

# 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.  
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)  
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:

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## 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 on-stage 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

