

**THEATRE
ROYAL
WINCHESTER**

PART OF

**PLAY
TO THE
CROWD**

Theatre Royal Winchester
21-23 Jewry Street
Winchester
SO23 8SB

01962 844 600
info@playtothecrowd.co.uk
theatreroyalwinchester.co.uk



Theatre Royal Winchester Technical Specifications

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Venue Address

Theatre Royal Winchester
21-23 Jewry Street
Winchester
SO22 8SB

Staff

Chief Executive Officer Deryck Newland
Business & Ops Director Dan Angus
Technical Manager Tom Pearce
Finance Manager Lindsay Nock

Telephone Numbers

Box Office: 01962 844 600
Technical Team (Direct Line): 01962 673 755
Technical Team (Mobile): 07955 660402

Seating Capacity

Stalls: 252
Circle: 142
Total: 394
Sound & LX Stalls position – 14 seats
Auditorium Treads – 5 seats (dependant on position)
Orchestra Pit – 34 seats

Please inform the theatre at the earliest opportunity for the removal of any seats from the seating plan.

Stage Access

Get-in:

We have a loading bay just outside the theatre, exact location of which is What 3 Words: [///pranced.fizzle.shadow](#) - upon arrival please contact the technical team who will come and let you through the bollards.

Please note there is room for either one articulated lorry, or 2 to 3 vehicles depending on size. There is parking available at nearby car parks on Jewry Street, Tower Street and Worthy Lane Car Park.

For load in there are dock doors with a ramp that will be lowered upon arrival.

Stage Specifications

The stage surface is hardboard on a ply-sprung floor. There is a black dance floor down permanently, so drilling and screwing to the floor is not allowed.

If the dance floor is not required, this must be communicated to the **Technical Manager** at least 28 days before you come into the venue.

Flat Stage

Proscenium Width: 7800mm (narrowest point)
Proscenium Height: 6000mm
Proscenium with optional forestage/orchestra pit
Apron Depth: 2650mm
Apron Width: 8750mm
Height of Grid: 13200mm
Front of stage to rear wall 9400mm
Safety curtain to rear wall 8500mm

Wing Space

Stage Right: 3500mm deep
Stage Left: 2200mm deep
There is a backstage pass corridor.

Orchestra Pit

Orchestra Pit Width 8.90m
Orchestra Pit Depth 2.60m Widest 2.10m Narrowest
Orchestra Substage 8.35m Long 1.25m Wide

Tabs

House tabs on Bar 1 7360mm drop
Cyclorama Cloth drop width Semi-wrap 6400 12000mm

Blacks

4 x Borders 1830mm by 9750mm
10 x Legs 6500mm by 1500mm
1 x Black gauze 6860mm by 8900mm
1 x Blacks full 6400mm by 8900mm
Permanent cinema screen on Bar 18 (please note this is **not** removable)

Type of Flying System

Double purchase counterweight, with 34 lines
Barrel (pipe) diameter 48mm OD
Barrel length 8900mm with 750mm ext. (n.b. restricted flying height when extensions used)
Max load rating per set 290kg
Maximum out dead 12800mm
Restricted out dead SR 4880mm
Restricted out dead SL 7500mm
Overall load rating 10.2 tonne
Spacing between lines 200mm (please refer to plans)

Access Equipment

Tallescope max platform height 5.94m
1 x 7 Tread A frame ladder
1 x Combi
1 x Zarges - max. height A configuration - 6.9m or leaning - 9.7m.

Stage Manager Facilities

1 x Stage Manager desk
Prompt corner position is DSL
Backstage/FOH call facilities are available
First Aid boxes are kept well stocked on the stage

Communication System

4 x Canford Techpro Belt packs BP111
4 x GreenGo Wireless Comms Belt packs GGO-WBPX
8 x Canford Techpro Headsets BP111
1 x Tecpro MS721 Master Station
4 x Hollyland M1 Comms Units With Headsets.

Power

104 channels of dimmable 15 amp - various locations across the venue.
15 amp hot power - 4 at stage level in each corner of the stage.
13 amp sound power in each corner of the stage
1 x 63a Single phase - Stage Left
1 x 63a Three phase - Upstage Right

Lighting Stock

Control

ETC Ion Xe 2048 + 1 x 40 Fader Wing
iPad with ETC iRFR Focus Remote
3 x IWB 16 Channel
1 x IWB 18 Channel (Used for LX1 on Bar 3)
104 Dimmer Channels - Run from Strand LD90 Dimmers. All 2.5k Circuits, excluding channels 105-108 which are 5k circuits.
6 x DMX Controlled Non-Dim circuits
15 amp Hot Power in all stage corners and fly floor level
DMX Patches throughout the building.

Up to 16 Universes of ARTNET via 2x Chauvet NETX2 Nodes. These are on the fly floor.
Any changes to network settings must be agreed in advance with the technical manager.

Luminaires

Some units are available for hire only and do not come as part of the standard hire costs for a rig. *Please enquire for details.*

The Front of House bridge is rigged as standard with 8 x Source Four 19 degree and 6 x Source Four 26 degree units & is rigged with 3 LED Colorsource Source Four 15 - 30 zoom profiles as standard. *Please let us know in advance if you need to change this.*

18 x 1000w Long Nose PAR Can 64
3 x 1000w Short Nose PAR Can 64

A range of CP60/CP61/CP62 1000w lamps are kept in stock for our Parcans – please let us know in advance what lamps are required so we can check stock.

