

TECHNICAL SPECIFICATION

Ver 02/19

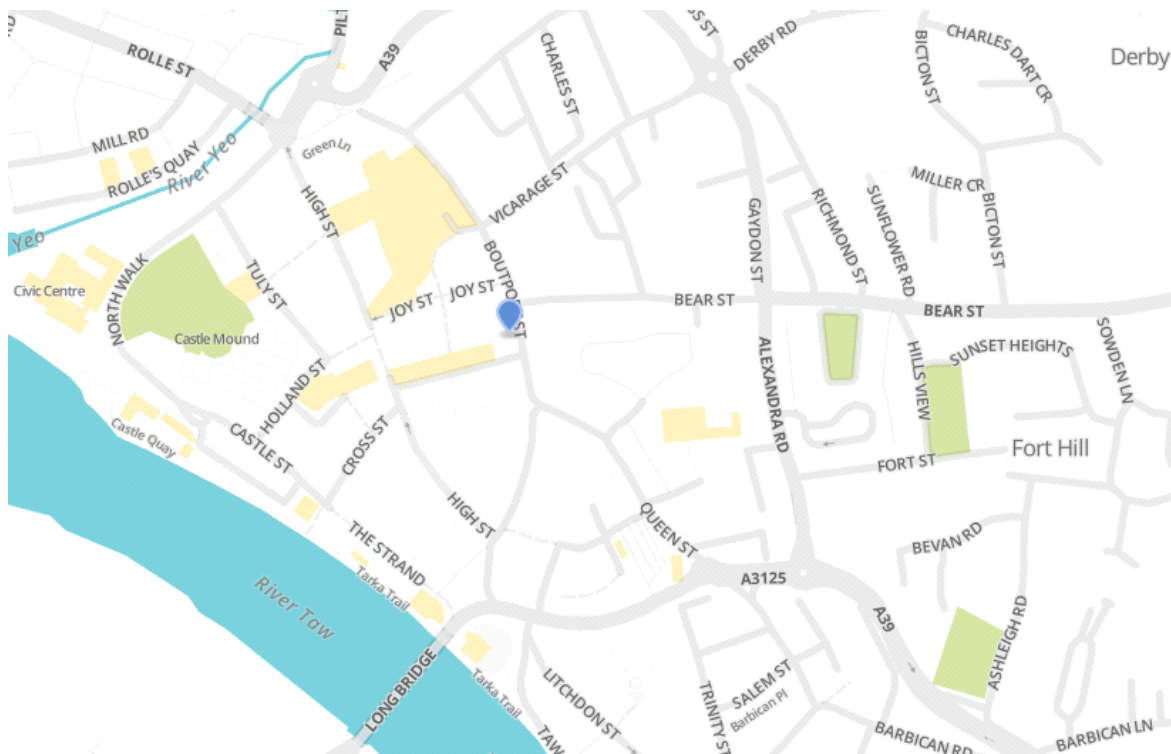
Overview

The Queens Theatre does not guarantee that all or any of these facilities or equipment will be available or suitable for the purposes of the visiting company. A visiting company should in all cases check with The Queens Technical Manager to ensure the information contained herein is up to date and correct. At certain times some equipment detailed in this document may be temporarily unavailable.

Please be aware of The Queen's Health and Safety Policy for Visiting Companies, which details safe systems of work for the theatre, and which forms part of the contract with the visiting company.

Address

Boutport Street
Barnstaple
Devon
EX311SY



Contacts

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WORKING REGULATIONS

It is essential that the following regulations and restrictions are noted by all visiting companies. Please ensure that any relevant personnel are made aware of the following:

Working Time Regulations:

Please note that in accordance with Working Time Regulations 1998, an 11 hour break between working shifts must be scheduled for all members of staff. Furthermore, suitable breaks must be scheduled within shifts to ensure the health and welfare of all staff. If in doubt as regards any aspect of the working schedule please contact the Technical Manager. All schedules must be agreed in advance.

Noise at Work Regulations:

Please note that in accordance with the Noise at Work Regulations 1989, the Control of Noise at Work Regulations 2005, and for the benefit and care of all staff and members of the public, The Queens Theatre reserves the right to monitor and if necessary limit the sound levels for any given performance.

Working at Height Regulations:

The Queens Theatre has various rung Zarges ladders. Access to the ladders are restricted to rigging, focussing lanterns, gel changes or checking power to moving lights etc. The Queens Theatre has a number of staff trained in the use of the Zarges, competent touring staff that have a safe knowledge of their use will be allowed to use them.

