

Technical Specifications:**Stage:**

A hardwood maple floor, sprung on rubber cushions. No screws, nails, or other fasteners may be used.

Proscenium Opening

Height: 16 ft. Width: 36 ft.

Drapes "in," approx. 36 ft.

Floor Space

House Curtain to Cyc: 31 ft.

House Curtain to front of stage: 13 ft.

Wings: Extend 42 ft. each side.

Height Limits: 16 ft. 10 in. per side.

Loading Access:

- Enter from 23rd Street, on east side of the Theatre.
- Dock height: 3 ft. 3 in. (.99M)
- Dock width: 14 ft. 9 in. (4.49M)
- The loading dock is at STAGE LEVEL.

Loading Door:

- Height: 12 ft. (3.65M)
- Width: 9 ft. 7 in. (2.9M)

Stage Door:

Located in the same area as loading bay door at the bottom of the driveway on the east side of the theatre. All performers should be directed to the Stage Door.

Dressing Rooms

- Access from Stage Door, below stage.
- Two (2) Chorus Dressing Rooms, each with mirrors, make-up lights, washrooms and shower facilities.
- A separate, lockable Green Room with a couch and tea/coffee facilities is available.
- Two (2) 2-person Star Dressing Rooms adjacent to washrooms. (No facilities inside dressing rooms)

Performance Studio:

30 ft. by 36 ft. sprung hardwood. 12 ft. height. One mirrored wall on the west wall. Black drapes on all walls. The Rehearsal Studio is a flexible space that can accommodate up to 50 people (theatre style) or 95 people standing and is available for rental for special events and receptions, dance classes, etc. It has a small Lighting and Sound system (Details available upon request).

Staffing

Two technical staff will be provided for all bookings. (One technical supervisor + one operating tech)
Additional crew to be discussed and will be provided by the venue at additional cost, or by the renter, at the discretion of the technical supervisors, to operate equipment necessary for the production.
A flyman provided by the venue at additional cost will be required to allow use of the flying equipment during the show.



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Video System (Rental Charges may apply)

Mainstage has 2 Projector options. Both units run through a ROLAND V-60 Switcher/Scaler.

Film Screen (Strong MDI Northview 1.0+ Black Back Non-Perforated 20 ft. x 40 ft. Screen)
{Approx. 19 ft. x 38 ft. Projected Area} - Located Downstage

Cyclorama (Twin-white Rosco Screen)
{Approx. 18 ft. x 30 ft. Projected Area} - Located Upstage

- **Onstage Projector -- Christie DWU851Q (7500 Lumens)**
 - HDMI Preferred (Display Port/VGA possible)
 - Projects to Cyclorama only
 - Connection from Onstage or In Booth available

- **FOH Projector -- Barco F-80 4k12 (12,000 Lumens Laser Source)**
 - HDMI Preferred (Display Port/VGA possible)
 - Secondary HDMI -> SDI for 4K compatible Content (Booth Only)
 - Projects to: Film Screen or Cyclorama



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Stage & Rigging

Fireproofing: Documented proof of fire retardant properties will be required for all cloths brought into the venue before being flown.

Stage Accessories

- Yamaha (C3) 6 ft. Baby Grand. Tuning charges may apply
- 2 @ Lecterns
- 1 @ Conductor's podium
- 66 @ Music stands
- 100 @ Black orchestra chairs
- 6 @ 4 ft. x 8 ft. risers, 8 in. & 16 in. legs available.
- 1 @ Gibraltar Drum Shield
- 7 @ 6 ft. x 33 in. 3-tier Choir Risers, tapered to form an arc.

Fly System:

Centennial theatre is a Double Purchase Fly System operated from SR. A total of 38 Pipes with 14 open for use. Drops or Sets higher than sixteen (16) feet may not fly out completely. This will depend on desired requirements. The distance from the head-steel to the deck is 42 ft. Free Flying Height is 38 ft.

Line Sets:

All empty pipes are 46 ft. long (maximum). Sixteen (16) available throughout (see Hang Plot for positions). Maximum weight allowable on counterweights: 400 lbs. (188.44 kg.)

Winches: LX #1, #2, #2A, and #3 are all on winches, max weight 1200lb.

Stage Draperies:

House Curtain:

Dark Red velour. Manual. Control location: Stage Right. Cannot be flown.

Travelers:

Midstage traveller and Upstage traveller are manually operated from the stage when flown in.

Legs:

Black, 5 sets only. 18 ft. high.

Borders:

Valence: Dark Red velour. 4 ft. high by 40 ft. wide. The other five (5) borders are 6 ft. high by 46 ft. wide. Black.

Cyclorama:

Twin-white Rosco Screen. 22 ft. high by 46 ft. wide. Hung on a rigid frame. Located immediately behind the last traveler.