8 x 750w Source Four 19 Degree Fixed Lens – **rigged on FOH bridge as standard**
8 x 750w Source Four 26 Degree Fixed Lens – **6 rigged on FOH bridge as standard**
4 x 750w Source Four 36 Degree Fixed Lens
6 x 650w Strand 15/32 Degree Zoom Profile
6 x 650w Strand 23/50 Degree Zoom Profile

16 x 1000w Strand Cantata PC
14 x 1000w Strand Cantata Fresnel

A total of 30 sets of barn doors are available for the above PC and Fresnel units.

6 x ETC Colorsource Cyc units
6 x ETC Colorsource Source 4 15/30 zoom
9 x Chauvet Ovation LED Fresnel - **rigged overhead DS, MS and US as standard**

6 x 12V Birdies
6 x Pulsar Pinspots (PAR 36)
1 x Mini UV bar

Accessories

20 x Source Four B-Size Gobo Holder
17 x SL Profile B-Size Gobo Holder
3 x SL Profile Iris

Lighting Positions

(please refer to plans)

34 x Overhead bars (Bar 1 and bar 18 are not usable)
2 x Auditorium side proscenium booms
2 x Circle L & R goal posts (6 channels on each)
1 x FOH lighting bridge
1 x Rear Circle bar
6 x Booms + boom bases

Sound Equipment

Mixer

Yamaha DM7 & DM7 Control
2 x Yamaha TIO1608-D2 Stageboxes
16 Channels Into DM7 Patchable From hard Points In The Building

Front of House Speakers

2 x EM Acoustics R8 Passive Speakers (Stalls L/R)
2 x EM Acoustics R8 Passive Speakers (Circle L/R)
2 x EM Acoustics S18 Subwoofers (L/R)
4 x EM Acoustics EMS41 Speakers (Front Fills) **Removable upon request in advance**
2 x EM Acoustics R10 Passive Speakers (Centre Cluster Stalls & Circle)

Stage Monitors

4 x EM Acoustics M12 Monitor Wedges

Amplifiers

5 x EM Acoustics DQ10 Amplifiers (Dante Fed)

Audio Playback

Apple Mac Desktop Computer with Q-Lab Pro 4

Microphones

4 x Sennheiser ew100 G3 Radio Microphone receivers (rack case #1)
3 x Sennheiser ew100 G3 Radio Microphone receivers (rack case #2)
2 x Sennheiser ew G4 Radio Microphone receivers
7 x Sennheiser ew100 G3 Radio Microphone Belt Packs
2 x Sennheiser ew G4 Radio Microphone Belt Packs
2 x Sennheiser ew G4 Radio Microphone e835
2 x Sennheiser Antenna paddles
4 x Shure SM58
2 x Shure SM57
2 x Rhode M5 Condenser (matched pair)
2 x Sennheiser MKH 416
2 x Crown (AKG) PCC160

Microphone Stands

6 x Upright Round Base
6 x Boom Stands
2 x Short Boom Stands
Multiple Mic stand clips

DI Boxes

5 x Ultra DI Boxes Active (Phantom or 9v Battery)

Cables

Speakon Cables 10m
Speakon Cables 5m
5 pin XLR - Ranging 1m from to 10m
3 pin XLR - Ranging from 2m to 30m
2 x VGA cable 20m
1 x HDMI 10m
2 x Cat 5 cable 10 m
BNC cable
Jack Cable

AV Equipment / Projector

Optoma ZH606E Projector - Setup for front on projection

Cinema Setup - Fixed Position

Barco Series 4 SP2K-7 Smart laser projector.
Dolby CP950 Cinema Audio processor
16x QSC S8T A Two-way Loudspeaker - 5.1 surround sound
2x QSC DPA4.2 4 Channel Power Amplifier

Live Streaming Equipment

3x Panasonic AW-HE40 SWEJ9 Pan, Tilt and Zoom Remote Controlled HD Camera
Blackmagic Design ATEM Television Studio Pro 4K
Cisco SG350-10MP Gigabit managed switch with PoE+ power
Windows 11 Streaming rig with 3 x HDMI input

Backstage Facilities

There are 3 Dressing rooms. There's a larger room available at request, this is subject to a hire charge.

Laundry facilities are located on the first floor (with lift access) with a washing machine and dryer.

Dressing Room 1

1 x Sink
5 x Chair
2 x Shower
2 x toilets on same level - 1 x Accessible with shower
1 x Fridge
Counter top space for 5 adults with mirror
Level access to stage
Lift Access

Dressing Room 2

1 x Sink
3 x Chair
1 x Shower
2 x toilets on same level

Green space on same level with sofa, microwave, water fountain and fridge
Counter top space for 3 adults with mirror
Bench space with sofa
Lift Access

Dressing Room 3

1 x Sink
3 x Chair
2 x toilets on same level

Green space on same level with sofa, microwave, water fountain and fridge
Counter top space for 3 adults
Lift Access

Meeting Room/Dressing Room 4

(Additional Hire cost and subject to availability.)

Can be configured in various ways.

16 x Chair
6 x Tables
2 x Mirrors
2 x toilets on same level
Lift Access to same level

Assistive Listening System and Audio Description

We have an RF assistive listening system, the sound is transmitted via radio frequency (2.4GHz) to a receiver and headphones. We have two channels in the venue. One channel sends out a feed of the show, using a mixture of ambient microphones and a mix from the sound desk. The second channel is available for audio description, we have a small mixer and microphone headset available to use.

Assistive listening

20 x Receivers
20 x Headphones
20 x Inductive Neck loop