

THE OLD VIC

Technical Specifications

(a) Critical Dimensions

All critical measurements should be checked and verified before get-in.

The setting line, from which all stage depths are given, is assumed to be the line running across the stage between the stage faces of the safety curtain guides. This is 180 (7"94) upstage of the proscenium line.

	Mm	Imperial
Proscenium		
Minimum clear width	8860	29'92 00"94
Maximum structural height	8515	27'92 11"94
Minimum clear height beneath scalloped pelmet	6070	19'92 11"94
Maximum clear height of scalloped pelmet	6412	21'92 00"94
Stage		
Acting area -'96 hardboard on 25mm plywood on Battens at 300mm centres Rake 1:22		
Stage Left Wing		
Width	5300	17'92 05"94
Depth	9750	32'92 00"94
Stage Right Wing		
Width	5200	17'92 01"94
Depth less doorway upstage	9750	32'92 00"94
Clear wing height	5200	17'92 01"94
Floor finish: painted concrete		
Stage depth, setting line to flying bar 53	8895	29'9202"94
Setting line to fixed stage edge	2453	8'92 00"94
Setting line to forestage elevator edge	4460	14'92 07"94
Minimum clear stage width above setting line	1500	4'92 11"94
Centreline to stage left	11205	36'92 09"94
Centreline to stage right	11460	37'92 07"94
Note: Stage right figure is reduced by immediately by power distribution board	410	1'92 04"94
Minimum clearance between fly galleries	11550	37'92 10"94
Minimum height beneath fly galleries		
Downstage	6695	21'92 11"94
Upstage	6440	21'92 01"94
Minimum clear height beneath radiant panels in both wings		
Downstage	5730	18'92 09"94
Upstage	5350	17'92 06"94
Minimum clear height in rear stage dock	5350	17'92 06"94
Stage floor to underside of forestage grid	11680	38'92 03"94
Stage floor to underside of ceiling (approx)	10500	34'92 05"94
Stage floor to underside of grid		
Downstage	15760	51'92 08"94
Upstage	15400	50'92 06"94

Rear Stage		
Depth	10650	34°92'11"94
Width from centre line to stage right	3550	11°92'07"94
Width from centre line to stage left	5600	18°92'05"94
Minimum clear height in rear stage area	5350	17°92'06"94
Forestage		
Setting line to forestage edge	4460	14°92'07"94
Setting line to forestage elevator edge	2450	8°92'03"94
Forestage extension: extends stalls by three rows of seats. Formed by shaped elevator moved by a pair of scissor lifts in tandem		
Width	1000	3°92'03"94
Depth	2450	8°92'03"94
Travel	2050	6°92'09"94
Dynamic lifting capacity	300 kg/m ²	
Static sustaining capacity	750 kg/m ²	
Forestage Grid		
Extends over forestage area with removable ceiling panels to suspend borders, sound bridge and lighting bars on spotline and winches.		
Stage floor to underside of forestage grid	11680	38°92'03"94
Stage floor to underside of ceiling (approx)	10500	34°92'05"94
Orchestra Pit		
Orchestra pit capacity approx. 20 persons		
Formed by forestage extension by two scissor lifts working in tandem		
Orchestra Pit continued... '85		
Pit size		
Width of forestage extension	2450	8°92'00"94
Width understage	3000	10°92'00"94
Depth below stalls level	1950	6°92'05"94
Half Orchestra Pit		
Reduces width of the orchestra pit by enabling 1 extra row of seats	1035	3°92'05"94
Flying Data		
1 set of single purchase counterweight house tabs		
52 sets of double purchase counterweight system situated stage right		
Height of grid from stage floor		
Downstage	15760	51°92'08"94
Upstage	15400	50°92'06"94
Travel distance		
Above stage	900	3°92'00"94
to		
Below grid	300	1°92'00"94
Distance between bars	150	0°92'06"94
Length of bars	11000	36°92'01"94
Minimum clearance between fly galleries	11550	37°92'10"94
Minimum height beneath fly galleries		
Downstage	6695	21°92'11"94
Upstage	6440	21°92'01"94
Get-In		
Off Waterloo Road		
Minimum dimensions of principal get-in upstage left in side dock		
Width between shutter frame	2250	7°92'04"94
Height to shutter box	5350	17°92'06"94
Height of sill above pavement	1325	4°92'04"94

