



Waterside

Robert Bolt Theatre

Technical Rider

1 Waterside Plaza
Sale Waterside
Sale
Cheshire
M33 7ZF

(Updated 10.2022)

Robert Bolt Theatre- Summary

Get In- Via Main Entrance

No stairs. Smallest door to reach the stage- 1.4m (W) x 2.0m (H)

Theatre

Seats - 322 raked. Central Isle

Stage

- Flat floor. Usually set 9 metres width and 6 metres depth.
- U.S. full blacks and white Cyc. 3 bays with adjustable legs.
- 3/4 U.S swipe track (c/w black tabs) and mid-stage swipe track (c/w 1 metre legs).
- Wood floor. Black dance floor available.
- No nails or screws into stage floor.

Grid

Fixed 48mm scaffold grid. 35 Kg UDL per 1.5 metre of grid. 5.25 metre height from floor.

FOH Bar 2.5 metres from setting line. 12 sockets. 15 amp.

4 onstage lighting bars with 10 sockets. 15 amp.

1 metre depth borders D.S. of each lighting bar.

Dressing rooms

- 3 for up to 25 people. 2 with toilets. Each has a costume rail.
- Shower available in Back Stage disabled toilet.

Control room - Rear of auditorium. Open front (no glass).

Lighting

ETC Gio (10 fader) with 40 fader wing and Nomad back up.

Dimmers – 72 channels. Hard wired. 6 dip circuits.

DMX tie lines from control room to D.S.L. and D.S.R.

Cat 6 tie lines- 6 from control room. 2 D.S.L., 2 D.S.R. and 2 U.S.R.

63 amp, 3 phase temporary supply. U.S.R.

Lanterns – 16 Fresnels, 8 PCs, 7 wide profiles, 5 narrow profiles. Basic TRS and colour stock.

LED Par (RGB) and moving light rig. This is a static rig and can only be moved by prior agreement.

Sound

Mixer for external hires - Mackie CFX12 MK2. (Mic 8, 2 stereo. 4 Subs and LR. 2 Aux).

In-house mixer available for hire - Allen & Heath GLD80.

PA – Aura Audio. Flown pair of A1's a side and pair A28 Subwoofer on floor.

2 x A6 Delays rear auditorium. 2 x A6 Front fills.

Audio Tie lines – 24 x 3 pin XLR. 12 D.S.L. and 12 D.S.R.

Cat6 Tie lines – 6 from control room. 2 D.S.L., 2 D.S.R. and 2 U.S.R.

Mics – Range of Sm58's, SM57's, basic drum kit set and 3 condensers.

Video

1 Black Magic Pocket 6K camera c/w Canon EF 24-105mm f/4L IS II USM Lens.

1 Manfrotto - MVH502A, 546BK. 3 extension tripod with Fluid Video Head.

1 ATEM mini Pro Iso and streaming bridge.

Comms

4 stonewood comms packs. Plug in control room, D.S.L. and D.S.R. No cue light system.

Piano

1 Schimmel upright piano and stool.

Laundry

Domestic Washer Dryer. Iron and board.

Launderette for service wash- Viking Launderette and Dry Cleaners. Ashton lane. 0161 973 8575.

Robert Bolt Theatre - Technical Rider

Get In- Main Entrance

Temporary parking for access only is available from the main road. Access for larger vehicles is available behind removable bollards. This is on a small gradient.

The main doors are reached via a ramp.

Smallest door to reach the stage- 1.4m (W) x 2.0m (H)

Front of House Lift

Doors- 0.8m (W) x 2m (H)

Dimensions of lift cart- 1.02m (W) x 2.2m (H) x 2.09m (D)

Capacity- 1000KG

Stage

The theatre is set as standard with 320 seats. There are two further part rows of removable seats which sit at floor level giving a maximum capacity of 346. The retractable seating unit is raked with the upper seats sat at 3.7m. The performance space as standard is a non raised semi sprung wooden floor measuring 14.5m (W) x 7m (D). Modular stage decking's are available to raise the performance space. With the standard side masking and rear full blacks the performance space is 8.5m (W) x 5.5m (D). Access is from both sides and at the rear of the stage there is a 1 metre wide cross-over.

With the modular stage decking's removed and the seating retracted a space of 20m (D) x 14.5m (W) is available. Part of this space has a semi sprung, wooden floor. From the rear wall (of the stage) the sprung floor covers 14m (W) x 14.5m (D) with the remaining floor being concrete covered with dark grey Lino.

The stage is made up of three bays with side masking (legs) and borders. There is a set of full blacks and a white cyc at the rear of the stage on individual tab tracks operated S.R. These also provide an onstage cross-over to both sides of the stage. The masking is available in 4m (Stage in place) and 5m (Stage removed). The height from flat floor to grid is 5.4m. The borders are tied to the grid and have a 1 metre drop.

There is usually a $\frac{3}{4}$ U.S. swipe track with full blacks and a mid-stage swipe track with some additional legs.

There are full length front curtains on a tab track (Blue in colour) operated from stage right.

Dressing Rooms- Backstage (All with show relay).

Dressing Room 1- 4.1m (W) x 5.2m (D)
1 x Toilet. 3 x Lit mirrors.

Dressing Room 2- 6.1m (W) x 2.75m (D)
3 x Lit mirrors.

Dressing Room 3- 4.1m (W) x 5.1m (D)
1 x Toilet. 4 x Lit mirrors.



Robert Bolt Theatre – Cinema Screen



Robert Bolt Theatre – Semi Sprung Floor

Technical Control Room

The control room is located at the rear of the auditorium at the top of the raked seating. A removable panel gives direct visual and audible contact with the stage. There are five twin 13 amp sockets on one ring, 32 amp supply for PA amps and six Cat6 points.

