ARENA THEATRE WOLVERHAMPTON

Tilstone Studio Technical Specifications

Technicians

Technical Manager - Steve Payne

Senior Technician (Lighting) - Tom Price
Senior Technician (Sound) – Dan Keates

Arena Theatre
Wulfruna Street
Wolverhampton
WV1 1SE

Tel: 01902 322 507

Contact Details

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Education & Outreach -	Sam	sam.fleming@wlv.ac.uk	01902 322 646
Access and Inclusion -	Kirsty	k.povey2@wlv.ac.uk	01902 322 532
Technical Manager -	Steve	steve.payne@wlv.ac.uk	01902 322 507
Senior Technician (Lighting) -	Tom	t.price3@wlv.ac.uk	01902 322 487
Senior Technician (Sound) -	Dan	daniel.keates@wlv.ac.uk	01902 322 616

Seating

The Tilstone Studio has a 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. **The maximum height is 3.2 metres.**

The Tilstone Studio can be accessed via the glass fire doors in the Foyer. This involves stepped access and a restricted opening. **The maximum height is 2.3 metres. The maximum width is 1.8 metres.**

Access to the Tilstone Studio in some cases can be made via the Main Theatre load-in door and across the stage area providing it does not clash with another event. *The Technical Manager must be notified in advance for this to be arranged.*

Dressing Rooms

Dressing rooms are subject to availability, please notify the Technical Manager in advance. See the Main House Technical Specifications for details on 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 with a cushioned covering in neutral grey.

b) The stage-left wall is painted black with ramped access.

c) The Tilstone is accessible via the Main Auditorium lift, which 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

Lighting Equipment

Fixtures

11	Chauvet SlimPar Pro RGBA
09	Source 4 Junior Zoom 25/50° - 575w

Please note that the Tilstone lighting rig is fixed and cannot be changed.

The pre-focused lighting states are listed below:

- Front of House general facelight cover
- Multi-coloured LED 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 is located above the stage-left wing. It shares the Main House Control Room. **(This is not sound-proof).**

If you would like more information on our lighting systems or equipment, please contact the Senior Technician (Lighting) - Tom, or the Technical Manager - Steve.

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 Apple Mac Mini with Qlab 5

The equipment listed below is shared with the Main Theatre, please contact the Technical Manager for availability.

03 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
08 Tall Boom Arm stands
08 Short Boom Arm stands
06 K&M 'pistol grip' Straight stands
04 Tabletop stands
04 Mackie SRM450 Active Speakers
01 8-Way Headphone Amp
01 Behringer 8-Way DI Box
04 Behringer Single DI Boxes

Microphones

06 Shure SM57
07 Shure SM58
02 audio-technica AT040
01 AKG Perception Live Groove Pack - Drum Mic Set:
01 AKG P2, 03 AKG P4, 02 AKG P17
04 EV N/D468
02 AKG C451b
01 Pulse PM580S
01 AKG D112
03 AKG C1000 S

Projector/ A.V

01 Optoma ZU750 Projector (Permanent Installation)

The projection system inputs on HDMI via a patch point on the rear of the sound control rack located in the upstage-right corner of the space.

The equipment listed below is shared with the Main Theatre, please contact the Technical Manager for availability.

02 16" M1 Max MacBook Pro with Qlab 5, Dante Virtual Soundcard and Dante Via

Additional Sound Information

a) Sound Control is located in the upstage-right corner of the Tilstone Studio.

b) Monitor speakers are wired into a patchable speakon rack located in the Control Room.

If you would like more information on our sound systems or equipment, please contact the Senior Technician (Sound) - Dan, or the Technical Manager - Steve.

Accessibility

01 Sennheiser infra-red Audio Enhancing System (Permanently installed to show relay)

19 Sennheiser Tour-Guide Headset Receivers

02 Sennheiser Tour-Guide Transmitters

If you would like more information on the Audio Description & Accessibility systems, please contact the Senior Technician (Sound) - Dan, or the Technical Manager - Steve.

Live Stream Equipment

Please see the Main Theatre Technical Specification for full details of the live stream equipment held in stock at 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

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

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 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. This briefing must always happen no later than 30 minutes before the house opens.

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 Theatre 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 sticker. Any equipment that does not have the above may be deemed unsafe and will not be used if this is the case.

Audio Levels and what is deemed "too loud" is at the discretion of Arena Theatre staff. Levels will be reduced/requested to be lowered if the audio level is too high.

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

If you would like more information on Arena Theatre Health and Safety or to send Risk Assessments please contact the Technical Manager.

For any further information on the specifications outlined in this document, contact the relevant department for your query using the contacts on Page 1, or as outlined throughout the sections in the document. The Technical Manager will also answer any questions.