

WINDING WHEEL TECHNICAL SPECIFICATIONS

Winding Wheel, Holywell Street, Chesterfield, Derbyshire, S41 7SA

THE FOLLOWING INFORMATION IS RELEVANT WHEN HOLDING A PERFORMANCE AT THE WINDING WHEEL.

Technical Office contact number: 01246 345 219

Technical Co-Ordinator: **Stuart Basson** stuart.basson@chesterfield.gov.uk

Stage Management: **Trig Watson** trig.watson@chesterfield.gov.uk

Lighting: **Shane Ayres** shane.ayres@chesterfield.gov.uk

Sound: **Jack Floyd** jack.floyd@chesterfield.gov.uk

Theatre Address: Holywell Street, Chesterfield, S41 7SA. (Get-in at rear of venue via Cowley Close)

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. Unless we hear from you in advance, we will assume an afternoon start for two crew members. Please check your contract in respect of staff supplied for shows. If you are late, the crew may still take breaks at the times indicated above.

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

This is tremendously important. 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.** As of Fri 1 April 2016 get-outs are charged at £69 per person for the first two hours or part thereof, and £34.50 for each hour (or part) after that.

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.



- Smoking is not allowed anywhere in the building.
- The consumption of alcohol is not allowed in any backstage area at any time.
- 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 load of $0.5\text{kN} / \text{m}^2$, 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 from stage right to 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. There are six cue lights points but the venue currently shares the master station with the Pomegranate Theatre so please give us as much notice as possible of a need to use them. 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 or cyc; the stage walls are painted black.

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. There is no wi-fi. 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.

See next page for dimensions.



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

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 have a number of 8x4 rostra that may be used to fill in the sides when the stage is fully extended, to take the width closer to that of the permanent stage.

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. We do not have extra distro, extensions or adaptors. These supplies can be used in conjunction with the house dimmers.

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.

See next page for FOH lighting.



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.

Pre-rigging may be possible, provided that we have your most up-to-date lighting plan two weeks before your arrival.

Control

Zero 88 Bullfrog desk controlling 96 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

40 x 1kW par 64 par can

16 x 1kW par 64 floor par

6 x 750W Source 4 15-25 zoom

6 x 1kW CCT Starlette floodlight

6 x Strand T84 1kW profile spot

2 x Robert Juliat "Foxy" follow spots

See next page for sound.



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.

Power

A 63A single-phase supply is located near the USR corner of the stage. There is also a 32A three-phase supply to the venue's sound system, which breaks out into 3x32A single-phase sockets; This stands independent of the 63A single phase supply and can also be used if some or all of the venue's system is not otherwise needed.

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

Loudspeaker configuration

One pair of D&B Ci90 speakers on each side of the auditorium (4 in total.)
One pair of D&B Ci7 subs by base of proscenium.
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 mixer location
12 sends from 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.

Last revision 11/2/16

