



New Diorama Theatre Technical Specification  
Revision 5, 2025

## GENERAL

### Dimensions

The theatre can be configured to have different seating capacities by removing or adding the front two rows of seats. This will affect the playing space. Note at full capacity of 80, there the front two rows are on the same level as the stage. While capacity of 69 or 58 is possible, this required discussion at a contractual level in advance, given the significant impact on box office revenue.

Depth	57 Seats	6.2m
Depth	68 Seats	5.5m
Depth	79 Seats	4.8m
Depth	To Fire Corridor	4m (max depth for permanent scenery)
Width		8.15m (US Wall) / 7.3m (DS)

Overall Theatre dimensions (with seating bank retracted): 8.15m x 10.8m at widest point / 7.3m x 10.8m at narrowest point.

Height to bottom of truss 4.7m.

### Masking

Soft Masking:

1 x Rear CYC

SER01	60"IFR STANDARD SERGE BLACK
Size	6 w x 4.68 m drop (6 w = 6 widths = approx 8.7m finished width after seams etc) Vertical Seams
Top	Single Web & Tapes @ 300mm
Side	25mm Hem (turn once)
Base	150gm Lead Tape Pocket

2 x Side CYC

SER01	60"IFR STANDARD SERGE BLACK
Size	Each 3 w x 4.68 m drop (3 w = 3 widths = approx 4.35m finished width after seams etc) Vertical Seams
Top	Single Web & Tapes @ 300mm
Side	25mm Hem (turn once)
Base	150gm Lead Tape Pocket

## Stage

The back wall of the theatre is not load bearing; nothing can be fixed into it.

We generally cannot accommodate any painting or fixing into the theatre walls or floor.

Double-sided tape cannot be used on the floor or walls due to the damage it causes when pulled up. Masking and LX tape can be used, however.

## **Tech Box**

The tech box is on the first floor above the stage, on the stage right side.

Lighting and Sound is now controlled from the back of the auditorium AL but you will still need to power up/down from the tech box. The technician assigned to your fit up will show your team how to Power Up/Down.

There is a video and sound relay in the control room and in the green room.

.DWG Files are available upon request.

## **LIGHTING & ELECTRICS**

### **Lighting Control**

- ETC ION Xe with 20 fader wing
- 4-Way DMX splitter – each output has 3 and 5-pin DMX.  
Dimmers and Power
- 5x Zero88 Beta Pack's - 30 Dimming channels
- 4x 16a Sockets providing hot power to the grid.
- 2x Zero 88 alpha pack's - limited to 13a mains.
- Separate House light dimmer.
- Power in the control room is 4x 63a single phase sockets

- 13a Power available at stage level.  
Lantern Stock
- 14x Selecon Acclaim Fresnel (650w)
- 8x Chauvet Ovation F-415FC Fresnel
- 8x Chauvet P-56FC Parcan
- 8x Stairville LED Flood panel 150 40° RGB
- 2x Equinox RGB Power Batten MKII
- 8x ETC Source Four JR 25-50 (575w)
- 8x Selecon SPX Zoom Profile 25-50 (600w)
- 6x Par64 (various lamps)
- Unique 2.1 Hazer (You must provide Unique Haze Fluid)

## **Sound**

- Behringer X32 Compact
- 2x Yamaha DXR 12 – 12” inch active speaker
- 2x Flying frame with Half coupler
- 1x Alto 15” 1200w subwoofer (under seating bank)
- 2x JBL Control One 2-Way passive speaker

- 1x QTX QA400 power amplifier
- 3x Shure SM58 Microphone
- 30m 8-In/4-Out XLR Stagebox

Please note: The active Yamaha speakers are rigged in our slips position and cannot be moved unless permission is granted.

## **Video**

- Epson EB-735U (7000 Lumen Laser Projector).
- Cat5e over HDMI Extender.