Flying:

All Flying must be operated by a member of the Queens Theatre technical department and can be operated either at stage level via a pendant controller or from the fly floor via a master controller. All Flown scenery must be flown on correctly rated steel wire and correctly fastened with correctly rated shackles. All flown scenery will be inspected for construction class and method of construction and be deemed safe before it is flown, if any scenery is classed as not fit to be flown then it will be removed from the stage and not be allowed to be used in the production. Any flown drapes or scenery cloths must have evidence of fire retardant process such as Flambar and data sheets will be asked for as evidence of proof of fire retardant measure being in place. The Queens Theatre may be able to provide a fire retardant service at a cost, please advise prior to your visit whether this may be necessary.

Loading and Unloading:

Load-in via is Stage Door on Boutport Street. Please be aware of the width and height restrictions present at this loading area as indicated by the following plan.

Load in is across a foot path and controlling measures to limit hazards to general public such as closing off the footpath during busy and involved get in periods where scenery and equipment is being stored temporarily awaiting loading onto the truck will be necessary.

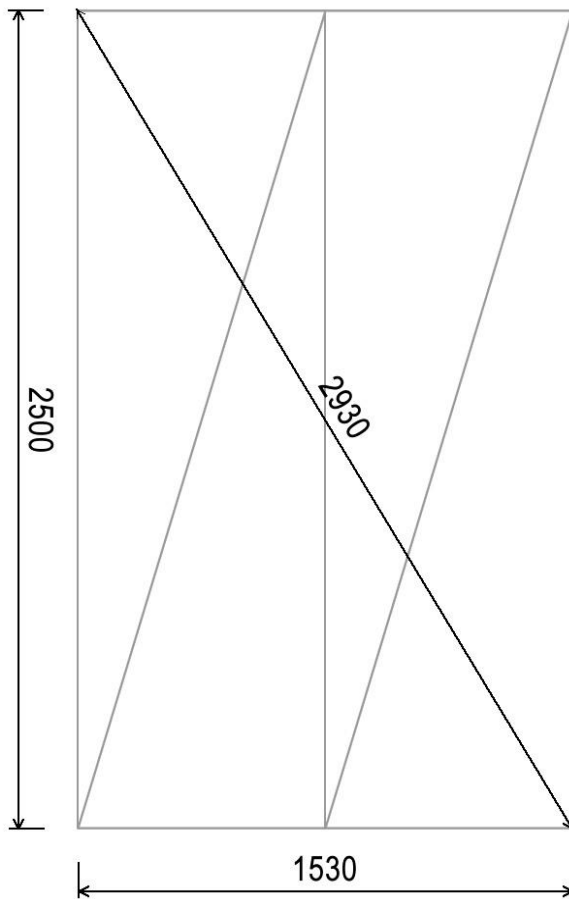
Queens Theatre Technical Department are issued with High Viz bibs during load in/out and associated PPE in line with task.

Currently The Loading bay is 24hrs and parking attendants are very keen to enforce this so no guarantee can be made that parking tickets won't be issued.

Parking Dispensation can be purchased from:

<https://new.devon.gov.uk/roadsandtransport/parking/parking-permits/parking-dispensation-scheme/>

Otherwise reasonably priced parking is located close to the venue.



STAGE & STAGE EQUIPMENT

Stage Dimensions		
Proscenium Width	9.090m	
Proscenium Height	5.440m	
Stage Depth	7.720m	<i>From Apron</i>
Stage Depth	6.880m	<i>From Iron Line</i>
Forestage Pit Depth	1.890m	
Forestage Pit Width	9.360m	
Wing Stage Left	3.380m	
Wing Stage Right	3.120m	
Apron to box	17.100m	
Apron to sound position	13.410m	
Grid	11.530m	
Bars	10.9m	Wide (4 Wire Suspension)
Bar Diameter	Scaff Barrel 45mm	
Safe Working Load	300kg	Evenly Distributed

Stage Equipment		
Floor	18mm ply	
Rostra	6	8' x 4' aluminium deck
Pianos	1	Yamaha C7 Boudoir Grand (Black)
Music Stands	8	
Conductors Stand	no	
A Frame ladders	2x Zarges Ladders	
Lecturn	1	

Flying Equipment		
Automated Motovario ZeroFleet Hoist	23	Total
House Border Hand Winch	1	
House Tabs Counterweight	1	

