

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 situated behind the Manchester Museum, which is located on Oxford Road. It is 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).
- Playing area for the stage is 4.5m deep x 9.4m wide.

The floor is a Harlequin, fully sprung 'Activity' dance floor.

The stage area is at floor level and is covered by a non-slip, black vinyl.

The floor and walls cannot be painted or screwed/nailed into.

4 sections of 8' x 4' rostra are available, by prior request, with 1' legs.

Lighting

The JTST is set up with a full LED, flexible rig suitable for most Studio shows. This rig consists of full colour mixing area and side washes, along with full colour mixing FOH profiles/specials and backlighting. There are also 8 x Ayrton Diablo moving heads permanently rigged.

Equipment:

Control - ETC Ion, 2 x 20 fader wing and 2 x touch screens

Dimming - 2 x ETC Sensor 3 dimmer racks

Lanterns - 9 x ETC ColorSource Pars, 18 x ETC Source 4 Lustr 2 (Fresnel)

The above lanterns fixed focussed for a full general wash, made up from 9 separate areas across the stage. Namely - downstage left, right and centre; mid-stage left, right and centre; upstage left, right and centre. Additionally there are 4 x ETC Source 4 Lustr 2's with Cyc lenses focused to the cyclorama upstage of the full upstage tabs.

The following lanterns are usually rigged and can be used for specials when required. This will need to be confirmed via prior arrangement.

- 12 x ETC Source 4 Lustr 2 (Profile 25/50)
- 8 x Ayrton Diablo moving heads

Additional lantern stock is listed below:

- 6 x ETC ColorSource Pars
- 4 x Martin Mac Quantum Profile movers
- 2 x Martin Mac Quantum Wash movers
- 12 x wireless LED uplighters

There are 56 channels of dimming in the grid.

All lighting equipment in the theatre is 15A.

There is a separate LED, GDS 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, speech, and surround sound cinema applications, including Bluetooth and HDMI audio playback from the projection system.

Equipment

1 x DiGiCo SD11i Digital Mixing Console (48 fully flexible channels)

1 x DiGiCo D-Rack 32in 10 out.

1 x Apple iMac with Q-Lab (output is via UB Madi)

6 x EM Acoustics R8 Loudspeakers (permanently rigged)

12 x EM Acoustics EMS-51x Loudspeakers (permanently rigged)

2 x EM Acoustics S-15 Subs (removable)

4 x EM Acoustics DQ6D amplifiers

Microphones, DI boxes, mic stands etc are available by request.

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

Video

A permanently installed projection system fed from HDMI input panels on up stage left and the 1st floor tech box. This system is operated and controlled via touch screen panels in both locations. The full HD projector is focused and front projected onto an automatic screen which is located just in front of the upstage full tabs.

Equipment:

1 x Panasonic - PT-RCQ10 Projector

1 x 650cm electric projection screen

2 x HDMI input panels

Communication

A wireless comm system, comprising 8 wireless belt packs, headsets and base station are available via prior request (subject to availability).

Paging microphones are located in the control room. These can page backstage or to Front of House.

Q-Light System (available on request)

Facility Panels

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.

Access Equipment

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

- 1 x Haulotte Star 10 Electric mast boom lift
- 1 x Genie GR20
- 2 x Industrial stepladders
- Various smaller 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 located on the first floor to the rear of the theatre with access directly to backstage via a staircase. Each changing room has a shower, WC, mirrors and show relay speaker.

WiFi

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

Ground Plan for John Thaw Studio Theatre

