



## **TECHNICAL SPECIFICATIONS**

**September 2023**

## TECHNICAL CONTACTS

### Technical Manager

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### Address

The North Wall Arts Centre  
South Parade  
Oxford  
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## THE THEATRE

The North Wall is a versatile, intimate, 200-seat theatre located to the north of Oxford city centre, a short walk from the shops, cafes and amenities of Summertown, and has a frequent bus service to the city centre. The theatre is on a one-way street and so must be accessed from Banbury Road (between HSBC and Sainsbury's).

### GET IN ACCESS

|                     | Width | Height | Diagonal |
|---------------------|-------|--------|----------|
| Main double doors   | 1.54m | 1.93m  | 2.45m    |
| Seating store doors | 1.65m | 1.79m  | 2.42m    |

Access to the theatre is through standard double doors. There is ample parking for cars and vans to unload/load next to the theatre, and free, long term parking for cars and lorries up to 7.5t a few minutes' walk away.

Companies touring in a 7.5t lorry or larger, or with long pieces of set, will need to use the seating store doors, where there is space to park larger vehicles. Please advise us before arrival so that arrangements can be made.

## LIGHTING

### Control

1 ETC Ion with 2x10 Fader Wing

### Dimming

96 ways 10A dimmers Zero88 Chilli Pro

*There is power available for additional dimmers/equipment; 63A 3phase on bridge level and 125A 3phase backstage.*

### Lanterns

|    |                            |         |
|----|----------------------------|---------|
| 12 | Source 4 Jr. 25/50°        | 575W    |
| 10 | Source 4 Zoom 25/50°       | 575W    |
| 10 | Source 4 26°               | 575W    |
| 6  | Source 4 19°               | 575W    |
| 12 | Selecon Rama PC            | 1200W   |
| 14 | Selecon Acclaim Fresnel    | 650W    |
| 6  | Robert Juliat 306H PC      | 1000W   |
| 36 | PAR64 (CP60, CP61, CP62)   | 1000W   |
| 8  | PAR16 Birdie & transformer | 50W     |
| 6  | Thomas 1 cell cyc flood    | 1000W   |
| 18 | ETC Deep Blue ColorSource  | PAR LED |
| 8  | ETC ColorSource Spot       |         |
| 1  | Unique 2.1 Hazer           |         |

*Please note that the lighting stock is shared with the studio theatre. Lighting plans should therefore be forwarded to the Technical Manager ASAP.*

## PROJECTION

|   |                              |                            |        |
|---|------------------------------|----------------------------|--------|
| 1 | 14' x 10' Projector Screen   |                            |        |
| 1 | Panasonic VZ575N projector   | 1,920 x 1,200p (1.1-1.8:1) | 4.8Klm |
| 1 | Panasonic PT-D5600 projector | 1024 x 768p (1.8-2.5:1)    | 5.0Klm |
| 1 | DMX Shutter                  |                            |        |

## RIGGING & FLYING

The rig consists of IWBs overhead and at gallery level, and fixed bars at stalls level. The overhead IWBs are accessed via the lighting bridge, and the gallery and stalls level bars via stepladders.

There is a permanently rigged hemp set and tab track upstage for flying the tabs. The tabs can be removed if necessary to allow for other uses of the hemp set. Loose pulley sets are available for spot flying at the venues discretion.

## SOUND

### Mixing

|   |                    |
|---|--------------------|
| 1 | Allen & Heath Qu32 |
| 1 | AR2412 remote I/O  |

### Outboard Playback & Processing

|   |                   |                        |
|---|-------------------|------------------------|
| 1 | CD player         | <i>Denon DN-C635</i>   |
| 1 | Effects processor | <i>Yamaha SPX-2000</i> |

### Mac

|   |   |                                 |
|---|---|---------------------------------|
| 1 | Mac Mini, running:<br>Qlab 4<br>Logic Pro X |                                 |
| 1 | Soundcard                                   | <i>Focusrite Scarlett 18i20</i> |

### Loudspeakers

#### Main PA

|   |             |
|---|-------------|
| 2 | D&B Ci90    |
| 2 | D&B Ci7 Sub |

#### Additional

|   |                              |
|---|------------------------------|
| 2 | D&B Ci90                     |
| 2 | D&B Ci80                     |
| 4 | Yamaha DXR-12 Stage Monitors |

### Wireless Microphones

Sennheiser Evolution G3 radio system, with channel 38 site license.

