

# **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).

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

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 four moving head profiles (Martin Mac Quantum Profile), and two moving washes (Martin Mac Quantum Wash) permanently rigged. Rig plan available on request.

## **Equipment:**

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

**Dimming:** 2 x ETC Sensor 3 dimmer racks

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

9 x ETC ColorSource Pars

18 x ETC Source 4 Lustr 2 Arrays (Fresnel)

The above lanterns are usually rigged and 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.

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

6 x ETC ColorSource Pars

12 x ETC Source 4 Lustr 2 Arrays (Profile 25/50)

4 x Martin MAC Quantum Profiles

2 x Martin MAC Quantum Washes

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 and speech applications.

## 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 Protools 10, Q-Lab and Reaper software (output is via UB Madi)
- 2 x Tascam CD200 CD 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 EM Acoustics EMS 122W Loudspeakers (Permanently rigged, full range cabinets)
- 2 x EM Acoustics EMS 112 Sub Woofers (Not permanently rigged)

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.

## Communication

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

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

A wireless comm system, comprising 6 wireless belt packs and headsets and a base station are available via prior request (subject to availability).

## 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 2<sup>nd</sup> 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 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.

## **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**

