

WINDING WHEEL THEATRE

Technical specifications

The Winding Wheel Theatre
13 Holywell Street
Chesterfield S417SA
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Chesterfield Borough Council's secure file transfer service:

<https://chesterfield.egressforms.com/>

Core working patterns for one-night concerts coming in on a standard professional contract:

In order to comply with working time regulations, our crew will normally work the following core hours:

Where a morning start is required:

9am to 1pm, 2pm to 6pm and 6.30pm for the show.

Where an afternoon start is required:

1pm to 5pm and 6pm for the show.

Deviation from this pattern is of course possible by prior arrangement.

Show staff:

Please note that the standard Chesterfield Venues professional contract provides for a duty stage technician and a lighting board operator. The lighting board operator can be diverted to another technical role, but the duty stage technician cannot.

Get-out:

Our technical staff will help you get your gear out at the end of a show, but your company will be charged for this. **If you do not want to pay for a get-out and would prefer to do it yourselves, please inform us immediately upon your arrival.** Please refer to your contract for the latest scale of crewing fees and charges.

If you are coming in on an amateur hire, your contract may not allow for the supply of any technical staff. In this case, please give us two weeks' notice of your requirements. **Please check your contract!**

The venue requires that it is able to open the house one hour before your performance time. Please bear this in mind when devising schedules.

The technical team are happy to accommodate any requests for site visits from companies planning to perform at the Winding Wheel.

Stage details:

- The Winding Wheel's auditorium space is a former cinema, with a flat, parquet floor and a raised, flat stage behind a proscenium arch at one end. Its stage is a trapezium, with its upstage and downstage sides broadly parallel. The upstage side is the shorter of the two, so the stage gets wider as you get further downstage.
- The stage is black-painted hardboard on a plywood top.
- The stage is rated to allow a point load of 5kN / m², evenly distributed.
- Fixing is allowed.
- Get-in to stage level: via double fire exit doors and up a ramp. Get-in to floor level: via emergency exits or via a loading bay at the opposite end of the auditorium. Performer access is via steps and a doorway upstage right.
- There is no wing on either side of the stage.
- There is no upstage crossover between stage right and left.
- There are no house tabs; there is no flying, and there are no tested rigging points.

Stage management facilities:

- There is no fixed prompt corner.
- The venue has cue lights, and a Techpro headphone communication system can be extended to cover the stage, LX and sound operating positions and follow spot positions.
- There is a show relay and dressing room calls system.
- There are no house tabs.
- The stage walls are painted black and dressed with soft black legs.
- A white canvas cyc is available.

- Six dressing rooms are available, to accommodate a total of 25 adults.
- Three of these rooms do not have washing facilities.
- There are three shower rooms.
- An adapted dressing room is available for disabled users.
- There is no dedicated company office.
- A washing machine and dryer is available, but they are in a shared kitchen, so please inform us of any need to use it in advance of your visit.

- The venue has two upright pianos. Please give us two weeks' notice of any requirement for tuning, the cost of which will be re-charged to your company.

- Please note that the provision of any items extra to those specified in your contract may attract additional charges.

- The venue has Wi-Fi: details will be shared with you on arrival.

Dimensions:

Height of stage: 980mm
Width at downstage edge: 12425mm
Width at proscenium arch: 8530mm
Width between upstage corners: 7290mm
Depth to upstage left corner: 7050mm
Depth to upstage right corner: 7250mm
Depth to narrowest point of prosc arch: 3510mm
No.1 black tabs are 3550mm upstage
No.1 LX is 3900mm upstage (barrel is 6000mm long)
No.2 LX is 5300mm upstage (barrel is 6000mm long)
No.2 black tabs (for crossover) are 5750mm upstage
Height of proscenium: 4665mm
Height of proscenium border: 4215mm
Usable height of stage between prosc and No. 2 LX: 5700mm
Height of stage upstage of No. 2 LX: 5340mm
No.1 LX ascends to 4780mm
No.2 LX ascends to 4720mm
Height of tab tracks: 4470mm

Varying the stage's size:

- The venue has a powered stage extension. Centred on the stage's centre line, it is 6.44m wide and extends to 3.5m deep. It is possible to set the extension at any depth between 0 and 3.45m, but only at a height of 0.58m. For the extension to be full stage height, it must extend to 3.5m.
- We can provide temporary, full-width stage extensions to depths of four feet, eight feet and twelve feet. Our ability to do this for your show is dependent upon (1) our having the time within our programme to do it and (2) the removal from sale of stalls seating that would otherwise be in the area covered by the stage extension. It is therefore important that any request to extend our stage's size is discussed as soon as possible, ideally at the contract stage. Extending the stage obviously has implications for the delivery of your lighting and sound requirements, so please discuss this with us at the earliest opportunity.