|   |                                      |              |
|---|--------------------------------------|--------------|
| 2 | Radio receiver + paddles             | <i>EW300</i> |
| 2 | Sennheiser e835 Hand Held radio mics |              |
| 2 | Sennheiser ME2 lavalier microphones  |              |
| 2 | Headset microphones                  |              |

**Wired Microphones**Dynamic

|   |                  |
|---|------------------|
| 8 | Sure SM58        |
| 3 | Sure SM57        |
| 1 | Beyerdynamic M99 |

Condenser

|   |  |
|---|--|
| 2 | AKG C214   |
| 4 | Behringer C2   |
| 2 | AKG C1000  |
| 1 | Oktavia MK219  |
| 2 | Audio Technica AT835b Line Gradient Shotgun Microphone |

Other

|   |                       |
|---|-----------------------|
| 2 | AKG C747              |
| 2 | AKG PCC160            |
| 1 | TBone MB85 Microphone |
| 2 | Beyerdynamic Opus 51  |

**Accessories**

|    |                                     |                                |
|----|-------------------------------------|--------------------------------|
| 6  | Active DI Box                       | <i>Behringer Ultra DI 1000</i> |
| 6  | Short boom microphone stand         |                                |
| 15 | Tall boom microphone stand          |                                |
| 3  | Telescopic upright microphone stand |                                |

**GRAND PIANO**

|   |                            |
|---|----------------------------|
| 1 | Yamaha C3 baby grand piano |
|---|----------------------------|

Tuning may be subject to a contra.

## STAGE

The stage and auditorium area are surrounded by pillars which support the gallery level. The floor within this area is made up of a Nivoflex decking system which enables different stage and seating formats to be created. The decks have an MDF/block board covering which can be screwed into (nothing is to be screwed or drilled into the wooden pillars or façades).

The theatre is usually in one of the end-on configurations listed below. The space offstage of the pillars is usually used for wings, and the space upstage of the pillars for the crossover. These areas can be incorporated into the playing area if required.

| Measurements             | Width | Depth             | Height |
|--------------------------|-------|-------------------|--------|
| Stage (End-on, short)    | 7.2m  | 4.5m              | 4.8m   |
| Stage (End-on, extended) | 7.2m  | 5.4m              | 4.8m   |
| Stage (End-on, long)     | 7.2m  | 7.2m              | 4.8m   |
| SL/SR Wing               | 1.7m  | <i>(as above)</i> | 2.2m   |
| Upstage crossover        | 7.2m  | 2.6m              | 2.2m   |

Please liaise with the Technical Manager to confirm stage size and format ASAP. Other formats may not be available due to build time and loss of available seating.

| Soft Goods |                          | Width | Drop |
|------------|--------------------------|-------|------|
| 1 pair     | Full tabs (serge)        | 7m    | 4.8m |
| 4          | Soft masking (serge)     | 2.2m  | 2.2m |
| 8          | Soft masking (serge)     | 3m    | 2.2m |
| 1          | White, shark-tooth gauze | 7m    | 4.8m |

The full tabs are used as upstage masking only, but can be removed if necessary. The soft masking is used to mask wing space under and on the gallery level.

### Capacity

|                  |     |
|------------------|-----|
| End on, short    | 191 |
| End on, extended | 187 |
| End on, long     | 153 |

### Pyrotechnics

Due to the largely wooden structure of the theatre and the close proximity of the audience, the use of pyrotechnics is severely limited. The use of guarded or supervised naked flames is possible with prior agreement. All such effects are to be used according to the recommendations of the relevant authority (licensing/fire etc.) and the venue technician will give final consent. All contact with the relevant authorities will be via the venue technician.

## COMMUNICATION

- 1 Stage management console
- 6 RTS 2 channel comms belt pack and headset
- 8 Portable cue light (*in addition to permanently installed cue lights at doors*)
- 2 Infrared video relay camera

Due to limited wing space, the stage management console is situated at the front-of-house position, from where shows are usually called.

## DRESSING ROOMS

- 2 Dressing room, 10 people maximum

Both dressing rooms are equipped with mirrors, showers and toilets, and are fully accessible. Show audio relay and backstage calls can be received in both dressing rooms as well as in the backstage corridor. Video relay can also be received in the backstage corridor.

## WARDROBE

- 1 Iron and ironing board
- 1 Steam iron
- 1 Washer dryer
- 1 Dryer
- 4 Costume rail and hangers