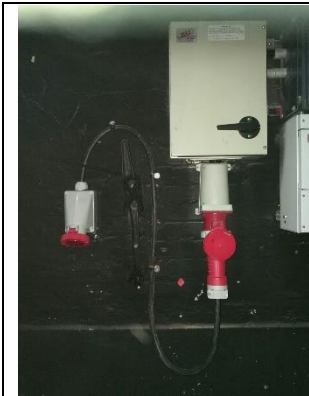
Flying Equipment HANGING PLOT

01. Motovario Zero Fleet Hoist 0.750mm 2'05" 300KG
02. Motovario Zero Fleet Hoist 1.050mm 3'04" 300KG
03. Motovario Zero Fleet Hoist 1.350mm 4'04" 300KG
04. Motovario Zero Fleet Hoist 1.650mm 5'04" 300KG
05. Motovario Zero Fleet Hoist 1.900mm 6'02" 300KG
06. Motovario Zero Fleet Hoist 2.150mm 7'00" 300KG
07. Motovario Zero Fleet Hoist 2.400mm 7'09" 300KG
08. Motovario Zero Fleet Hoist 2.650mm 8'07" 300KG
09. Motovario Zero Fleet Hoist 2.900mm 9'05" 300KG
10. Motovario Zero Fleet Hoist 3.150mm 10'03" 300KG
11. Motovario Zero Fleet Hoist 3.400mm 11'01" 300KG
12. Motovario Zero Fleet Hoist 3.670mm 12'00" 300KG
13. Motovario Zero Fleet Hoist 4.000mm 13'01" 300KG
14. Motovario Zero Fleet Hoist 4.270mm 14'00" 300KG
15. Motovario Zero Fleet Hoist 4.550mm 14'09" 300KG
16. Motovario Zero Fleet Hoist 4.850mm 15'09" 300KG
17. Motovario Zero Fleet Hoist 5.140mm 16'08" 300KG
18. Motovario Zero Fleet Hoist 5.420mm 17'08" 300KG
19. Motovario Zero Fleet Hoist 5.740mm 18'08" 300KG
20. Motovario Zero Fleet Hoist 6.050mm 19'08" 300KG
21. Motovario Zero Fleet Hoist 6.350mm 20'08" 300KG
22. Motovario Zero Fleet Hoist 6.630mm 21'07" 300KG
23. Motovario Zero Fleet Hoist 6.810mm 22'03" 300KG

All measurements are from up stage of the iron and are as accurate as possible.

Drapes		
House Border	1	Gold velour
House Tabs	1	Gold velour
Tabs	1 swipe & 1 tab track with full blacks	
Masking Legs and Borders	3 Sets	Black Wool Serge
Gauze	1	White Sharkstooth
Starcloth	Available as an additional hire	

Stage Power Supplies		
Three Phase	125a or 63a	S/R Ceeform RCD Protection (100 milliamp)
Single Phase	63a 32a	S/R Ceeform RCD Protection
Sound Power	63a or 32a	Located DSR



Three Phase 125/63 Located MSR



Single Phase 63a 32a Located MSR



Sound Power single phase 63a 32a located DSR

LIGHTING EQUIPMENT

Control		
1x ETC Eos 1x ETC Ion	1 1	<i>Eos currently out of service</i>
Dimmers	96	2.5kw StrandSLD96 Dimmers
	72	2.5w Zero88 Chilli Dimmers

Front of House Permanent Rig		
Follow Spots	2	Robert Juliat Marius 1200w
Spot bar Catwalk 1	20	Source 4 Zoom 15/30
FOH Perch	4	Cantata 18/32
FOH circle side	4	Qwash 560Z LED Wash
FOH Pros Boom	4	Intimidator LED spot

Other Available Lantern stock & Accessories		
Fresnels	30	Source 4 Fresnel
	6	Strand Cantata Fresnel
Parcans	20	Thomas pars CP
	6	Source 4 Par
Profiles	20 (FOH)	Source 4 Zoom 15-30
	2	Source 4 Zoom 50
	4	Source 4 Zoom 26
	10	Strand Cantata Profile 18-32
	2	Strand Cantata Profile 26-44
	6	Strand SL Profile 15-32
	2	Strand SL Profile 23-50

LED		
Intelligent LED Fixtures	8	Chauvet 560z washes lights
	4	Chauvet 560 Spot lights
	10	ChauvetColoradoBatten144Tour
	2	Martin Mac 350 Entour spot
	4	Intimidator LED spot

