

## **\*IMPORTANT INFORMATION \***

The Vachel Room (Green Room) is unavailable until as of September 2023

In addition, building works are scheduled for 2024/2025 which will affect the backstage facilities available. As of August 2024, the get in will be relocated to the rear of the building with limited parking spaces available. Wardrobe, Green room and toured catering spaces will be hosted in temporary facilities on site. A full tech spec will be available nearer the time.

The auditorium, seat capacity and main dressing rooms will be unaffected and the Hexagon will continue to programme and present events as usual for the duration of the works.

# **Hexagon Technical Specification Sheet**

## **Access**

Sloped loading bay for one 45' Artic. Lowest approach height from Castle Street - 4.38m With careful parking, another 45' Artic can be parked alongside on the flat area. Load in through scene dock stage left Stage entrance - 1.88m wide / 2.56m high / 3.15m on the diagonal

## **Stage Dimensions**

Depth of Stage	10.06m
Back Wall Width	11.22m
Front Edge (normal Prosc opening)	11.96m
Total Width	21.11m

## **Height from Stage to underside of RSJ**

Downstage of Hemp bar 1	10m.
Upstage of Hemp bar 1	11.71m
19 Hemp bars sets, 5 Motorised bars & 4 dedicated LX bars.	

*For Flying heights of bars see section.*

## **Height from auditorium floor**

Stage up	0.952m
Stage down (Get in height)	0.66m

## **Orchestra pit** (available as Pit, Auditorium floor or Thrust)

Width	3.5m
Length	11.96m
Depth to Auditorium	1.56m
Depth to Stage (up)	2.51m
Chairs	120 max
Accommodation	48
Music Stands (lit)	25 max
Music Stands (unlit)	72 max
Steinway model D (tuned to A440hz)	
Upright Piano	

## Dressing Rooms

1 x Company Office plus 6 Dressing rooms all en suite. There are 2 more showers each in

the ladies and gents backstage toilets. Please see the dressing room plan.

Laundry room with 2 Washing Machines & 4 Tumble/Spin dryers, with facilities to plumb in

a Twin tub (Wardrobe)

~~Large dividable back room with dressing room mirrors (Vachell Room)~~ **\*\*please note the Vachell room is currently unavailable (as of September 2023)**

Large back room with tables and chairs (Waterhouse room)

Medium sized room with double sink and 3 phase power (Studio)

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## Tab Stock

### Borders

No.1 (Acts as House Border) - 20.9m x 2.63m

No.2 (Acts as House Border) - 20.8m x 2.63m

No.3 - 16.6m x 2.6m

No.4 - 15.1m x 2.6m

No.5 - 14.3m x 2.6m

No.6 - 9m x 2.6m

Half Border - 16m x 1.3m

Half Border - 14m x 1.3m

### Legs

2 pairs of black legs

2.8m x 7.5m

1 pair of black legs

2.8m x 6.7m

1 pair of black legs

2m x 7m

**Tabs** (note: all full tabs will not fly out of view)

1 Set of full Black tabs - 8.1m x 8.2m

1 Set of full Black tabs - 9.m x 8.5m

1 Set of Red tabs - 8.5m x 9.1m

1 Single Black tab- 13.2 x 8.1m

1 flat Black tab - 4.9m x 12.2m

### Flats

We have a selection of 5.49m (approx.) tall black masking flats in various widths: 2m (x4), 1.9m (x4) 1.5m (x2), 1.2m (x4) and 0.9m (x2)

We also have a selection of various other small masking flats and book flats.

### Track

We have enough in-house Triple E Unitrack to create two(2) full width tab tracks or wipes

## **Power**

Offstage-left we have 200A 3 phase outlet for lighting. This comes on Power Locks. There is also 125A 3 phase, 63A 3 phase and 32A 3 phase C-form outlets on the same supply.

We have 2 supplies commonly used for sound;

One is a 63A single phase C-form complete with a rubber box, allowing 2 x 32A outlets on RCDs.

The other is a 3 phase 125A connector fused at 80A. This comes complete with a rubber box which has a 63A 3 phase, a 32A 3 phase and 3 x 63A single phase outlets all on MCBs (no RCDs).

Visiting catering is commonly located in the studio, where there is a 32A 3phase outlet complete with a rubber box which has 3 x 32A single phase outlets all of which are on RCDs.

Outside at the front of the building near stage door, there are 3 x 16A single phase connectors in a box on the wall for visiting trucks and buses. At the rear of the building there are 2 more 16A single phase connectors that can be deployed by prior arrangement for the same purpose.

## **Hexagon Lighting Stock List**

Lighting Control Desk; ETC Gio desk c/w 2 x 20 way fader wing with network and back-up and ETC Unison global control system.

Controlling 164 mixed 10Amp and 20Amp circuits.

23 x 10 Amp non-dim independents.

DMX Phone riggers remote.

8 Robe Robin 600 moving head wash lights

3 Clay Paky Arolla profile MP

12 Strand SL 23/50 600w profile.

16 Strand Prelude 16/30 650w profile.

8 Strand Cadenza 2kw F.

8 Strand Alto 2.5kw F.

48 Strand patt. 743.68 Thomas Par 64 Parcan.

8 Thomas Par 64 Floorcan

8 Iris 2 cyc flood units

8 Strand Alto 8/16 2.5kw (rigged on FOH galleries).

8 CCT Sil 10 2kw (rigged on FOH galleries).

16 Strand Cantata 11/26 1200w (rigged in FOH bridge 3)

12 Strand SL 15/32 600W profile (rigged in FOH bridge 2).

10 CCT Par 64 Rockette (rigged FOH bridge 1).

2 Robert Juliat Korrigan 1200 HMI Follow Spots.

As some of this equipment is in other Theatres Division venues, please consult the Technical Department for full availability.

