

Technical Specifications Theatre



**The information in this document is subject to change without notice.*

THE SPACE

Area

- 4,640 ft²/1,416 m²

Maximum capacity

- 503 — capacity changes if the mixing board is placed in the audience area
- Spaces for the mobility impaired: 10

Control Booth (sound, lighting and projection)

- The control booth is located facing the stage at a distance of 17.68m (58'); elevation of 6.71m (22').

Access for the Mobility Impaired

- There is an access ramp on the left side of the Theatre, leading from the lobby entrance.

Service for the Hearing Impaired

- Service is available on FM frequencies, broadcasting a continuous signal.
- Receivers are available for users.

Simultaneous Translation

- A permanent booth is available in the control booth.
- A two-language system is available, using an FM frequency.

Piano

- 9' Steinway Concert Grand

Green Room, Dressing Rooms and Wardrobe

- Located at first lower level, all including mirrors, lockers, showers and washrooms. 2 dressing rooms for 4 people; 1 dressing room for 12; 1 dressing room for 8.
- The green room is equipped with a refrigerator and microwave oven (15 people).
- The wardrobe area has an iron and ironing board as well as a washer/dryer.

Stage

- Surface: Three-layer basket weave sprung wooden floor, covered with "black battleship" linoleum.
- Stage opening: Width: 15.8m (51'), Height: 6.3m (20')
- From main curtain to upstage wall: 8.7m (28')
- From main curtain to the front edge of the apron: 5m (16')
- From the centre to the walls stage right and stage left: 12.30m (40')
- Width, not counting right and left wings: 8.77m (28')
- Distance between stage floor and grid: 15.65m (51')
- Distance between front edge of the apron and the projection booth: 18m (58')
- Distance between stage floor and mezzanine floor: 3.48m (12')
- Distance from projection booth to screen: 23.16m (76')
- N.B.: Recommended usable stage area: 12.19 m (40') in width by 9.14 m (30') depth, to the apron. This allows a backstage access of about 1 m (39") in width, depending on required storage capacity.

Dance Floor:

Roscoblack, covers from the back to the edge of the apron — approx. 8m D x 12.31m W (26' x 40')

Loading Dock

- Accessible by a 5 ton or less —backstage, stage left
- Width: 3 m (9' 9")
- Height: 1.21m (4'); the truck cannot exceed 4.19 m (13' 9") in height
- Doors
 - Exterior (garage door)—width: 3 m (9' 9"); height: 3 m (9' 9")
 - Interior (double doors from loading)—width: 2 m (6' 6"); height: 2.05 m (6' 8")

Main Curtain

- The main curtain is equipped with a variable-speed electrical control
- Taupe velour, 225% fullness

Legs

- Black velour: flat
- Upstage: 8.53 m H x 2.43m W (28' H x 8' W)
- Mid-stage: 8.53 m H x 4.13 m W (28' H x 7' W)
- Front of stage: main curtain

Borders

- Black velour: flat
- Upstage: 2.77 m H x 15.38m W (9' H x 50' W)
- Mid-stage: 2.77 m H x 18.46m W (9' H x 60' W)
- Downstage: 2,77 m H x 15.24m W (9' H x 50' W)

Upstage Travellers

- Black velour
- One curtain on curved track and a curtain on straight track, positions are fixed
- Manual operation from stage right
- 2 sections each: 7.85m H x 8 m W (25' H x 26' W)

Cyclorama

- Rosco grey, rear projection — 6.77m H x 11.38m W (22' H x 37' W)

Scrim

- On cyclorama batten: Rosco "Sharktooth scrim", black — 6,77mH x 11.69m W (22' H x 38' W)

