

# ARENA THEATRE WOLVERHAMPTON

## Tilstone Technical Specifications

### Technicians

Technical Manager - Steve Payne

Senior Technician (Sound) - Drew White  
Senior Technician (Lighting) – Jamie Harley  
Technician – Jonah Starkey

Arena Theatre  
Wulfruna Street  
Wolverhampton  
WV1 1SE

Tel: 01902 321 321

---

### Contact Details

Box Office -		01902 321 321
Education & Outreach -		01902 322 646
Access and Inclusion -		01902 322 532
Technical Manager -	Steve	01902 322 507 <a href="mailto:steve.payne@wlv.ac.uk">steve.payne@wlv.ac.uk</a>
Senior Technician (Sound) -	Drew	01902 322 616 <a href="mailto:drew.white@wlv.ac.uk">drew.white@wlv.ac.uk</a>
Senior Technician (Lighting) -	Jamie	01902 322 487 <a href="mailto:Jamie.harley@wlv.ac.uk">Jamie.harley@wlv.ac.uk</a>
Technician -	Jonah	01902 322 647

## Seating

The Tilstone Studio has benched style seating area. A maximum of 65 people can be seated.

## Get In

The entrance to the executive staff car park has a height restricted entrance. **Maximum height is 3.2 Metres.**

Access to the Tilstone Studio in some cases can be made via the Main Theatre Get In doors across the stage area providing it does not clash with an event in there.

*N.B. - Please give the Technical Manager advance notice for this to be arranged.*

The Tilstone studio can be accessed via the Glass fire doors in the foyer. This involves a stepped access and a 1800mm opening. **Maximum height is 2.3 Metres.**

## Dressing Rooms

Dressing rooms are subject to availability, please notify the Technical Manager in advance.

*N.B. - Please see Main Theatre Tech Spec for dressing room facilities.*

## Stage Dimensions

Stage width	8300mm
Stage Depth from setting line	6260mm
Grid Height	4100mm
Stage Left wing width	1040mm

## Tabs and Cloths

White cyclorama (projection screen on tab track) non removable.

## Additional Stage Information

- a) Solid board floor, cushioned covering in neutral grey.
- b) Stage left wall is painted black with ramped access.

*N.B. - The Tilstone is accessible via the main auditorium lift that leads to the ramped access stage left.*

## Lighting Equipment

### Dimming and Control

- 24 2.5Kw Zero 88 Digital Dimmers
- 08 3Kw hard power terminating in 16a sockets
- 01 ETC Ion (6144 outputs)
- 02 Touch Screen monitors terminating in DVI-I
- 01 2X10 ETC fader wing
- 01 Net 3, 4 port DMX gateway (permanent installation)

## Lighting Equipment

### Fixtures

- 12 Chauvet SlimPar Pro RGBA Pars
- 09 Source 4 Jr Zooms 25/50 - 575w

Please note that the Tilstone lighting grid is fixed and cannot be changed. A list of the following states pre-focused is below:

- Front of house general cover
- Multiple coloured Stage Wash
- Centre Spot
- Break up Gobo Wash

## Lighting Equipment

### Houselights

GDS DMX controlled LED houselights, controllable in the following zones:

- |             |                    |
|-------------|--------------------|
| Address 511 | Main Seating Block |
| Address 512 | Stairs             |

## Additional Lighting Information

- a) Lighting control room has double glazed windows and is located above the Stage Left Wing.
- b) The Arena holds a limited stock of M Gobo holders for our Source 4 Junior Zoom profiles.