## Hexagon Sound System

Mixing Desk - Yamaha M7CL-48ES situated audience right of centre in the balcony.

Outboard equipment - at the mixing position there is also a Tascam CD6010 CD Player. We have a Mini-Mac running Q-Lab specifically for sound effects. There are 4 x Cat5e lines between the sound position and the stage (off stage left) and 2 between the sound desk and the lighting desk.

Flown P.A. - Consists of 2 clusters hung permanently below ceiling level 13 metres apart, each cluster consisting of one hang of 9 Meyer M'elodie self-powered line array speakers, one hang of 2 Meyer 500HP compact powered sub-woofer and one Meyer UPA-1P for the extreme side balcony.

Arena P.A. - Consists of two stacks, one either side of stage, each consisting of two Meyer 600HP self-powered sub woofers, 1 Meyer UPQ-1P and 1 Meyer UPA-1P self-powered speakers. There are 8 EM Acoustics i-2 speakers that are normally used as front fills, they are driven by a Lab Gruppen IPD 2400 in the mobile amp rack mentioned below. The onstage P.A. is removed when not required.

The system is normally run in stereo the system being controlled by 2 Meyer Galileo 616 digital processors. System eq, delays and crossovers are non-adjustable by outside personnel.

There are 8 mic lines and 8 returns off stage left. We have 3 x Yamaha SB 168-ES 16 in, 8 out stage boxes. We also have 2 x 16way xlr stage boxes and one 8 way stage box.

Monitors - There is a mobile amp rack containing 2 x Crest 8200's and 3 x MC2 T1000, which can be used on or off stage or in the orchestra pit, as required. We have 4 Turbosound TMW 212 wedges, 2 x Turbosound DS 50's, one Turbosound TXD530's and some other miscellaneous speakers.

We have a selection of microphones available including:

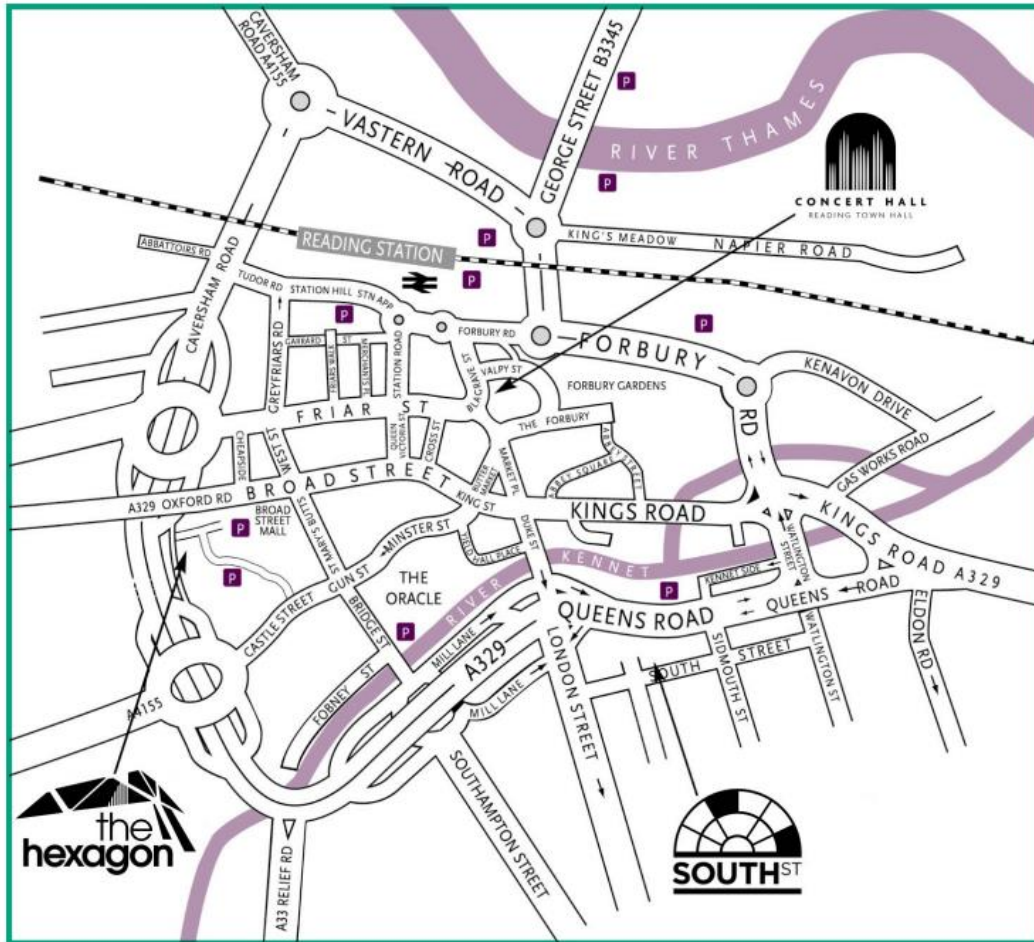
- 8 Shure SM58 Beta
- 7 Shure SM57 Beta
- 5 AKG SE300B
- 5 AKG CK91
- 5 AKG CK98
- 2 Sennheiser G3 Radio mic receivers c/w
- 2 Sennheiser Handheld radio mics
- 1 AKG D 80
- 2 AKG 414 EB
- 2 Sennheiser D421
- 2 AKG D112
- 2 Sennheiser beltpack transmitters and MKE2 lapel mics

Plus a variety of stands and accessories to suit the above.

We also hold 8 BSS AR 116 active D.I. boxes. Should you extra require radio microphones please contact the technical department in advance.

## Getting Here

The ideal post code to use for sat-navs is RG1 7AE



For any technical queries please contact:

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