Access is restricted with three steps leading to the entrance. Operating equipment can be moved outside of the control room for complete access and FOH mixing positions.

Stage Lighting

The lighting desk is an ETC Gio (10 fader) with 40 fader wing.

The desk gives direct control to the dimmer. These can be recorded to the master wing which has 40 faders on multiple pages. There is also an X fade playback for recording memories.

There are 72 ways of Zero 88 - Chilli dimming at 10 amps per channel. (2 used for House Lights controlled from the lighting desk)

Dimmers are hard wired to lighting bars one dimmer per 15 amp socket. There are three onstage bars with 10 sockets per bar, one onstage backlight bar with 8 sockets and four front of house lighting bars. FOH1 has 12 sockets and the remaining 3 bars have 8 sockets each.

4 ways of Zero 88 - Chilli Non Dims at 10 amps per channel are available. These are distributed in the grid on 16 amp Ceeform. 3 of these are normally used for powering the moving light rig.

There is a 63 amp 3 phase temporary mains supply on Ceeform located backstage. This is not fitted with an RCD but all final connections need RCD protection to 18th edition regs. A 63 amp 3ph through with variable RCD and 3 x 63 amp 1 ph with RCD distro is available.

Working lights are provided by fluorescent fittings.

These are divided into four areas, left hand side over seating, right hand side over seating, left hand side over stage and right hand side over stage. These are controlled either at the back of the stage with ON/OFF control or in the control room by manual dimmer control and ON/OFF switches. These cannot be controlled from the lighting desk.

Lighting equipment

- 5 Strand SL 15/32 Profile Spots.
- 2 Strand SL 23/50 Profile Spots.
- 8 ETC Source Zoom 25/50
- 12 Strand Cantata 1.2 Kw Fresnel with barndoor.
- 4 Selecon 1.2 Kw Fresnels with barndoors.
- 8 Strand Cantata 1.2 Kw PC with barndoor.
- 6 Strand Coda 1000w Asy Flood with barndoor.
- 6 Source Four Par MFL.

Additional Equipment

4 Tank Trap Boom Bases and 3 metre booms.

TRS and Trelco's.

Iris's and gobo holders.

There is also a LED Par (RGB) stage wash, upstage Robe 575 spot and wash moving lights and Luma 1500 LED CMY Spots . FOH there are 2 Chauvet Rogue 3 Wash lights. This is a static rig and can only be moved by prior agreement.

Stage Sound

The PA is a Flown Aura Audio system which can be operated from the control room or auditorium via a 20 metre 24 way multi-core or Cat 5 cable when using the GLD 80 mixer. The GLD has a 24 way dSnake, 2 x 8 input and 4 output expanders and a small number of local inputs. (Max 44 inputs).

We can provide 6 channels of monitor mix into 8 wedges.

There are 24 mic tie lines. 12 each side of the stage in a wall mounted stage box. There are 6 Cat 6 links from control room. 2 to S.L., 2 to S.R. and 2 to U.S.R. There is also a comms connection in both stage boxes and control room. The stage boxes are 6 metres from the back wall effectively next to the prompt positions.

An additional 24/4 way audio multicore is available for extra sends/returns. 1 x 12/4 and 2 x 8 way stage boxes are available.

Mixer for external hires – 1 x Mackie CFX12 MK2. (Mic 8, 2 stereo. 4 Subs and LR. 2 Aux).

In-house mixer and available for hire - 1 x Allen & Heath GLD80. 32 channel. 8 Onboard FX.

Main PA

- 4 Aura Audio A1 (Flown pair a side)
- 2 Aura Audio A28 Cardioid Subwoofers
- 2 Aura Audio A6 Rear Auditorium Delays
- 2 Aura Audio A6 Front Auditorium Fills

Driven by MC2 T1000, T2000 and E45 amps.

<http://www.auraaudio.fi/a-series.html>

Monitors

- 5 Martin Audio X12 Stage Monitors. 300w AES 1200w Peak
- 2 Martin Audio F15 Stage Monitors. 400w AES 1600 w Peak
- 1 Martin Audio S18 Stage Monitor. 750w AES. 3000w Peak
- 6 Channels of QSC PLX 3602 amps for monitors.

- 1 Macbook Pro 13"
- 2 Tascam MD-CD1
- 6 Sennheiser G3 Diversity radio mics c/w SK300 Body packs or EW335 Hand Held

- 2 Shure Beta 58 vocal mic
- 5 Shure SM58 vocal mics
- 1 Shure PG 58 vocal mics, with switch.
- 3 Shure Beta 57 Instrument mics.
- 2 Shure SM57 Instrument mic
- 1 Shure PG 57 Instrument mic, with switch.
- 2 AKG 451 B.
- 1 AKG 414

- 1 C1000
- 1 D112 Instrument Mic.
- 3 Sennheiser e604 with clips.
- 1 PG 52
- 3 PG 56 with clips.
- 2 PG 81

- 2 BSS DI
- 3 Mtr DI-3
- 2 Behringer Ultra-DI.
- 15 Boom mic stands.
- 5 Short stands.

Monitor Desk

- 1 Soundcraft Expression 1 with 32 channels. (16 local & 16 on external Cat5 stage box).

Video Equipment

- 1 Black Magic Pocket 6K camera c/w Canon EF 24-105mm f/4L IS II USM Lens.
- 1 Manfrotto - MVH502A, 546BK. 3 extension tripod with Fluid Video Head.
- 1 ATEM mini Pro Iso and streaming bridge.
- 1 HDMI over Cat 5 kit.

Small supply of HDMI splitters and cables.

High speed internet link suitable for HD streaming.

Intercom System

- 1 Stonewood Audio Intercom master station.
- 4 Belt-packs with single muff head sets.

Additions

- 1 Schimmel upright piano and stool.