



Knoll Road, Camberley, Surrey, GU15 3SY

**Main Auditorium
TECHNICAL INFORMATION**

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Quick Reference Guide

Pros Arch format: 404 seats (338 raked seating, 66 flat floor)

Orchestra pit: 385 seats (338 raked seating, 47 flat floor)

Flat Floor: 450

Stage Dimensions

Proscenium Height	3.8m
Proscenium Width	8.7m
Apron Width	11.32m
Apron to Setting Line	1.85m
Setting Line to last Fly bar	6.15m
Height above auditorium floor	1.15m
Stage to grid	6.97m
Get-In Door Width	1.5m
Get-In Door Height	3.0m
Get-In Height off Ground	1.8m

Flying System

6 x Electric Winch sets – of which 4 are used for lighting bars (SWL – 250kg)
11 x 3 line Hemp sets (SWL – 50kg)
3 x Hand winch sets – 2 SR wing and 1 SL wing used on the US/DS Bars

Each batten is 11m long

Triple E track is available to make up to 5 cross stage tracks.

Stage lighting facilities

Control: Strand 530i controlling
142 ETC Sensor dimmers (2.4kw modules).
All outputs are on 16A Connectors.

Sound Facilities

Soundcraft Series II 32 channel desk with 4 separate stage mixes.

Touring Facilities

Mains: - 1 x 63A Three Phase DSR, 1 x 32A Single Phase DSL

Multi run: - 37m approx from either DSR or DSL

FOH Position: - at centre rear of auditorium with lift access for equipment

General Information

The Main Auditorium is a multi form space which has a number of configuration options depending on the requirements of the events.

Pros Arch format	404 seats (338 raked seating, 66 flat floor)
Orchestra pit	385 seats (338 raked seating, 47 flat floor)
Flat Floor (Standing)	450
Cabaret (Tables & Chairs)	200 seats

Accessibility

The auditorium is wheelchair accessible via the main foyer and bar area. There is also lift access for the disabled to backstage.

Loop and Infra-Red Hearing System

A loop system is in operation in the box-office and foyer area.

An Infrared hearing system is installed in the main auditorium. We have 5 stethoscope receivers for partially impaired and 5 necklace type receivers to be used in conjunction with a hearing aid. Patrons are advised to turn their hearing aids to the T switch to pick up the program.

Parking

Two parking spaces are available in the theatre car park. The spaces are suitable for cars, vans and small minibuses. Passes for these spaces are available from the Senior Technicians assigned to your event. There is a large flat car park immediately adjacent to the theatre and a multi-story attached to that where additional parking can be found. Although you will be given a ticket when entering these, the barriers are lifted at 8pm and therefore when performing or attending an evening show, payment is not required.

It should be noted, the theatre does not operate these car parks and as such we have no control over such facilities.

Load-In Area

The Load-in is at the rear of the building and can accommodate vehicles up to 40ft in length. The doors lead straight into the SL wing however the load-in bay is 1.44m off the ground. For the purposes of loading in, we have a 16' ramp available for use.

Door Measurements: -

Width: - 1.5m

Height: - 3.0m

Stage Specification

Structural proscenium opening

	<u>m</u>	<u>ft</u>
Height	3.84m	12'5"
Width	8.7m	28'5"

Stage Width

Between side walls	15.71m	51'5"
Apron	11.32m	37'2"
Orchestra pit	9.2m	30'2"

Stage Depth

Apron to Setting Line	1.93m	6'3"
Setting Line to last Fly bar	6.15m	20'2"
Orchestra pit	1.8m	5'9"

Stage Heights

Above auditorium floor	1.15m	3'8"
Auditorium floor to underside of FOH bridges		
Stage to underside of Portal Bridge	4.82m	15'8"
Stage to grid	6.97m	22'9"
Stage to underside of SL balcony	2.27m	7'4"
Orchestra pit	- 0.2m or -0.5m	

Wings

SL depth	2.92m	9'6"
SR depth	3.95m	12'10"

Stage Floor

Black timber framed floor surfaced with MDF. Dance floor available though not permanently installed.

