

# Campus West

WELWYN GARDEN CITY

## TECHNICAL SPECIFICATION

Version 8  
Updated: June 2020

CW Entertainment  
Welwyn Garden City Herts.  
AL8 6BX

Technical Manager: 01707 357141

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Venue website: [www.campuswest.co.uk](http://www.campuswest.co.uk)

Theatre Hire: [m.woolman@welhat.gov.uk](mailto:m.woolman@welhat.gov.uk)  
01707 357172

### Theatre Auditorium

The theatre boasts a 328 seating capacity.

There are 3 wheel chair spaces with an accompanying seat for a companion/carer accessed from the rear of the auditorium.

### Orchestra Pit

When using the Orchestra Pit the Capacity is reduced by 60 seats, bringing the capacity to 268.

When using the Sound Position the Capacity is reduced by 12 seats, bringing the capacity to 316.

Full House – 328 Seats

Full House with Orchestra Pit – 268

Seats Full House with Sound Position – 316 Seats

Full House with Orchestra Pit and Sound Position– 256 Seats

Note: The Orchestra pit is sectional so can be part used to retain some seating capacity, please talk to our technical team for further information.

### **Stage Space**

See Stage Plans for Scale drawings.

Stage depth from Front Edge to Cyclorama is 7.95m

Stage depth from Setting Line (Back Edge Of Iron) to Cyclorama is 6.55m

Stage depth from Setting Line to Back Wall is 7.50m.

Stage Apron from Setting Line to Stage Front Edge is 1.40m

Pros opening width is 10.33m

Pros height is 4.96m

SR Dock area is approximately 25sqm

SL walkway only

Dock Door is 3.6m Wide by 5.60m High

Clearance under Fly Gallery and Plug up Floor is 5m MAX

### **Dressing Rooms**

#### *Ground Floor*

Dressing Rooms 1 and 2 are located on the ground floor

Both have two sinks with hot and cold running water, lit mirrors and a wardrobe space. There is also a connecting door to link 1 and 2 together for larger groups. Each room can hold around 10 cast members.

#### *1st Floor*

Dressing Rooms 3, 4 and 5 are located on the 1st floor.

All three have one sink with hot and cold running water, lit mirrors and a wardrobe space. Each room can hold around 6 cast members.

#### *Green Room*

On the 1st Floor there is also a full equipped kitchen/Green Room with a sink (with hot and cold running water), Fridge, Washing Machine, Tumble Dryer, Microwave kettle and crockery.

## **Access to the Theatre**

Access to the Backstage areas and Scene Dock is via the Service Road at the rear of the building. The Scene Dock and Stage are at street level. The Scene dock area is approximately 30sqm with a Scene Dock Door of 3.60m wide by 5.60m high.

## **Flying System**

The System comprises of 15 Single Purchase Counter Weight Bars, 5 Double Purchase Counter Weight Bars, 1 PileLine Winch (Cyc Bar) and 1 Hemp Bar Upstage (Hemp for Lightweight Cloths Only).

Single Purchase SWL 250Kgs

Double Purchase SWL 190Kgs

PileLine Winch SWL 250Kgs

Hemp Bar SWL 100Kgs

A total of 22 Flying Bars.

Bar Length is 12m Grid Height 12.20m.

Max Flying Height 11.60m

Standard Cloths/Frenchmen to be flown should be no deeper than 6m.

## **Stage Stock**

We have a well supplied stock of staging equipment at your disposal.

### *Stage Hardware:*

16x Stage Braces

20x 12.5Kg Stage Weights

10x 8ft x 4ft Black Steel Deck – leg heights available are 30cm, 60cm, 90cm

2x steps for full height steel deck platform

1x Full Stage Black Harlequin Studio Dance Floor (laid in advance by request only).

### *Cloth Stock:*

6x 6m x 2m Black Serge Legs

2x 6m x 1.2m Black Serge Legs

4x 2m x 12m Black Serge Borders

1x 6m x 12m Full Flat Serge Black

1x Fibre Optic Black Star Cloth (2x Robe Fibre Beam Light Sources)

1x 6m x 12m White Sharks Tooth Gauze

1x 6m x 12m Black Sharks Tooth Gauze

1x 6m x 12m White Cyclorama

1x 6m x 12m Black Conference Cut Cloth (Centre Cut Out For Rear Projection Screen)

1x 6m x 12m Pair of Black Midstage 25% Fullness Tabs and Track

1x Pair of Blue House Tabs (Motorised Track)

*Access Equipment:*

1x Gene lift (IPAF Class 3a)

1x Large Zarges

1x Small Zarges

1x 6ft step ladders

1x 4ft steps

*Misc Hardware:*

20x Lit Rat Stands

1x Lit Conductors Rat Stand

1x TriLite Truss Lectern

Various Flying Irons

(NB. All items that are to be flown must be checked by Theatre staff/Crew before any movement of flown pieces takes place. Steel Wire Rope terminations must also be checked

**SM Desk**

Stage Managers Desk is located DSR with Full Colour Show Monitor and Back Stage Calls Mic to Dressing Rooms.

**Lighting System**

*Control:*

ETC Ion with 1 x 40 fader wing

IPAD for Wi-Fi remote control.

DMX Distribution network around the Theatre for use of Smoke Machine, Hazers, Moving Lights, etc.

Universe 1 for in-house dimming, Universe 2 for Intelligent fixtures.

*Dimmers:*

2x ETC Sensor+ Racks located in Control Room with 134 channels as below.

124x 3Kw Tungsten Dimmers plus 4 for Houselights'

6x 5Kw Dimmers for Cyc Floods and Ground rows

*Circuits Distributed as Follows:*

6x Rear Auditorium Bar

16x FOH Bar 3

16x FOH Bar 2

10x FOH Bar 1

6x SL Perch

6x SR Perch

6x SL Boom

6x SR Boom

12x LX 1

12x LX 2

12x LX 3

12x LX4

6x 5kw Cyc Floods and Ground row Circuits

Misc circuits on Fly Floor patchable to Stage Level if needed.