Audio:

Mixing Consoles

(Mainstage)

- Yamaha DM7 - EX

(Studio)

- Yamaha QL1

Mainstage P.A. System

- 6 @ L'Acoustics ARCS-Focus Mains
- 3 @ L'Acoustics ARCS-Wide Mains
- 4 @ L'Acoustics SB18 Subs
- 6 @ L'Acoustics 5XT Front Fills
- 4 @ L'Acoustics LA4X Amplifiers

Monitors

- 4 @ L'Acoustics X12 Wedges
- 8 @ QSC K12.2 Powered Wedges
- 2 @ QSC K10.2 Powered Wedges
- 4 @ EV SX300 Sidefills (installed)
- 1 @ QSC KS112 Powered Sub
- 1 @ L'Acoustics LA4X Amplifier

Wireless Mics

- 4 @ Shure Handheld ULX Beta 87A
- 6 @ Shure ULX-D Handheld Beta 87A
- 2 @ Shure Headset SM35
- 3 @ Shure DH5T Headset
- 1 @ OST HM-701 Headset
- 6 @ Shure WL185 Lavalier
- 6 @ Shure ULX-D Beltpacks
- 4 @ Shure ULX Receiver
- 3 @ Shure Quad ULXD4Q-G50 Receiver



Microphones

- 1 @ AKG D112 MKII
- 1 @ AKG C451
- 4 @ AKG C1000
- 2 @ AT 4033
- 3 @ AT 4073a
- 6 @ AT 935 Microline
- 2 @ AT Pro37
- 4 @ Crown PCC
- 3 @ Crown PZM
- 2 @ DPA 4099
- 2 @ EV ND-408
- 1 @ EV RE-20
- 2 @ RODE NT5
- 2 @ Sennheiser e945
- 6 @ Sennheiser e604
- 1 @ Sennheiser e609
- 3 @ Sennheiser 421
- 1 @ Sennheiser 441
- 6 @ Shure SM58
- 1 @ Shure SM58S
- 5 @ Shure Beta 58
- 7 @ Shure SM57
- 1 @ Shure Beta 52a
- 1 @ Shure Beta 91a

Additional Equipment

- Yamaha RiO 3224-D3 Stagebox
- Clear-com DX310 Wireless Com
- Clear-com MS-704 Base Station
- Denon DN-300Z Multimedia/CD Player
- 3 @ Guitar Stands
- 1 @ Keyboard Stand
- Assorted tall, short, straight, & boom stands
- 6 @ Countryman Active DI
- 4 @ Cable Factory P-1 Passive DI
- 4 @ PDB Dual Passive DI
- 1 @ Radial Pro AV2 Multimedia DI
- 1 @ Radial J48 Stereo Active DI
- 1 @ Radial Pro DI Passive DI



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Lighting:

Lighting Console:

ETC Gio 4K

ETC EOS 40 Ch. Fader Wing

Dimmers

ETC Sensor dimmers:

1 - 6 2.4 Kw

7 - 114 1.8 Kw

115 - 175 2.4 Kw

193 - 204 6 Kw

10 Circuits (177, 178, 181, 182, 183, 184, 187, 188, 189, 190) have 20A Relays fitted to power the LED fixtures.

All dimmed outlet connectors are 3-pin 20A Stage Pin.

Auxiliary Power - An electrician will be required at additional cost to connect to any of the below services from gutter box upstage right:

- 200 Amps. Three phase.
- 60 Amps. Three phase.
- 60 Amps. Three phase.

From gutter box downstage left:

- 100 Amps. Three phase. Isolation transformer. Audio only.

The Theatre does not have power distribution or tails for these supplies.

Trim Height

Lighting Pipes above stage, trimmed at 18 ft. 6 in. All lighting pipes except Cyc. lighting are on winches.

Access

Access to overhead onstage is via a Genie GS1930 Scissor lift. Only Theatre Technical Staff may operate the lift. Assorted ladders are also available for other access tasks.

House Plot – (The House Lighting and Fly Plots are available upon request.)

The existing House Plot has been designed to include area lighting, colour washes, and several specials. Changes to this plot must be restored at the end of the rental as part of the contracted hours.



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Centennial Theatre Lighting Inventory

Note: All dimmed connectors are 3-pin 20A Stage Pin. Hard power on U Ground.

House Hang Fixtures

- 1 @ 14° Source 4 Ellipsoidal
- 2 @ 19° Source 4 Ellipsoidal
- 18 @ 26° Source 4 Ellipsoidal
- 36 @ 36° Source 4 Ellipsoidal
- 19 @ 50° Source 4 Ellipsoidal
- 12 @ 15° / 30° Zoom Source 4 Ellipsoidal
- 8 @ 36° ColourSource DB Spot
- 14 @ ColourSource DB Pars (Medium)
- 5 @ Showline SL Bars 640 (Cyc. Lights)

Moving Lights

- 2 @ Ayrton Mistral-Si 300W – 8000K LED Spot (Flown Upstage)
- 2 @ Ayrton Mistral-Si 300W – 8000K LED Spot (Ground)
- 2 @ Ayrton Diablo-Si 300W LED Profile (Flown Upstage)
- 2 @ Ayrton Levante-S 300W LED Wash (Flown over Apron)

Lens Tubes - (Est. Spares available)

- 1 @ 70°
- 6 @ 50°
- 9 @ 36°
- 6 @ 26°
- 1 @ 19°

Follow Spots:

- 2 @ Robert Juliat “Foxye” (Located at extreme sides of auditorium)

Accessories:

- 8 @ 3380 Barn Doors
- 8 @ Altman Barn Doors
- 12 @ B Size Gobo Holders
- 1 @ Glass Gobo Holder
- 1 @ Rosco V Haze

Usage of oil-based hazers such as the DF50 is not permitted.