Stage rake

0 degrees (flat)

Access to stage

Access to the stage is via double doors from SR Scene Dock area, standard door SL from sub stage corridor or by treads, from the auditorium, SL and SR. There is a crossover corridor US behind the rear stage wall. A pass door from the auditorium leads you into the Scene Dock area on SR side.

House Tabs

Red velour house tabs hang below the DS Portal Bridge and can be wiped on or off stage and not flown out. They are operated from panels situated either from DSL prompt corner or from the Control Room at the rear of the Auditorium.

Stage Engineering

Flying System

6 x Electric Winch sets – of which 5 are used for lighting bars

11 x 3 line Hemp sets

3 x Hand winch sets – 2 SR wing and 1 SL wing used on the US/DS Bars

All winch sets have a SWL of 250kg. Hemp sets have a SWL of 100kg

Each batten is 11m long

Triple E track is available to make up to 5 cross stage tracks.

All hemp sets are operated from the fly gallery situated above the SL wing. All electric winch sets are operated from a control panel situated in the SL wing and all are a fixed speed.

Bar	Distance from front of stage (Approx)		Notes
	m	ft	
Bars	2.0m	6'6"	
Motor Bar 1	2.8m	9'1"	LX 1
Hemp 1	3.2m	10'5"	
Hemp 2	3.3m	10'8"	
Motor Bar 2	3.4m	11'2"	Tab Track
Hemp 3	3.6m	11'8"	
Motor Bar 3	4.3m	14'1"	LX 2
Hemp 4	4.6m	15'	
Hemp 5	4.8m	15'7"	
Motor Bar 4	5.1m	16'8"	LX 3
Hemp 6	5.8m	19'	
Hemp 7	6.0m	19'7"	
Hemp 8	6.1m	20'	
Motor Bar 5	6.5m	21'3"	LX 4
Hemp 9	7.0m	22'9"	
Motor Bar 6	7.3m	23'10"	Cyc Batten
Hemp 10	7.8m	25'6"	
Hemp 11	8.0m	26'2"	Cyc Cloth

Our Fibre Optic Star Cloth is permanently hung in front of the rear of stage wall immediately upstage of Hemp 11.

Staging Equipment

Rostra

- 4...8'x4' Steeldeck
- 1...6'x4' Litedeck
- 1...6'x3' Steeldeck
- 6...4'x2' Steeldeck
- 4...2' high Steeldeck Modular Treads
- 4...1' high Steeldeck Modular Treads

We have a continually changing stock of legs; please call for an up to date list.

- 8...1m x 2m Aluminium framed rostra
- 4...legs at 0.4m high (can be extended up to 8 legs)
- 4...legs at 0.8m high

Access Equipment

- 1 x 10 rung zarges max. height (free standing) is 4.78m, 15'8"
- 1 x mid size Tallescope max. platform height 6.0m, 19'6"
min. platform height 3.7m, 12'10"
SWL 113kg

Other Equipment

- 20 x Stage weights
- 6 x Sandbags
- 5 x Stage braces extending to 4 metres
- 8 x Stage braces extending to 3 metres
- 1 x Conductors stand with halogen light
- 8 x RAT Music stands
- 5 x Wardrobe Rails

Drapes

- Black Fibre Optic Star Cloth (Permanently rigged)
- 2 x White cotton cycs
- 3 sets of Black Legs (50% fullness)
- 3 Black Borders (50% fullness)
- 4 sets of Black Legs (sewn flat)
- 4 Black Borders (sewn flat)
- 2 sets of Black Tabs
- 1 Full stage Black
- 2 ½ stage Black
- 1 Black Gauze

Lighting System

Control

The lighting control room is situated at the rear of the auditorium
Main Console: Strand 530i (350 channel / 300 attributes)

DMX512 Patching: DMX Universe 1 to Dimmers
DMX Universe 2 to Splitter feeding LX Bars/Panels.