The Gallery centre back row eye position may be taken as (horizontal) and (vertical) from forestage edge at the stage centreline.	22000 10725	17'92 02"94 35'92 02"94
Load		
Load capacity each bar	254 kg	560 lb
Number of weights:		
Steel 856	7843 kg	17290 lb
Lead 50	823 kg	1815 lb
Steel weight	9.16 kg	20 lb
Lead weight	16.5 kg	36 lb
Maximum applied scenic load	254 kg	560 lb
56 steel weights (double purchase)		
31 lead weights (double purchase)		
Total weight	8666 kg	9105 lb

(b) Facilities

PROMPT DESK & COMMUNICATIONS

Prompt desk built by Elliot Bros. in 1991.
Operated from SL, SR, Rear Stalls or DC control room.
Controls show relay backstage calls, FOH calls and the Q-Light system.
There are 22 panels around the stage, auditorium and other services providing any patchable combination for Q-Lights.
Headsets are an RTS b.p.325 with a d.t.108 headset, a twin channel talk-back system. There is a limited number of 4 working complete sets.

LIGHTING

The Old Vic provides a FOH rig of:
28 x CCTsil 15 axial

[Note: please confirm condition and functionality of these lamps prior to get-in]
A schematic of the house rig is included in this pack.

Dimmers
22 x 5kw dimmers
218 x 2kw dimmers

Independents
There are 12 independent circuits controlled from D.C Lighting Control room, two off a 30amp ring main on stage

Control room is situated in the D.C.
Control is via a pair of ETC Expression 2 consoles with an infrastructure of DMX and Ethernet tie lines.

House Lights are also controlled from this area and are on three separate faders.

**For more detailed information please contact:-
Deano McCullagh (Technical Supervisor)
020 7928 2651**

AUXILIARY POWER

Situated SR, access to outside Webber St. approx 9ft off pavement.
3 x 63A Three Phase
3 x 63A Single Phase
2 x 200A Three Phase

SOUND

The theatre does not own any sound equipment, relying on hiring in whatever is needed for each show. It does, however, have an infrastructure of sound tie-lines installed in 1983 (see attached plan). When these were installed, the lighting control room was designed as the hub of the system, with most lines terminating there. The speaker tie-lines are terminated in 4-pin XLR sockets, with pins 1 and 2 connected, using 4mm single core conduit cable. All other tie-lines are terminated in 3-pin XLR sockets and are run in two-core-screened microphone cable. All cables are run within a separate trunking system, with box partitioning for high (H) and low (L) voltage cables. This trunking also houses the communications and low voltage switching circuits.

At the rear of the stalls there are a number of seats which are removable to provide a mixing position (see item C. rear auditorium) A floor trap in this area is linked to the orchestra pit with a 6-inch duct, and a further wall duct links to the store room/green room substage with sound booth for amplifier racks, complete with three 32A C17 single phase power supplies, all fed from A9/0 on red phase. Wall-mounted open trunking within the orchestra pit links to the base of the proscenium booms, and a ceiling duct links between the pit and the downstage drip trap.

Speaker position: as well as the proscenium booms, which are standard scaffolding size, there are various flying positions in the auditorium ceiling, and side or rear auditorium speaker brackets on all levels.

GET IN AREA

Situated on Waterloo Road, approx 1325mm (4'92 4"94) off pavement and accessed by a metal roller shutter.

Width between shutter frame	2250mm	7'92 04"94
Height to shutter box	5350mm	17'92 06"94
Height of sill above pavement	1325mm	4'92 04"94

STAGE

Orchestra pit provided with Q-Light head set and telephone connection.

Masking

1 B lackdrop: 22'92 deep, 40'92 wide

One pair red house tabs often hung on No.1 bar

Flying

52 flying bars on a set of double purchase counterweight system (see critical measurements for more details)

ELECTRICS

Control Board Dimmers	Expression 2 x 22 5K Dimmers	218 2K Dimmers	Permus
Independents	12 controlled from the lighting board dress circle position		
Auxiliary Panel	3x 63amp 3x 63amp 2x 200amp	3phase single phase 3phase	
F.O.H Rig	28 CCT sill 15 axials		
Bridges	1FOH permanently installed bridge.	300kg working load	
Talescope	Medium		