*Lantern Stock:*

23x Strand SL Axial Zoom Profile 18/32 600w

15x Strand SL Axial Zoom Profile 23/50 600w

34x Strand Cantata Fresnel 1.2kw

14x Strand Coda 1 Flood 500w

7x Strand Coda 4 Flood 500w (Cyc LX )

35x Par64 1kw

8x Par64 Floor Cans 1KW

4x Par56 Floor Cans 300W

13x Par16 240V Birdies

*Follow Spots:*

*Available on request, may incur additional costs.*

2x Robert Juliat Buxie with 6 Colour Mag

Various 15amp TRS Ext cables at Various Lengths

We have a stock of colour from LEE 101 upwards however If you require any specific colour please ask in advance of your performance date so we can check our stock. Additional colours may incur additional cost.

*Power Supply:*

All Located SR  
1x 32amp 3PNE  
3x 32amp 1PNE

**Sound System**

The House System comprises of:

4x D&B T10, Point Source Orientation  
2x D&B E15 Subs  
2X D&B D6 Amplifiers  
2x Yamaha 2208 Monitors.  
1x Roland V-Mixer M-400 c/w Reac B 16x8 way fixed stage box, Reac A 8x8 way stage box.

1x Yamaha LS9 16 channel mixer – plus Yamaha 8-way analogue input card

Mac Mini Focusrite QLAB Media Server

2x Denon CD players in dedicated flight case

Multicore has been installed in theatre in the following layout:

16 sends from SR to Control Room  
8 Returns to SR from Control Room  
8 Sends from SL to SR patch Box  
4 Returns to SL from SR Patch Box  
1x 15m 8 send Stage Box ending in XLR Break Out routed to orchestra pit  
Various XLR Cables of Various Lengths

Microphones

6x Shure SM58  
3x AKG SE300/CK91 short condenser  
2x Crown PCC160 Boundary Mics  
3x Phantom Powered Rifle Mics  
3x Phantom/Battery Powered Rifle Mics  
2x Gooseneck lecturn mics  
5x Audio Technica AT853W choir mic  
4x Sennheiser ew300 G2 Lapel/headset mics or 3x Handheld Mics  
2x sennheiser G3 Lapel / headset mics  
2X hand held mics

7x DI boxes

14x Boom Mic Stands

Comms:

There is a Canford Audio Tecpro Comms System fitted, with the ability to patch outputs onto their own circuits

Outputs are:

1x LX

1x Sound

1x Followspot One

1x Followspot Two

1x SM Desk

1x Fly Floor

2x SR

1x SL

1x Auditorium Centre

There are 7 Belt Packs and 7 Headsets

*Misc Sound Items:*

Infrared HOH system for Live Theatre and Film

### **Additional Items for Hire**

1x DVD Player

1x Easyrect Projector Screen 10' x 8' with front and Back Projection Skin

1x LCD Data Projector

Additional Equipment such as extra Microphones, Moving Lights, Haze Machine, Low Smoke Machines, Pyrotechnics, etc can all be provided at extra cost. Adequate lead time must be given to allow these items to be sourced. If you require specific extra items of equipment please contact the technical department with details of your requirements and we will then do our best to meet those requirements within your budget.

**Conditions of Hire:**

ALL ELECTRICAL EQUIPMENT BROUGHT ON SITE BY THE VISITING COMPANY MUST HAVE A CURRENT AND VALID PAT TEST CERTIFICATE.

ALL ITEMS OF SET AND PROPERTIES WILL BE CHECKED FOR FLAME PROOFING PRIOR TO PERFORMANCE. ANY ITEMS FOUND NOT TO CONFORM TO REQUIREMENTS MUST BE REMOVED FROM SITE.

NO CHANGES TO THE FABRIC / CONSTRUCTION OF THE THEATRE OR ITEMS WITHIN MAY BE UNDERTAKEN WITHOUT PRIOR WRITTEN CONSENT.

CAMPUS WEST THEATRE MANAGEMENT AND STAFF HAVE THE RIGHT TO REFUSE THE USE OF ANY EQUIPMENT THAT IS DEEMED UNSUITABLE OR UNSAFE FOR THE TASK INTENDED.

THE TECHNICAL DEPARTMENT MUST RECEIVE ALL TECHNICAL REQUIREMENTS, SCHEDULES AND RIDERS A MINIMUM OF 3 WEEKS BEFORE THE EVENT AND THESE MUST INCLUDE GET-IN / GET-OUT TIMES AND CREW REQUIREMENTS, EQUIPMENT HIRES, VENUE EQUIPMENT TO BE PROVIDED, LIGHTING PLANS, STAGE PLANS, SPECIAL EFFECTS REQUIREMENTS AND ALL RELEVANT RISK ASSESSMENTS.

AS THE HIRER YOU ARE REQUIRED TO CHECK ANY TECHNICAL REQUIREMENTS WITH THE TECHNICAL DEPARTMENT BEFORE YOUR EVENT.

ANY REVISIONS OR RESTRICTIONS TO THIS TECHNICAL SPECIFICATION WILL BE UPDATED ON OUR WEBSITE WHENEVER POSSIBLE. PLEASE CHECK THE WEBSITE FOR ANY CHANGES.

WE ENDEAVOUR TO MAKE YOUR PRODUCTION A SUCCESS. PLEASE FEEL FREE TO CONTACT THE TECHNICAL DEPARTMENT TO DISCUSS ANY QUESTIONS YOU MAY HAVE CONCERNING YOUR BOOKING.