Temporary Power

63 amp 3 phase Ceeform is situated DSR with distribution available to also provide 3 no 63A single phase sockets or 3no 32A single phase sockets and 2no 63A single phase sockets (also Ceeform)

13 no. "NON DIM" Power Supplies on LX Bars and Facility Panels

ALL OUTPUTS FROM DIMMERS ARE ON 16A SOCKETS

Dimmers

142 ways of ETC Sensor Dimming (2.4kw Modules)

Also Available:

1 x Zero88 Betapack2 (twin 15amp outlets/32amp Ceeform in)
2 x Zero88 Alphapacks (These do not have DMX Input)

Patching

All circuits are hardwired to the dimmers as follows:-

LX 1	14 Circuits
LX 2	14 Circuits
LX 3	14 Circuits
LX 4	14 Circuits
CYC Bar	8 Circuits (Paired on bar)
FOH Bridges	24 Circuits
FOH Adv Bar	18 Circuits across 2 no. 9 way IWBs
HL & HR Perches	6 Circuits HL and 6 Circuits HR (Not Paired)
USR Facility Panel	6 Circuits Socapex Socket providing additional 6 Circuits.
DSL Facility Panel	6 Circuits (Not Paired with DSR)
DSR Facility Panel	6 Circuits (Not Paired with DSL)

House Lights

House lights are 300w R7s arranged in 5 rows of 5. Control is from the control room only.

Overstage Bars

There are 4 Motor bars pre-wired to carry lighting. LX 1,2, 3 and 4 each have 14 outlets with 16A Connectors. In addition the CYC Bar (upstage of LX4) is pre-wired with 8 no. 2.4kw circuits. Each overstage bar also has a 16A hardpower socket as well as a DMX output (5 Pin).

Lighting Equipment

Item	Quantity	Power (W)	Colour Size (mm)	Notes
Selecon Pacific 14/35	6	1000w		
Strand Cantata 18/32	6	1200w	185 x 185	
Selecon Pacific 23/50	16	600w	185 x 185	
Strand SL 15/32	4	600w	159 x 159	
ETC Source 4 Jr. Zoom	6	575w	159 x 159	
Strand Cantata Fresnels	36	1200w	185 x 185	
Strand Cantata PC	4	1200w	185 x 185	
Strand Quartet Fresnels	14	650w	125 x 125	
Strand Quartet PC	4	650w	150 x 150	
Strand Quartet 22/40	8	650w	150 x 150	
Selecon Acclaim Fresnels	8	650w	125 x 125	
Par 64 For Scrollers (CP62)	12	1kw	254 x 254	
Par 64 Longnose (CP62)	28	1kw	254 x 254	
ETC Source 4 Par (COPY)	12	575w	185 x 185	
Strand Nocturne 1k Flood	10	1000w		
ADB ACP1004 x 1	4			
1.25k cvc Birdies	4	50w		
400w UV Canon	2	400w		
Robert Juliat Korrigan	2	1.2k HMI		

Moving Heads (Subject to additional charge for hirers)

4 no. MAC 250 Entour
2 no. MAC 250 Wash.

Colour Scrollers (Subject to additional charge for hirers)

10 Chroma Q Mk2 Scrollers - 16 x Cantata backplate and 8 x PAR 64.
8 Chroma Q Universal Scrollers

Details of the stock scroll can be obtained from the Technical & Operations Manager.

Additional equipment can be hired in for which the associated costs will be passed on to the producer.

Accessories

Pacific A-size holders 7
Pacific B-size holders 5
Pacific Glass holders 6
Pacific B-size Gobo rotators 8

Effects

1 x Look Solutions Viper Smoke Machine
2 x Look Solutions Unique 2 Haze Machines
1 x 6 Way Le Maitre Pyro Controller
Standard Pyro Pods for the above.

A selection of floor stands, telescopic stands, tank traps etc are available.