## Sound Equipment

- 02 d&b E8 (Permanent FOH Installation, Left and Right)
- 01 d&b D6 Digital Amplifiers
- 01 Yamaha QL1 Digital Mixing Console
- 01 Tascam CD-200iL CD Player with integrated iPod/iPhone dock
- 01 Apple Mini Mac with Qlab 4

*N.B. - The Equipment listed below is shared with the Main Theatre, please contact Technical Manager for availability.*

- 05 d&b E8
- 02 d&b D6 Digital Amplifiers
- 01 Rio 1608-D Digital Stage Box
- 01 Rio 3224-D Digital Stage Box
- 02 Dante AVIO 2Ch Analog Output Adapter
- 01 Dante AVIO 2Ch Analog Input Adapter
- 02 Tascam Mini Disc/CD Player
- 07 Shure SM57 Microphone
- 06 Shure SM58 Microphone
- 01 Pulse PM580s Microphone
- 02 AKG C451b Microphone
- 03 AKG C1000 Microphone
- 01 AKG Groove Pack Perception Live Drum Mic Set:
  - 01 AKG P2
  - 03 AKG P4
  - 02 AKG P17
- 04 E/V ND468 Microphones
- 08 Tall boom arm stands
- 07 Short boom arm stands
- 04 Straight stands
- 06 Table top stands
- 04 Mackie SRM450 Active Speakers
- 01 8way Headphone Amp
- 02 8way DI Boxes
- 04 Single DI Boxes
- 01 Focusrite Scarlett 8i6

## Projector/ A.V

01 Optoma ZU750 Projector (Permanent Installation)

The projection system inputs on HDMI via an HDMI patch point at the sound control position in the upstage right corner of the space.

*N.B. - The Equipment listed below is shared with the Main Theatre, please contact Technical Manager for availability.*

02 16" M1 Macbook Pro with Qlab 4, Dante Virtual Soundcard and Dante Via.

## Additional Sound Information

- a) Sound Control is located at the upstage right corner of the Tilstone Studio.
- b) Monitor speakers are wired into a patchable speakon rack located in the control room.

## Accessibility

01 Sennheiser infrared audio enhancing system (permanently installed to show relay)

06 Sennheiser EZT 3011 Induction Neck Loop

06 Sennheiser HDI 830 IR headphones

*N.B. - If you require any further information on the Induction Loop or Audio Description systems, please contact the Technical Manager.*

## Live Stream Equipment

Please see the Main Theatre technical specification for full details of the live stream equipment held in stock by the Arena. For the Tilstone Studio there are three camera patch points located in the following positions:

01 Downstage Left

01 Upstage Right

01 Front of House Centre

*N.B – All cameras use 2 SDI feeds in each position, 1 for signal and 1 to control the camera.*

## Additional Information

The Blackmagic system is 12G ready, capable of up to 2160p (4K) at 60fps. We have the capability to stream 2 feeds simultaneously (for instance a clean feed in 4K and a BSL feed in 1080p) as well as record at the same time, with access to 3 cameras to transition between.

If you are interested in using this equipment or have any technical queries, please contact the Technical Manager

## Health and Safety

As part of our health and safety policy, an Arena Theatre technician will conduct a safety briefing with all staff working on the production before the Get In commences. The aim of the briefing is to introduce the key members of our technical staff, inform your staff of all evacuation procedures and draw their attention to any other possible hazards and policies that may be relevant to the production. This briefing is also an opportunity to introduce your staff to the house crew and discuss the on the schedule for the day.

A further briefing should take place with all members of the company on their arrival. This should take place in the auditorium and all technical work on stage should stop at this point for the briefing to take place.

Arena Theatre technical staff will provide information on in house Health & Safety Policies as required (Copies available on request). Arena Theatre Health & Safety Policies must be followed at all times. Special consideration must be given to Working at Height, Electrical Safety and Rigging/Suspended Equipment.

It is the responsibility of the visiting company to ensure all equipment and the items bought into The Arena are in a safe and suitable condition for use in a professional environment. This means all rigging equipment bought into the venue should have a SWL marked on it and all electrical equipment should hold a valid P.A.T Test. Any equipment that does not have the above may be deemed unsafe and may not be used.

Arena Theatre technicians have the final say over all matters relating to Health & Safety and have the right to refuse use of any equipment or other items they deem to be unsafe.

## Covid19 Pandemic

Please contact the Technical Manager for the latest policies and procedures relating to the Covid19 Pandemic.