*\*IMPORTANT INFORMATION \* The Vachel Room (Green Room) is currently unavailable in addition, building works are scheduled from 2025 which will affect the backstage facilities available. The get in will be relocated to the rear of the building with very limited parking spaces available. Wardrobe, Green room and toured catering spaces will be hosted in temporary facilities on site. 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) - 18 max

Music Stands (unlit) - 80 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](https://whatsonreading.com/sites/default/files/attachments/Hexagon%20backstage%20%26%20Dressing%20Rooms.pdf).

Laundry room with 2 Washing Machines & 4 Tumble/Spin dryers, with facilities to plumb in a Twin tub (Wardrobe)

Please note the Vachel room is permanently unavailable

Large back room with tables and chairs (Waterhouse room)

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

**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

### For any technical queries please contact:

Rick Bull, Technical Manager 0118 9372001 [rick.bull@reading.gov.uk](file://rbc-filesvr-01/hexagon%24/Technical%20Dept/Technical%20Dept/Tech%20Reqs%20etc/rick.bull%40reading.gov.uk)

Sonya Manasse, Stage Manager 0118 9372009 [sonya.manasse@reading.gov.uk](file://rbc-filesvr-01/hexagon%24/Technical%20Dept/Technical%20Dept/Tech%20Reqs%20etc/sonya.manasse%40reading.gov.uk)

Tim Liddle, Chief Electrician 0118 9372008 [tim.liddle@reading.gov.uk](file://rbc-filesvr-01/hexagon%24/Technical%20Dept/Technical%20Dept/Tech%20Reqs%20etc/tim.liddle%40reading.gov.uk)

## 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 Paradigm global control system.

Controlling 164 mixed 10Amp and 20Amp circuits.

23 x 10 Amp non-dim independents.

DMX Phone riggers remote.

10 Robe Robin 600 moving head wash lights

3 Clay Paky Arolla profile MP

8 Strand SL 23/50 600w profile.

8 Strand Prelude 16/30 650w profile.

8 Strand Cadenza 2kw F.

8 Strand Alto 2.5kw F.

48 Strand patt. 743.

26 Thomas Par 64 Parcan.

8 Thomas Par 64 Floorcan

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

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

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

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

10 Thomas Par 64 Parcan (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** – Allen and Heath D-Live S7000 situated audience right of centre in the balcony. There is a DM64 in prompt corner just off stage left.

**Outboard equipment** - at the mixing position there is a Mini-Mac running Q-Lab specifically for sound effects. There are a number of Cat5e lines between the sound position and the stage (off stage left) and between the sound desk and the lighting desk.

**Flown P.A.** - Consists of 3 clusters of L’Acoustic Speakers hung permanently below ceiling level. The left and right are 13 metres apart. They each consist of one hang of 11 Kara 2, one hang of 4 SB18 and one hang of 2 x A10 focus and 1 x A10 wide for the extreme side balcony. They are dead hung and cannot be moved. There is a central cluster containing 3 x A10 Focus and 2 x A10 Wide which can be removed if necessary.

**Arena P.A.** - Consists of two stacks, one either side of stage, each consisting of two L’Acoustic KS28 sub woofers and 2 x A10 focus. We have up to 6 x X8 speakers for front fill and 7 x 5XT speakers as under balcony fills.

The system is normally run in Left, Right, Sub and Center but can be adjusted to run in other ways too.

**Monitors** – There is an 8 channel amp in the control room that is patched into speaker outlets on stage. We have 7 x X8 and 4 x X12 L’Acoustic speakers for use as monitors, along with a 10-way Allen and Heath ME personal mixing system.

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
* 4 Sennheiser G3 Radio mic receivers c/w
* 4 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 require extra radio microphones please contact the technical department in advance.

## Getting Here

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