Sound System

Loudspeakers

FOH centre cluster – 2 x Martin EM76
FOH Left and Right – 2 x Martin EM76
Front fill – 4 x Martin EM15 Spaced along stage
Delay – 4 x Martin EM26
Subs – 2 Martin EM201
Stage Monitors – 4 Martin F8 (hanging brackets available)

Amplifiers

Centre cluster and Left, Right -- 2 x QSC PLX2404
Front fill and Delays – 3 x QSC PLX1602
Subs – 1 x QSC PLX3002
Stage Monitors – 2 x EV1200

Touring-Multi Run

37m long (approx.)

Touring Mains Supply

A 32A Single Phase ceeform socket is provided DSL.

Sound Control Room

The sound control room is situated at the centre rear of the auditorium with the windows removed; alternatively there is a touring sound position at the centre of the last two rows in the auditorium. The size of this is variable however the bigger the position the more seats need removing.

Sound Equipment

Desk, Processing & Playback

Soundcraft Series II 32/8/2

1 x Tascam MD301 MKII Minidisc
1 x Tascam MD 350 Minidisc
2 x Denon DN-C635 CD Players
1 x Yamaha SPX990
2 x Rane 31 Band Graphic (Mono)
1 x Alesis DEQ230 30 Band Graphic (Stereo)
2 x BSS Omnidrive processors

Microphones

8 x Shure SM 58
3 x Shure SM 57
1 x Sennheiser E 845
2 x AKG D 112
2 x AKG TGX 180
2 x AKG SE 300B
1 x AKG CK 91
2 x AKG CK 98
2 x C 418
2 x AKG C747
3 x AT PRO 44
4 x EMO DI Boxes

12 x Sennheiser EW300 G2 Lavalier Transmitters
c/w Sennheiser ME2 Mic Head.

1 x Sennheiser EW300 G2 Handheld Microphone

Additional Equipment

Soundcraft Delta 24/4/2
Yamaha MX 12/6
4 x JBL Marquis
2 x EV SX200
2 x RCF ART 500D
2 x RCF Event 3000

Portable Sound Rack containing: -

1 x Yamaha MG 16/14
1 x Tascam MD301 MKII Minidisc
1 x Tascam CD450 CD Player
1 x Graphic Digital EQ
2 x QSC amps RMX 1450

Stage Management

Stage Managers Desk

This is re-locatable to positions either at DSL or in the control room at the rear of the auditorium. Audience and Backstage paging are operated from these positions. Headset and cuelights are also operated from these positions with 8 standby/ready/go cuelights available. A single colour flat screen is provided for video show relay.

Headset Communications

Headset intercom outlets are provided throughout the building. 8 Tecpro BP111s are available all with single muff headsets although 4 double muffs are available.

Show Relay/Paging

A 16 speaker system provides show relay to all backstage areas. Paging to these speakers is possible from Prompt Corner. A separate speaker system with paging station operates in the Front of House areas.

Closed Circuit Television

FOH (Front view of stage)- feeds SMD, BOH and Foyer monitors. Assorted TV monitors available.

Dressing Rooms

Number	Location	Accommodation	Facilities
1	Stage level	3	WC + Shower + Sink
2	First floor	20	Sinks
3	First floor	23	Sinks
4	First floor	16	Sinks
5	First floor	8	Sinks
Green Rm	Sub stage	25	

Wardrobe Area

The laundry area is located sub-stage next to the green room. The laundry is equipped with both a washing machine and tumble dryer and ironing facilities. Wardrobe maintenance facilities include a sewing machine and costume rails.

We have a total of 10 no. 5' Dress Rails.

Visiting Company Production Room

A temporary office can be made available for visiting Company/Production/Stage Management. The office is located at stage level near the stage door and is equipped with phone lines to allow connection of telephones, modems etc.

Please Note: Any access to phone lines requires permission from the council IT department; please contact us at least 3 weeks in advance to allow time for this.

Green Room

The Green Room is located one level below stage which, is provided for use by artists, crew, staff and their visitors. It can also be used as an extra dressing room or meeting room. A small kitchen with sink, fridge/freezer, kettles and microwaves is located adjacent to the Green Room.

