

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:

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
22x	Chauvet COLORado 1-Quad Zoom Tour	16–48 degrees zoom RGBW LED fixture	129 W at 1.08 A	
7x	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 use only
12x	Strand 3380	6" Fresnel	1000 W	
8x	Strand 3480	8" Fresnel	2000 W	
36x	Altman PAR 64	PAR medium	1000 W	

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
- 8x Apollo Smart Color 7.25 color changers (scrollers) for 7¼" frames
- 8x Vertical Booms (8'0")
- 2x Vertical Booms (4'0")
- 12x Floor Bases
- 24x Type "B" Gobo Holders
- 12x Barn Doors for 6" Fresnels
- 8x Barn Doors for 8" Fresnels

Follow Spots

- 2x Altman Comet 350W in open or closed booth

Colour filters (Gels)

RoscoLux

Atmospheric Effect

- 1x MDG Atmosphere CO²-powered haze generator

LIGHTING EQUIPMENT AVAILABLE FOR RENTAL

The following equipment is not included in the Centennial Theatre's basic lighting inventory but are available for rental. The listed prices will be added to the venue's rental and technical personnel fees.

Automated Lighting Fixtures

#	Brand	Model	Description	Rental Fees (per group)
3x	Martin	MAC 700 Profile	Moving head spotlight fixture with CMY colour mixing	\$125 / day* \$250 / week*
4x	Martin	MAC 250 Entour	Moving head spotlight fixture	\$125 / day* \$250 / week*
8x	PR	Pilot 250	Moving head spotlight fixture	\$125 / day* \$250 / week*

* The listed prices indicate the rental cost for all instruments of the same type. These moving lights may not be selected individually or à la carte. Please enquire for availability beforehand.