

# Technical Specifications



Blakehay Theatre

Wadham Street, Weston-  
super-Mare, BS23 1JZ

01934 645493

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## MAIN HOUSE

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199 fixed seats plus space for 4 x wheelchairs and 4 x carers at the front of the stalls – Total of 207 seats

### Accommodation

Dressing rooms;

1 x Stage Level - Capacity; Maximum of 25

1 x First floor - Capacity; Maximum of 25

First floor Green room with toilets and kitchen facilities.

### Performing Area

7.60 metres from back wall to front of apron (from centre line).

3.90 metres from proscenium to front of apron (from centre line).

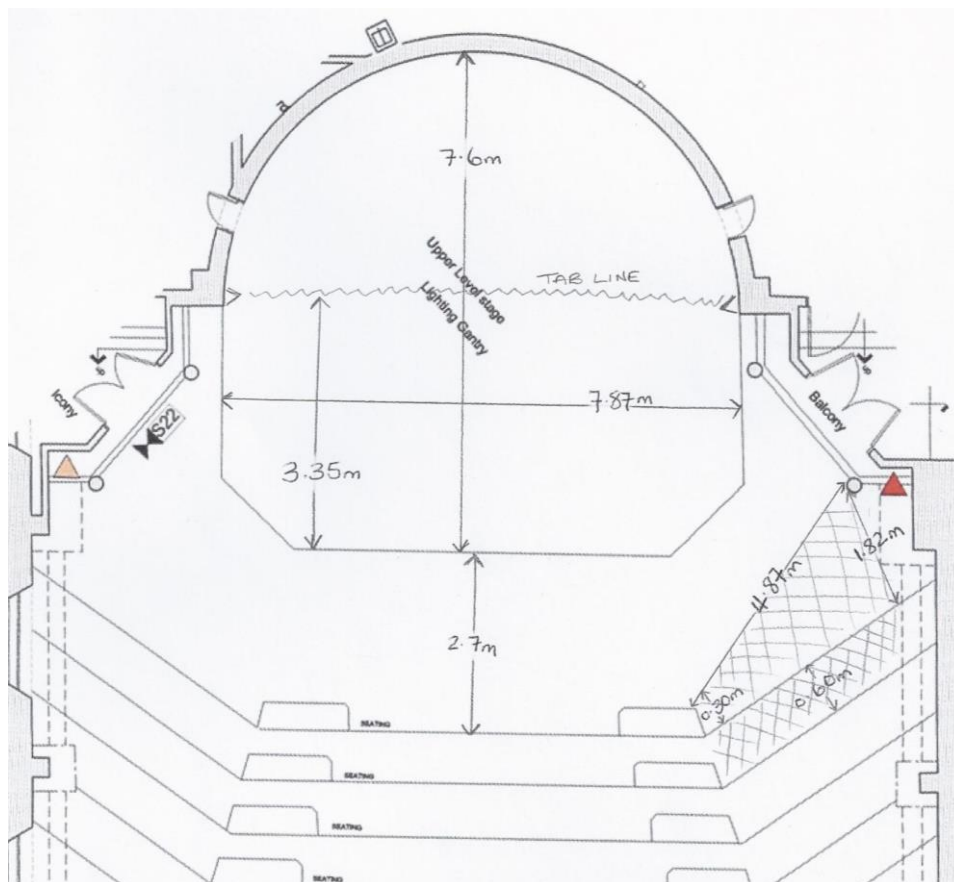
7.87 metres wide (from proscenium line).

2.70 metres from apron to front row of stalls (from centre line).

Grid height is 5.00 metres.

### Orchestra / Band Off Stage Space

This is available on either side of the auditorium or both, alternatively the Stage Level Dressing Room can also be used. However, please note that the doors must be kept clear and that you must inform the theatre, at the time of booking, that you require this space so that seats can be blocked out.



## Stage

No rake.

Stage is raised approximately 100mm from floor.

Wooden floor painted black.

Curved back wall (white cyclorama).

A full set of black wool drapes to form black box are available.

Red tabs and pelmet (these can be removed if needs be by prior arrangement).

Proscenium arch.

Juliet's located stage left and stage right (access via stairs backstage).

Red front of house tabs (winder located stage left).

Stage left to stage right crossover corridor located behind cyclorama.