LIGHTING

Operator's position:

Our lighting is normally operated from a position on the dress circle, stage right. Please advise us of any requirement to operate in the rear stalls as soon as possible, since this requires that certain seats remain unsold.

Power:

- 200A TP/N via powerlock connectors **OR**
- 100A TP/N via Ceeform connector **OR**
- 63A TP/N via Ceeform connector.

All located near the USR corner of the stage.

These supplies can be used in conjunction with the house dimmers.

- We do not have extra distro, extensions or adaptors for any of the above power sources

Over Stage lighting positions are provided by two ladder truss bars, suspended on chain hoists. Refer to above dimensions for positions. Maximum load is 250kg per bar, evenly distributed.

FOH lighting positions are provided by four rectangular trusses.

- **No.1 truss** – closest to the stage – 10800mm wide, 1600 deep.
The US edge of this is 1050mm upstage of the DS edge of the stage.
- **No.2 truss:** 10800mm wide, 2550 deep.
The US edge of this is 890mm DS of the DS edge of the stage.
- **No.3 truss:** 10800mm wide, 2550 deep.
The US edge of this is 4540mm DS of the DS edge of the stage.
- **No.4 truss:** 10800mm wide, 2550 deep.
The US edge of this is 8090mm DS of the DS edge of the stage.
- Maximum load per truss: 800kg, evenly distributed.
- Spot load is 55kg on a single truss beam.
- Trusses ascend to 7200mm.

Lighting Control:

ETC Ion desk controlling 120 ways of 10 amp Zero 88 Chilli Pro dimmers, hard-wired to the following locations:

- **Over stage:** 12 ways each on LX1 and LX2
- **Over auditorium:** 24 ways each on No. 1, 2 and 3 trusses; 12 ways on No. 4 truss.
- **At stage level:** 6 ways each just behind proscenium on stage left and stage right.
- All socket outlets are 16 amp ceeform connectors.
- The normal LX operating position is circle front, stage right side.
- DMX outlets are available on trusses 1.2 and 3 and by LX 1 and LX 2.

Lantern stock:

- 10x LEDJ Performer 18 Quad Zoom
- 10x LEDJ Performer Quad 18 mkII
- 24 x 750W Source 4 15-25 zoom
- 12 x 1kW CCT Starlette floodlight
- 16x 1kw CCT Starlette fresnel
- 6x 1kW Selecon Rama 150 fresnel
- 6x 750W Source 4 25-50 zoom
- 2 x Robert Juliat "Alex" follow spots

SOUND**Operator's position:**

Our sound is normally operated from a position on the dress circle, stage right. Please advise us of any requirement to operate in the rear stalls as soon as possible, since this requires that certain seats remain unsold. If operating from rear stalls, please supply your own multicore and stage boxes.

Power:

A 63A single-phase supply is located near the USR corner of the stage.

Control and effects:

- Allen & Heath ML 3000 mixer
- 4 channels of Drawmer DL241 compressors
- BSS FCS966 and Rane ME15s graphics
- Yamaha SPX 990 multi-effects processor
- Yamaha SPX2000 multi-effects processor

Fixed Loudspeaker configuration

- One pair of D&B Ci90 speakers on each side of the auditorium, mounted at the end of the proscenium wall, four metres off the ground.
- One pair of D&B Ci7 subs by base of proscenium, under the permanent stage.
- One pair of D&B E3 speakers mounted in auditorium for side fills.
- One pair of D&B Ci80 speakers mounted above circle front for balcony fills.
- One pair of D&B E3 speakers mounted in circle for balcony fills.
- Six Logic Systems LM12 speakers available for monitors and front fills.

Amplification and processing:

- D&B D12 amplifiers, driving the Ci90 speakers and Ci7 subs.
- D&B E-pac amplifiers driving the front and balcony fills.
- Crest amp driving the side fills.
- Mc2 Audio T500 amplifiers driving monitors via speakon connectors behind the proscenium arch.

Sends & tie lines

- 32 ways from stage right (duplicated on stage left) to house mixer location
- 12 sends from house mixer location to amplifier rack off stage right.

Please note that our local parish church uses a radio microphone on VHF frequency 191.9. Visiting companies are requested to avoid the use of that frequency in the venue.

Transport

The venue will try to accommodate requests for overnight arrivals.

View of stage, from SR follow-spot position:

