

TECHNICAL SPECIFICATION

20th September 2019

PLANS & GENERAL LIGHTING RIG

All current plans are attached. A set of notes outlining the focus and patch details of the general lighting rig is also attached. This general rig can be in place in the theatre should you require it, but if you don't, you should still be prepared to restore the rig to the general state as part of your get-out. This will be arranged during your production meetings.

THEATRE DIMENSIONS

Access: The Studio Theatre is located on the Second Floor. Access is via the front door of the building and five flights of stairs. The following dimensions are intended to give a rough idea of the restrictions on scenery size. Standard 8' x 4' flats will **not** fit up the stairs; 7'10" x 4' will!

Minimum width of stairs: 1100mm

Height of doorways: 1950mm

Maximum turning circle diameter on stairs: 2400mm

Seating: The Theatre has a capacity of **50** persons. **Please see note on Seating on the next page. The measurements and details that follow are approximate. You are advised to go to <http://www.oxfordplayhouse.com/planyourvisit/VisitingCompanies.aspx> and select the Google Sketch-Up plans for a more accurate and useful view of the space.** The seating can be placed in alternative positions: **End-on**, with the stage opposite the Studio entrance, **In-The-Round**, **Thrust** or **Traverse** for which the company are required to help with the setting of the seating arrangement.

Total width of space: 8055mm

Total depth of space: 9910mm

Clearance under roof supports: 2440mm

End-on stage width (neglecting alcove SR): 7595mm

End-on stage depth: 4365mm

Side-on stage width: 9910mm

Side-on stage depth: 4180mm

In-The-Round: Varies

Please note that fire regulations prevent any scenery from being within 305mm of the front of the seating stand, which reduces the areas for scenery from those given above.

STAGE

The Studio has black walls and a light wooden floor. The ceiling is panelled in a darker wood. There are black drapes in the alcoves. The floor is easily damaged and expensive to repair; it cannot be painted or screwed into.

Stage equipment: 6 x 2380mm x 1220mm black masking flats
6 x 2m stage braces
6 x stage weights
1 x hanging window frame, stained to match the floor
1 x 1.4m stepladder
1 x 1.9m stepladder
2 tables (one large, one small) for use onstage or as props tables
2 x desk lamps for use as working lights
5 black folding chairs

Onstage power is provided by 10 x 13A sockets, all of which are RCD protected. There is no masked backstage area. There is a choice of both backdrops – black or white; please check separately whether there would be anything appropriate to your needs.

COMMUNICATIONS

There is an extensive show relay system with speakers in almost all areas. Backstage calls can be made from the Control Box. Calls to all areas can be made from the Theatre Office. The show relay can be turned down at all points; the calls cannot. There is no communication system for within the Studio.

SEATING

Please note that in order to seat 50 people in the End On position the seating now has a solid row at the front (14 seats) with an aisle between the back three rows of six either side. Therefore there is no centre aisle access to the stage. Please see google sketch-up on <http://www.oxfordplayhouse.com/planyourvisit/VisitingCompanies.aspx> for more details. This will slightly change the measurements given above and on the plans that follow in this pack.

DRESSING ROOM

The Dressing Room is located on the First Floor and accommodates 2-6 comfortably. There is hot and cold running water in both the Dressing Room and the (Front Of House) toilets.

LIGHTING

Lighting control:	ETC Element Lighting Control Console	
	1 x DMX input located in the Control Box	
	3 x DMX outputs (chained) located: one at the midpoint of each side-bar (end-on) & one at the dimmer rack	
Dimmers:	Strand LD90: 24 x 2.5kW dimmers, capable of supporting virtually any kind of load	
Non-dims:	3 x 2.5 kW Stage Electrics proprietary DMX non-dims	
Patch outlets:	48 x IWB 15A outlets located in main grid	
	20 x IWB 15A outlets located in side bars (end-on)	
	8 x 15A stagebox outlets, located in 4 pairs at the corners of the end-on stage	
Lighting grid:	Main grid height:	3.2m
	Side bars (end-on) height:	2.5m
	Back bar (end-on) height:	2.6m
Houselights:	1 x 5kW Strand Multidim dedicated DMX houselight dimmer, normally configured with the 6 x Par 16s in the lantern stock	
	Working light is provided by a number of fluorescent tubes mounted on the ceiling	
Cabling:	7 x grelco (15A double plug)	
	4 x 13A-15A jumper (plug to socket)	
	2 x 15A-13A jumper (plug to socket)	
	1 x 5m DMX cable	
	4 x 1m DMX cable	
	3 x DMX-XLR & XLR-DMX converter pairs (for extension via mic cable)	
	1 x 13A 4-way block (with 5m cable)	
	1 x 6m 13A extension lead	
	Assorted 15A TRS (0.5m to 10m lengths); enough for own stock	
Miscellaneous:	6 x GelStream 100 Scrollers (12-16 colours, DMX controlled) for Preludes (150mm back-plate); pre-loaded with house scrolls	
	8 x GH60 gobo-holders for Selecon 22/44 or 18/34 (M)	
	4 x GH06 gobo-holders for Prelude 16/30 & 28/40 (B)	
	4 x 20-leaf iris for Selecon 22/44 or 18/34	
	2 x 18-leaf iris for Prelude 16/30 & 28/40	
	1 x practical pendant fitting	
Stands:	5 x floor stands	
	Assorted spigots, clamps, boom arms and scaff	
	Projector cradle	