If hirers are using trucks then it is requested that each truck has at least 10mm floor clearance and that wheels/castors are in good working order.

**If hirers wish to bring their own show floor for their performance, please speak to our Technician regarding this.**

## Grid

Front of house lighting gantry with 1 x IWB (socket numbers 1-12).

Front of house stage left boom 1 x IWB (socket numbers 13- 18).

Front of house stage right boom 1 x IWB (socket numbers 37-42).

Onstage 2 x IWB one located just behind proscenium and one located mid. stage (socket numbers 19-36).

Onstage Stage Left 1 x side boom (power for this is provided from the front of house boom sockets).

Onstage Stage Right 1 x side boom (power for this is provided from the front of house boom sockets).

There are also additional horizontal bars from the front of house booms to the Juliet balconies for moving heads to be situated if needs be. 13a hot power for these bars from the control booth is already provided.

## Get-in

Scenery access via double doors on stage right side of building. Please note that The Blakehay does not have parking. Vehicular access to the doors can be arranged with adequate notice.

## Sound

1 x Yamaha P5000 Power Amp (Front of house).

1x Yamaha P2500s Power Amp (Monitors).

1x Yamaha 01V Digital Mixing Desk

1 x Yamaha MG16/6FX Mixing Desk.

1x Phonics Max 1500 Power Amp (Subs).

1x Tascam CD-200i CD/MP3 Player with built in iPod dock.

2 x Peavey 1XT speakers (FOH).

2 x RCF art Series 312 speakers (FOH).

2 x HK Audio PR115 300w speakers (monitors).

2 X QTX 170.754'S (Subs).

1x Behringer Super-x Pro Crossover.

1 x Sony MD5-JE520 Minidisk player.

2 x Shure SM58's.  
2 x Shure Prologue 22L's.  
3 x Behringer XM1800's.  
1 x GM55 50.  
1 x Kam KWN11 radio microphone.  
2 x Trantec S4.4 radio microphones.  
4x Boom Microphone Stands.  
2 x Behringer Ultra DI Boxes.

The venue has two stage boxes (both located SL) One is an internally wired 4/2 the other is a standard 16/4. There is also an 8/4 stage box on stage right which can be patched into the stage left 16/4.

We also have various lengths of XLR and Speakon cables. For further information please contact our Theatre Technician.

### External Sound Desk Space

This is situated at the top of the auditorium to the side of the lighting box. Please inform the theatre that you require this space so that the seats in this area are not sold.

### Video/AV

1 x Acer HD projector.

The venue also has a permanent VGA cable installed with tails in the box and on stage.

There is a BNC link from the Lighting Box to SL.

**It is requested that hirers provide their own laptop for AV playback.**

### Lighting

Zero 88 FLX48 Lighting Desk.

24 dimming channels (4 x Zero 88 Beta Pack 3's).

**Please note that channel 24 is usually allocated for house lights.**

1 x Strand Lighting DIG 6 Dimmer (This tends to be used for floor lighting onstage).

6 x ETC Source Four Zooms (15/30).

4 x Strand Cantata 11/26 profiles.

4 x Strand Cantata 18/32 profiles.

2 x Strand SL 23/50 profiles.

5 x Strand Quartet Fresnel.

2 x Strand Harmony Fresnel.

10 x Par 64 (CP62) long nosed (1000W).

4 x Equinox Fusion Spot Max MK2

10 x Visage LED short nosed Par (2 x black/8 x chrome) 5W.

1 x Chauvet LED Followspot. **It is the hirer's responsibility to supply a followspot operator. Instruction on how to use the followspot can be given by our technician.**

2 x LEDJ LED Stratos wash.

2 x LEDJ LED floor Par.

1x Chauvet Hurricane Hazer (DMX controlled via Lighting Desk).

2 x Tank traps. Bars not provided.

The lighting desk has its own dedicated network for linking with mobile devices. This is so you can use Zero 88's remote rigging or remote monitor app's (zerOS Remote/zerOS Monitor). Please contact the theatre technician for further details of this.

We have various lengths of TRS as well as 15a>13a and 13a>15a jump cables. For further information please contact our Theatre Technician. Soft patching is allowed on the lighting desk but please speak to our Theatre Technician regarding this. We also have a limited Gobo stock. Again, please speak to our Theatre Technician regarding these.

