

JOHN THAW STUDIO THEATRE TECHNICAL SPECIFICATIONS

Location

The John Thaw Studio Theatre (JTST) is located in the Martin Harris Centre for Music and Drama (MHC). The MHC is located on the south campus of the University of Manchester, approximately 1 mile south of Manchester city centre.

The Martin Harris Centre for Music and Drama
Bridgeford Street
The University of Manchester
Oxford Road
Manchester
M13 9PL

Get In

The theatre can be accessed from street via the main fire escape. This allows load in from street level directly onto the stage. Larger items of set can be brought in through the scene dock doors by prior arrangement.

Dimensions & Capacity

The JTST is a 100-seat black box style studio theatre with retractable-tiered seating. Extra seating can be added by request up to a maximum licensed capacity of 150.

The total dimensions of the room are 14.25m x 11.8m.

A partial wing and pillar on the stage right side (width 1m) and with seating retracted mean that a maximum useable area is 13.1m x 10.3m.

The height from floor to grid is 6.8m

When the theatre is in its standard, end-on configuration – with 100 tiered seats and with black tabs at the sides of the stage - the sizes are as follows;

Width of room: 11.8m (wall to wall)

Width between pillar and wall: 10.3m (pillar DSR)

Width between tabs: 8.4m

Depth of stage: 7.5m (back wall to front row).

So a realistic playing area for the stage is 7.5m x 8.4m.

The floor is made up of a semi-sprung light wood dance floor. The stage area is at floor level and is usually covered by a black harlequin dance floor. The technical team must approve the black dance floor's removal in advance.

The floor and walls cannot be painted or screwed/nailed into. Rostrum is available by prior request.

Technical Equipment

Technical equipment is controlled from the control room on the first floor. DMX, audio and power signals can be sent to and from the control room via 5 facility panels on the ground floor in the JTST. Each panel contains;

4 x 15a sockets

1 x 5 pin DMX (patched from 2nd universe on desk)

2 x 13A Sockets

6 x XLR Female Audio sockets

2 x XLR – intercom A+B

1 x Speakon

1 x Cue Light Socket

Please note there is no feed for projection via the facility panels; any rear projection must be controlled from backstage.

Lighting

The JTST is set up with a flexible rig suitable for most basic shows. This rig consists of warm and cold area washes and red/green/blue side washes. There are also two moving head profiles permanently rigged.

Equipment:

Control: Zero88 Orb with ZerOS software
Rigger and remote control is via iPad and iPod touch

Dimming: 4 x Strand LD90 digital dimmers

Lanterns: (All c/w hook clamps and safety bonds unless otherwise stated)

General Wash –These lanterns are usually rigged for the general wash. This can be changed with prior approval by the tech team but must be reset after a production.

9 x Par 64 with CP62 Lamps

6 x Par 64 with CP62 Lamps

9 x Source 4 Pars 750W with wide flood lens.

6 x Compact 6 1kW Fresnel

12 x Strand Cantata PC 1kW

6 x Selecon Pacific Zoom 1kW Profiles

4 x 650W Strand SL Profiles (Breakup Gobos)

2 x Qmaxz 575 Moving profile (NB Non-standard gobo configuration)

Shared lantern stock –please check availability with tech team.

8 x Short Nose Par 64 Floor Cans (various lamps, 1 chrome)

6 x Selecon Pacific 1kW Zoom Profiles

4 x Strand SL 15/32 600W Profiles

2 x CCT Freedom 15/32 Profiles

3 x CCT Starlette Fresnels 1kW

2 x CCT Fresnel 1kW

2 x Strand Cantata PC 1kW

2 x Selecon Compact 6 1kW Fresnels

3 x Par 64 (various lamps)

8 x Showtec LED Pars c/w Floor Stands

1 x 500mm Mirrorball c/w Motor

There are 56 channels of dimming in the grid with a further 12 channels on vertical booms; 6 either side of the stage at the DS edge of stage area. Also, there are 5 facility panels at floor level, with 4 circuits on each.

All lighting equipment in the theatre is 15A.

There is a separate house light system installed which can be controlled from the desk or by an independent control.

Audio

The JTST is equipped with an audio reinforcement system for theatre and speech applications. An alternative PA system is available which is better suited to larger scale music events; please see the separate inventory for more information regarding this.

Equipment

1 x Soundcraft K1 20 Channel Mixer (16 Mono, 2 Stereo, 4 Aux)

2 x Tascam CD200 CD Player

1 x Tascam MD350 Minidisc Player

1 x Tascam CD-RW700 CD Re-writer

1 x Yamaha SPX 990 Effects Unit

2 x XTA DP224 Loudspeaker Management System

2 x RCF DCA 1050 Power Amplifier

2 x RCF DCA 550 Power Amplifier

4 x Mackie Industrial PA281 Loudspeakers (Permanently rigged, full range cabinets)

Microphones, DI boxes, mic stands etc are available by request. Please see separate inventory for more information regarding audio equipment stock.

Audio signals can be patched to and from the control room by means of the tie lines in the facility panels.

Communication

Canford Audio Techpro 2 Channel Master Station MJ721 + Headsets and beltpacks
Q-Light System

Paging microphones are located in the control room. These can page backstage or the foyer.

Power

There are two 3-phase power outlets for touring lighting and sound systems. They are located centrally backstage, to the rear of upstage centre; 1 x 63A, 1x 125A.

Access Equipment

The MHC has shared access equipment for the two venues. Please contact us to ensure availability.

1 x 50524 Standard Tallescope

1 x Genie AWP-25S Elevated Platform System

2 x Industrial stepladders

*Please note; access equipment may only be used by qualified, competent personnel.
Please contact the technical team for more information regarding this.*

Backstage Accommodation

The studio theatre has two changing rooms; one male, one female, located on the first floor to the rear of the theatre. Access directly to backstage is via a staircase. Each changing room has a shower, WC mirrors and show relay speaker.

Adjacent to the changing rooms is the green room. This room is air conditioned with mirrors and a small make-up area. This also has a show relay speaker.

A domestic style washing machine is available; please notify us if you require use of this. There are no drying facilities at the centre.

WiFi

The JTST has good WiFi coverage. The system requires a University login to gain access. Please notify us in advance if you are likely to require use of this.

Ground Plan for John Thaw Studio Theatre

This diagram features the seating plan and the location of facility panels.