LANTERN STOCK

All lanterns have hook clamp, safety chain and colour frame. The theatre has a reasonable stock of common filters and a very few useful gobos. If you have specific needs for either filters or gobos please check in advance; with sufficient notice we are willing - within reason - to expand our stock to accommodate your requirements. We can also order custom scrolls if required.

Name	No	Type	Power	Beam angle	Frame size	Notes
Selecon 24/44	8	Profile	650W	24 - 44°	125mm x 125mm	All with shutters, 4 irises. M size gobos
Selecon 18/34 lenses	4	Lenses for profile	N/A	18 - 34°	125mm x 125mm	Lenses for use on Selecon profile bodies
Prelude 16/30	2	Profile	650W	16 - 32°	150mm x 150mm	B-size gobos
Prelude 28/40	2	Profile	650W	28 - 40°	150mm x 150mm	B-size gobos
Selecon F	6	Fresnel	650w	8 - 65°	125mm x 125mm	All with barndoors
Prelude F	3	Fresnel	650W	9 - 40°	150mm x 150mm	All with barndoors
Patt 743	4	Fresnel	1000 W	15 - 82°	210mm x 210mm	5 with barndoors
Selecon PC	6	PC	650w	7 - 65°	125mm x 125mm	All with barndoors
Prelude PC	6	PC	650W	7.5 - 55°	150mm x 150mm	All with barndoors
Par 16 These are used as houselights	6	Parcan	50W	21° 38° 60°	78mm x 78mm	Different (stock) lamps give 3 different beam angles
Source Four Par	4	Parcan	575W	8° (VNSP) 10° (NSP) 12°x19° (MFL) 16°x33° (WFL)	190mm x 190mm	Different (stock) lenses give 4 different beam angles
Minuette Flood	2	Asymmetric flood	500W		220mm x 230mm	
LED Colour Changers	6	Parcan				

SOUND

- Playback sources: 1 x Sony MDS-JE530 MiniDisc player with pitch control
1 x Denon DN-600F CD player with pitch control
- Processing: 1 x Lexicon Stereo Effects unit with 16 preset programs
- Reinforcement: 2 x Shure SM58 microphone
1 x Soundcraft Spirit Live 4 12+2:4:2 mixer
1 x Carver PM700 2x225W into 8 ohm stereo amplifier
2 x Martin CT2 speaker (flown)
2 x additional speakers behind audience (flown)
1 x AKG K240 pair of closed-ear headphones
- Stands: 2 x microphone boom stand
- Cabling: 1 x 25m multicore with 16 x XLR returns & 8 x A-gauge jack sends
2 x 10m mic cable
2 x 5m mic cable
2 x XLR(f) - 3-pole A-gauge jack cable (2m)
2 x 3-pole A-gauge jack - XLR(m) cable (2m)
12 x phono - 2-pole A-gauge jack cable (2m)
4 x XLR(f) - XLR(f) converter
4 x XLR(m) - XLR(m) converter
4 x XLR(f) - 3-pole A-gauge jack converter
4 x 3-pole A-gauge jack - XLR(m) converter
4 x XLR(f) - 3-pole jack socket converter
4 x 3-pole jack socket - XLR(m) converter
2 x 3-pole A-gauge jack - pair 2-pole jack sockets converter
All necessary cabling to have system permanently wired for easy record and playback, including CD to MD and MD to MD digital copying

We are occasionally able to hire additional equipment (particularly microphones) at a nominal cost from Oxford Playhouse - please check in advance if there is anything extra you may need.