**Where possible, hirers are required to supply their own gel.**

**Please note that the Blakehay has a permanent generic lighting rig. This consists of:**

3 x ETC Source Four's (15/30) (L200) Located on FOH gantry above the control booth.

3 x ETC Source Four's (15/30) (L204) Located on FOH gantry above the control booth.

10 x Visage LED Par 5W (2 located on stage left boom and 2 located on stage right boom, 3 located mid stage, 3 located on cyclorama).

4 X Par 64 (2 located on SL FOH Boom and 2 located on SR Boom)(2 are warm L204 and 2 are cold L200).

6 X Par 64's located mid stage for backlight. (Not coloured- Hirers are reminded to supply own gel).

2 x Quartet Fresnels located on onstage booms for curtain warmers.

4 x Fusion Spots located on onstage booms for general purpose (break ups and specials).

The lanterns listed above are taken from the in house stock list. This rig may be added to during your hire. However, removal of this permanent rig may only be done so by prior arrangement with our technician and a minimum of 30 days before the start of the hire.

ALL lighting stock that is moved or removed must be put back to its original state before the hirer leaves the venue.

Power:

4 x 32a supply in control room (used for dimmers).

4 x 13a sockets on stage (located on floor by back wall).

There is also a 4 socket EMO unit (13a) in the lighting box next to the sound desk.

There are other 13A sockets located around the venue. Hirers are responsible for ensuring that any cable trails are made safe by taping down, cable bridging or matting.

### Miscellaneous

IR camera located above lighting box. Monitors for this are located in the lighting box and offstage left and right.

5 x stage weights (shackled).

1 x lectern.

Two ramps are available for wheelchair/flight case/dolly/truck access to stage.

A set of Zargee ladders are available for access to the grid. The Blakehay Theatre also has its own scissor lift. Use of this must be under the supervision of a member of our technical staff.

**Hirers must provide evidence of adequate working at height training before use of the ladders is permitted and the correct PPE must be worn when using the ladders.**

**Hirers are reminded that the consuming of any hot food in the auditorium, control booth or dressing rooms is strictly forbidden.**

### Stage Management

3 x Mitex 2 way radios with ear pieces (15 channels). Technical Crew are requested to work on channel 15.

The venue has an internal four zone paging system for calls to dressing rooms, auditorium or foyer. Call points for this are located in the control booth and the box office. JBL Control 1 speakers for this system are located in the upstairs and downstairs dressing room, bar, foyer, Ladies and Gents toilets and Upper Studio. Please liaise with the Duty Manager or Technician if you wish to make announcements to the audience during your performance.

## STUDIO THEATRE

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### The Stage

Wooden floor painted black

Depth: 2.75m

Width: 4.16m (from proscenium line)

Proscenium Height: 2.71m

Height to grid: 3.24m

Stage Height from studio floor: 0.64m

Crossover at back of stage from Stage Right to Stage Left.

Pass door to studio floor located Stage Left

Access to stage via door in Stage Right wing space.

3 x treads for access from studio floor to stage.

Various black masking flats are available.

White screen painted onto back wall but can be covered if needs be.  
(Please speak to our Technician regarding this).

### Power

13a sockets located in SL and SR wing spaces and at the back of the studio space by the technical area.

### Lighting

1 x 6 channel IWB located FOH

1 x 4 channel hot powered (13a) IWB located on stage.

2 x Quartet Fresnels on FOH bar to provide warm and cold washes.

2 x Stratos LED Washes located on stage to provide colour washes.

LED Par house light system.

1 x Strand DIG6 6 channel dimmer

1 x Zero 88 Jester 48ML Lighting Desk

1 x QTX Lighting 4 way DMX splitter located by technical area that splits DMX to the houselights, FOH bar and onstage bar.

**Where possible, hirers are required to supply their own gel.**

Please Note; lighting equipment can be used from the main house's stock list (subject to availability). Please speak to our Technician regarding this.

### Sound

1 x Yamaha MG16/6 FX 16 channel mixing desk.

1 x Pulse PLA900 Power Amp

4 x Bose Model 101'2 located on Proscenium.

1 x QTX Active Sub. Located offstage right on studio floor.