Various stands, mounting equipment, gobo holders and iris available on request

LX Circuit Positions @ 2.5kw	
LX bar 1	18 circuits on 3 x IWB Fresnel top Light ch 33-96
LX bar 2	18 circuits on 3 x IWB Specials Bar ch 33-96
Lx Bar 3	18 circuits on 3 x IWB Fresnel Top Light ch 33-96
LX Bar 4	18 circuits on 3 x IWB ch 33-96
Floor Circuits USL & USR	24 circuits per outlet ch 97- 120 & ch 121-144
Floor Circuits DSL & DSR	6 per side ch 21-32

Auditorium Hanging Positions	
Circle front	SWL 400KG
Perches auditorium right and left	SWL 150KG
Auditorium side wall right and left	SWL 400KG

FOH Sound Control		
Yamaha LS9 32 or Allen & Heath Qu32	1	32 Channel - 8 Returns

Loudspeakers & Monitors		
Theatre Stage Floor Monitors	4	RCF ART 325A Active monitors
Front Of House PA	6	Martin Audio EM76
Front Of House PA	2	Martin Audio WS2A
Front Of House PA	3	FBT Max X2, located on bridge,
On Stage Monitoring (Mono)	2	FBT Max X (Passive)
Talk/ Other	2	dB M80 Active Monitors
Other	2	Martin Audio DD6 (Passive)

Microphones		
Shure SM58	5	
Shure SM57	3	
Shure Beta 58A	1	
Shure Beta 57	2	
Sennheiser E604	5	
Sennheiser E602 MK2	1	
Sennheiser E845	2	
Sennheiser E614	2	
AKG C1000S	1	
AKG D11	1	
AKG C568 B	1	
EV RE50	1	
Audio Technica Pro-44	3	

DI Boxes		
Behringer DI 400P	1	Passive
Lynx LDI-2	1	Passive
EMO E520	1	Passive
DIB-100	1	Passive
BSS Audio AR-133	1	Active
PROEL DB1A	1	Active

Multicores, Permanent Stage Boxes & Patching		
50m Analogue Multicore		24 XLR Female, 8 XLR Male
DSL Patch	DSL>Mix Position	16 XLR Female, 8 XLR Male
FOH L&R XLRs	Mix Position	Sections of PA can be muted via the in house processor
On Stage FBT Monitors (Mono) XLR	Mix Position, DSL	
RF Paddle x 2, 430 to 980 Mhz	BNC-Mix position	Paddles located in Circle, near DSL

Communications
8 way cue light system
Paging to Backstage area
CCTV monitor stage (DSM position) D/S/L
CCTV monitor IR (DSM position) D/S/L
8 Canford Headsets and Belt packs.
Fixed Canford Headsets to all areas (LX-SOUND-FOLLOWSPOTS-FLYS)

Projector
1x Panasonic PT-DW6300 mounted FOH circle Front <i>(Available with additional hire charge)</i>
Screen
1x Fastfold screen 8x6 <i>(Rear projection & Front projection option)</i>

GENERAL INFORMATION

Backstage
Touring Sound position; Rear of the Stalls, (NOTE, no seats have to be removed)
Zarges Light-alloy multi-function ladder http://www.zarges.com/
Orchestra pit: Pit lift able to be set at orchestra pit level and forestage thrust at stage level Static Load 7.5kN/m2 MAX Dynamic Load 30kN MAX
Stage door: The stage door is unmanned NOTE; Amateur societies are requested to arrange a member of their own personnel to actively man the security on the stage door.

Dressing Rooms		
Room 1	2 people	Stage Level SL
Room 2	8 people	1 st floor (access through DR-1) (T&S)
Room 3	2 people	1 st Floor (access through Dr 2) (T&S)
Room 4	6 people	1st floor SR (T&S)
Room 5	8 people	2nd floor SR (T only)
Room 6	3 people	2 nd Floor SR additional fly floor access (no T&S)
Crew Room x-over	10 people	Under stage
Wardrobe		Stage Door

Effects

ALL SPECIAL EFFECTS MUST BE REQUESTED AND APPROVED IN ADVANCE as they may require alterations to automated fire and smoke alarm systems and special local authority licensing approval.

Microphones:

Wireless UHF equipment: The Queens Theatre currently holds a license for use of 10 x radio mic equipment on Frequencies 606-648 Mhz

Should you require additional radio mics please arrange this with the Technical Department at earliest convenience.

Reporting;

Any and all accidents MUST be reported immediately to a member of The Queens Theatre Management or crew, who will ensure that the relevant personnel are informed immediately, in order that all Health and Safety procedures can be followed.

Near misses MUST be reported to the Technical Manager and to the visiting company's Technical Director / Company Manager.

In both instances, an accident / incident / Near Miss form, must be completed and signed.