Battens

	Description	Type	Distance from down stage	
A	BRIDGE	Electric	3.47m	11'-4"
B	FIRE CURTAIN	Manual/automatic	4.80m	15'-9"
C	HOUSE CURTAIN	Electric	5.00m	16'-5"
D	BLACK, UP STAGE TRAVELLER BLACK CURVED, UP STAGE	Manual	9.30m	30'-6"
E	TRAVELLER	Manual	10.70m	35'-1"
F	CURVED CYCLORAMA POSITION	Manual	10.90m	35'-9"
1	BORDER	Hydraulic (D)	5.40m	17'-8"
2	LX1	Hydraulic (T)	5.60m	18'-6"
3	1st LEGS	Hydraulic (D)	6.10m	20"
4	EMPTY/FREE	Hydraulic (D)	6.40m	21'
5	LX2	Hydraulic (D)	6.80m	22'-4"
6	MID DROP/FREE	Hydraulic (T)	7.10m	23'-3"
7	SCREEN	Hydraulic (T)	7.30m	24'
8	2 nd LEGS	Hydraulic (D)	7.70m	25'-3"
9	EMPTY/FREE	Hydraulic (D)	8.00m	26'-3"
10	LX3	Hydraulic (D)	8.63m	28'-4"
11	EMPTY/FREE	Hydraulic (T)	8.89m	29'-2"
12	BORDER	Hydraulic (D)	9.10m	29'-10"
13	CYCLORAMA	Hydraulic (D)	9.70m	31'-1"

- Total: 13 hydraulic, 1 electrical, 3 manual * **(D) = double-purchase (T) = triple-purchase**
- Maximum load for hydraulic battens: **Double = 567kg (1,250lbs) Triple = 1,134kg (2,500lbs)**

Available (variable) Battens

Battens # 6, 9, 16 and 17

1 or 2 supplementary (the positions of the cyclorama and the mid-stage drop curtain, which can be moved) Variable-speed "Gala" electrical control for all hydraulic battens (stage-right wing)
Electrical control for the house curtain batten (wall mounted stage right and audio and projection booths) Manual winch (can be used with variable speed power drill) of the curved batten for the cyclorama (upstage left).

Battens

- Vary between 10.97m (36') at apron, and 16.76m (55') upstage.
- 2 m (6') extensions for battens at borders and legs.
- Diameter of battens: 5cm (2")

Maximum batten height

- 15.65m (51') and 8.77m (28') — with extensions

Auxiliary power supply

- 3-phase 400A 120/208V power supply at the centre of the backstage wall (Camlock connectors available)
- 3-phase 200A 120/208V power supply at stage right (Posi-Lock connectors)
- Single phase 50A 120V power supply at stage right (Appleton connector)

Technical

The theatre is furnished with permanent technical equipment. We also have a wide variety of portable equipment which can be used in the theatre, depending on availability and the type of event.

Sound

- Permanently installed in control booth
- Behringer X32 digital console
- Denon DN-D4500 double CD player (single play)
- Denon DN-300Z Media player (CD, SD, USB, FM)
- Complete 3.1 sound system (left, centre, right, subs)
- Complete side fill speaker system for onstage monitoring

Permanent Lighting

- Lighting Console: ETC Insight 3 (1536 DMX, 512 channels, 108 faders)
- Follow spots:
 - 2 x Lycian "Midget" (575W HMI) — Position 2 booths, each side of front of house.
- Permanent Lighting Equipment
 - 22 — Source 4 Zoom 15-30 750W (FOH)
 - 12 — Source 4 Zoom 25-50 750W (FOH)
 - 64 — Colortran 40 degrees 1 kW (sides)
 - 33 — Strand 3380 Fresnels 1 kW (with barn doors)
 - 6 — Ianiro 4 circuits 1.5 kW (cyclorama)
 - 15 — ETC S4 FIX Lens (1,2,3)
- Colour filters: Most of the Roscolux colours are available. (Please make sure in advance.) Some LEE Filters colours are also available.

Projection

- Multimedia projector — permanent
- B&K 5.1 audio/visual receiver
- Sony blu-ray player
- Tascam DVD player
- Projection screen
- Distance of screen from projection booth: 23.16m (76')
- JBL 5.1 surround sound system
- Screen : 13.10m (43') W x 5.48m (18') H
- Width, play of adjustable masking: 7.19m (23' 7") to 12.19m (40')
- Height of lower masking, from floor to stage: 0.71m (2' 4")

- Height of projection surface: 5.10m (16' 9")

Communications System
Full Clear-Com system available.