1 x Pulse AP58A Active Speaker. Mainly used for centre fill in cinema format.

1 x 16/8 multicore. Located offstage right.

4 x Clever Acoustics Act 35 powered speakers. Located on walls in studio space to support 5.1 surround sound.



Please Note; Sound equipment can be used from the main house's stock list (subject to availability). Please speak to our Technician regarding this.

## AV

1 x Optoma W330 Projector. Located in cradle on FOH lighting bar. VGA line from technical area to projector. VGA line also located offstage right to projector.

1 x Sony DVP SR760H DVD Player.

## Miscellaneous

The venue has an internal four zone paging system for calls to dressing rooms, auditorium or foyer. Call points for this are located in the control booth in the main house and the box office. JBL Control 1 speakers for this system are located in the upstairs and downstairs dressing room, bar, foyer, Ladies and Gents toilets and Upper Studio. Please liaise with the Duty Manager or Technician if you wish to make announcements to the audience during your performance.

Black drapes located at back of studio space to cover main windows in the room to ensure TBO.

50 x foldable chairs are available for use in the space. These are located in the studio on trolleys. Please speak to our technician if you require the use of these.

2 x dressing rooms are available. They are located backstage of The Main House. If you require the use of these, then please contact the Theatre Manager prior to booking.

3 x Mitex 2 way radios with ear pieces (15 channels). Technical Crew are requested to work on channel 15.

A set of Zargee ladders are available for access.

**Hirers must provide evidence of adequate working at height training before use of the ladders is permitted and the correct PPE must be worn when using the ladders.**

**Hirers are reminded that the consuming of any hot food in the auditorium, technical area or dressing rooms is strictly forbidden.**

## THEATRE BAR

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### Stage

Wooden floor to dark oak finish.

Stage Height: 0.16m

Depth: 2.28m from centre line.

Depth: 1.54m stage left, 1.11m stage right.

Height from stage floor to ceiling: 2.50m

Banisters and railings located on ends of stage left and right.

### Power

2 x 13a sockets located back wall centre

2 x 13a sockets located back wall SL

2 x 13a sockets located back wall SR.

### Lighting

At present there is no permanent lighting rig located in the theatre bar. However, The Blakehay Theatre has various LED fixtures that could be used for your performance. Please contact our Technician prior to your booking regarding this.

### Sound

1 x Peavey Escort 3000 portable PA system.

The Blakehay Theatre also has other sound equipment available from our Studio Theatre and Main House stock lists. Please speak to our Technician prior to your booking regarding this.

### AV

1 x Sharp Aquos HD TV located permanently on the stage back wall.

The TV has VGA, USB and HDMi Inputs. Please speak to our Technician if you require the use of this prior to your booking.

The Blakehay Theatre also has other AV equipment available from our Studio Theatre and Main House stock lists. Please speak to our Technician prior to your booking regarding this.

**It is requested that hirers provide their own laptop for AV playback.**

### Miscellaneous

3 x Mitex 2 way radios with ear pieces (15 channels). Technical Crew are requested to work on channel 15.

## IMPORTANT INFORMATION & CONTACT DETAILS

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The venue has an internal four zone paging system for calls to dressing rooms, auditorium or foyer. Call points for this are located in the control booth and the box office. JBL Control 1 speakers for this system are located in the upstairs and downstairs dressing room, bar, foyer, Ladies and Gents toilets and Upper Studio. Please liaise with the Duty Manager or Technician if you wish to make announcements to the audience during your performance.

**ALL** electrical equipment brought into the venue by hirers must have an up to date PAT test and be subject to a visual inspection by our technician. PAT test certification for electrical equipment must be brought to the venue with the hirer. Failure to do this may result in your equipment not being allowed into the venue.

**Hirers must** ensure that the correct PPE is worn and used at all times by their workers, members, volunteers or associates. The Blakehay accepts no responsibility for any injuries that may occur due to negligence by its hirers.

All items on this list are subject to change at anytime and the Blakehay Theatre reserves the right to change these specifications without notification to its hirers.

**All Hirers must** clear with the technician the use of tape on the Stage Floor. Failure to do so may result in loss of your damage deposit.

For more information please contact Rob Heath (Technician) via email: [blakehay@wsm-tc.gov.uk](mailto:blakehay@wsm-tc.gov.uk)