## **Playback**

- Apple Mac Pro 2013, 3.5Ghz 6-Core, 32GB Ram, Running Qlab v5 Pro License. Full bundle LX, Sound and Av

## **Rigging**

- 6x Doughty tank trap.
- 2x 1t Strops.
- Various lengths of scaffold, swivel and fixed scaffold clamps.  
Please note when attaching to the truss **only** half couplers can be used. Scaffold clamps can only be used to attach scaffold poles to each other.

## **Access Equipment**

- 1x 12 Rung Zarges Ladder
- 1x 10 Rung Zarges Ladder
- 2x Medium Fibreglass Site Ladder

## **Loading / Deliveries**

Loading of set and technical equipment is on the same level as the theatre. Please note that we do not have a designated load in/out bay. You will need to load in/out on a single yellow line on Longford Street – please contact [or Ryan@newdiorama.com](mailto:Ryan@newdiorama.com) prior to your get in.

Vehicles usually have to be moved after they are emptied.

Distance is approx. 20m – 40m from theatre depending on van size / access.

## **Access/Parking**

Please note: There is no parking at the theatre. If you have access requirements please contact Ryan.

The specific times that you have access to the spaces, and the spaces you have access to will be outlined in your contract.

## **FACILITIES**

### **Foyer/Cafe**

Visiting companies have the use of the Foyer/Café during hire period, fresh coffee and pastries are available at the café with a 10% discount for visiting companies. Please be aware that the café is open to the public 08:30-17:30 Monday to Friday.

## **Toilets**

We have toilet facilities available FoH and BoH for visiting companies and visitors to use during the day. We have 2x Accessible toilets available. All of our toilets are gender neutral.

## **Green Room**

The green room space is available to all companies in our Theatre and the Garden Studio as well as NDT Staff, please be considerate of others in this space.

Please feel free to use the following:

- Washing machine and tumble dryer.
- Fridge/Freezer and sink.
- Kettle.
- Dishwasher
- Microwave ovens.

The green room must be kept clean by all those who use it throughout your visit. There are plates, bowls, mugs and cutlery available; any NDT items that are used must be washed thoroughly in hot soapy water, or placed in the dishwasher after use.

The fridge is a shared space and is cleared out on a weekly basis, so please label all stored food with a personal and show name so we know who it belongs to.



## **Dressing Rooms**

We have 2 dressing rooms available to companies in our building. Dressing room one is available through the wing in the theatre, dressing room two is available via the green room. Each dressing room is provided with tables, mirror and clothes rail.

Storage space is limited on site, so we encourage companies to store props and costume in the dressing rooms where necessary.

No set, costume or props can be placed in the fire corridor between the two fire exits in the theatre, or in the backstage hallway at any time.

## **Licensing Requirements**

All scenic elements should be constructed from non-combustible material and/or inherently flame-retardant fabrics. Timber scenery should meet Class 1 when tested in accordance with BS 476 pt. 7. Please contact Ryan if you are unsure.

NDT must be informed at least 35 days prior to the get in of the use of any pyrotechnics, smoke effects, fire effects (including candles), e-cigarettes and herbal cigarettes as authorisation will be required. A test firing will be required of all pyrotechnic effects.

All visiting companies will be required to submit a show specific risk assessment 14 days prior to loading into the venue. Any hanging scenic items, Sets and pulley systems must be sufficiently planned and communicated with NDT well in advance to ensure all safety mitigation measures are in place. Please note that Pulley systems can only be operated by stage management as part of a reset and not within the show as the rig is not static.

All accidents, incidents or near misses must be reported to the duty manager at the time it happens.

### **Fire Alarm Isolation**

The theatre has a manual isolation procedure in place for its fire detection system. Before using haze or similar smoke effects, please confirm with the office team or Duty manager that the correct areas are isolated prior to use to prevent an alarm activation. If unsure, please check.

Allocation of an NDT technician will be as per your contract and attached schedule, please refer to that for the specific timings of your agreement.

For any queries, please contact:

[Ryan@newdiorama.com](mailto:Ryan@newdiorama.com) - Ryan Mellish, General Manager

**New Diorama Theatre reserves the right to alter the technical specification of its venue without prior notice or consultation.**