

Kingswood Theatre Technical Specifications

September 2016

Capacity of raked seating 366 (extra seats can be added, max occupancy is 450)
4 accessible wheelchair spaces

Stage Dimensions 12.4m width with standard wings, 19m wall to wall
(Approximate) 7.2m depth from front step of seating to blacks/cyclorama
6m height to main tab track

Dock doors (off stage right) 2.28m width x 3.15m height

- Two dressing rooms and two single toilets backstage via stage right door
- Foyer with lockable bar area available
- Motorised truss above the stage measuring approximately 7.5m width x 6.5m depth, 1,500kg limit
- Three phase 32A power outlet located in the scene dock off stage right

Lighting

Control ETC Congo Kid 256ch Console with two monitors
48 channels of power on 10A Strand Act 6 dimmers
House light system on separate faders or using floods in FOH channels

Lanterns 2 # 1200w Strand Cantata Follow Spot
4 # 750w ETC Source Four zoom 15/30 profile
4 # 750w ETC Source Four zoom 25/50 profile
2 # 800w Selecon SPX 15/35 profile
2 # 800w Selecon SPX 25/50 profile
8 # 1200w Selecon Rama PC
10# 650w Selecon Acclaim Fresnel
6 # 1200w Strand Cantata Fresnel/PC
18 # 1000w PAR64 Can with CP62 lamps
4 # 1000w PAR64 Floor can with CP61/62 lamps
4 # 50w PAR16 'Birdie' with transformers
4 # 500w Strand Coda 4-cell flood
2 # 500/800w Selecon Hui flood
1 # 60w Pulsar Jumbo Strobe
8 # LEDJ RGB PAR64 with 10-60 degree zoom (4ch DMX)
* 2 # Martin Mac 550 moving head profile (usually rigged on grid downstage)
50" mirror ball with single speed rotator
Stock of lamps, Lee filters, cables, gobos and S4/SPX/Acclaim gobo holders

Patching Above stage motorised truss with 4 IWBs and DMX
4 circuits are located in each up stage corner
56 Stage/grid circuits are patchable to 30 dimmable channels (19-48) in scene dock
30 FOH circuits are patchable to 18 dimmable channels (1-18) in control room

Sound

Control Yamaha LS9 16 Channel Digital Mixer
QSC Audio PLX3402 3400w amp with Nexo PS15 protection/crossover
Denon D4500 dual CD player
360 Systems Instant Effects recorder/playback unit

Speakers 2 # Nexo PS15 full range passive (rigged)

- Portable** Yamaha MSR100 active wedge speaker
 Yamaha Stagepas 500W kit with 10ch mixer/amp, stands and leads
 * PA kit consisting of 4 QSC K10 1000W active speakers, Soundcraft EMP 12 channel mixer, Denon DNC100 CD player, headphones, stands and leads.
- Microphones** 4 # Shure SM58 dynamic vocal
 4 # AKG SE300B BlueLine preamp module with CK91 microphone capsules
 1 Audio Technica ES935ML gooseneck (for use with lectern)
 * 2 # Shure SLX4 radio receivers with 2 WL185 lapel mics and 1 SM58 handheld
- Patching** Mic lines 1-6, tie lines 1&2, speaker lines 1&2 and comms up stage right
 Mic lines 7-12, tie lines 3&4, speaker lines 3&4 and comms up stage left
 Speaker lines 5&6 located on FOH side walls (7&8 are used for house speakers)

Stage/Miscellaneous

- Main red house tabs are on a variable speed motor controlled from stage or control room
- TecPro PS711 communications power supply with 5 Altair headset/beltpacks
- Paging and show relay facilities to backstage and foyer
- Three pairs of black legs – 2 x 6m drop approx.
- White cloth Cyclorama – 7.8 x 5.5m drop or full blacks
- One 10m width tab track with pulley which can be moved up/down stage
- Various flats, braces, stage weights, safety bonds, tape etc
- 50" plasma screen in the foyer linked to a camera feed of the stage or VGA lead
- Infra red audio system with headphones/receivers for hearing aids
- * Look Solutions Unique 2 1500w DMX/stand alone Hazer
- * 15 # 8'x4' and 4 # 4'x4' Steel deck with various handrails, legs, connectors and treads
- * Sanyo XP100 6500ANSI projector with wide angle lens (rigged, wired remote in control room)
- * Yamaha C7 grand piano with stool and cover (tuned 3/4 times per year)

General Notes

Any flammable materials used in the theatre must be treated with flame retardant prior to use

All electrical items brought in must have a valid PAT sticker

Access to heights is with a Genie lift and ladders

The equipment listed is generally well maintained but please be aware that everything is subject to fault and essential service so use of equipment cannot be guaranteed

*Equipment Hire Charges

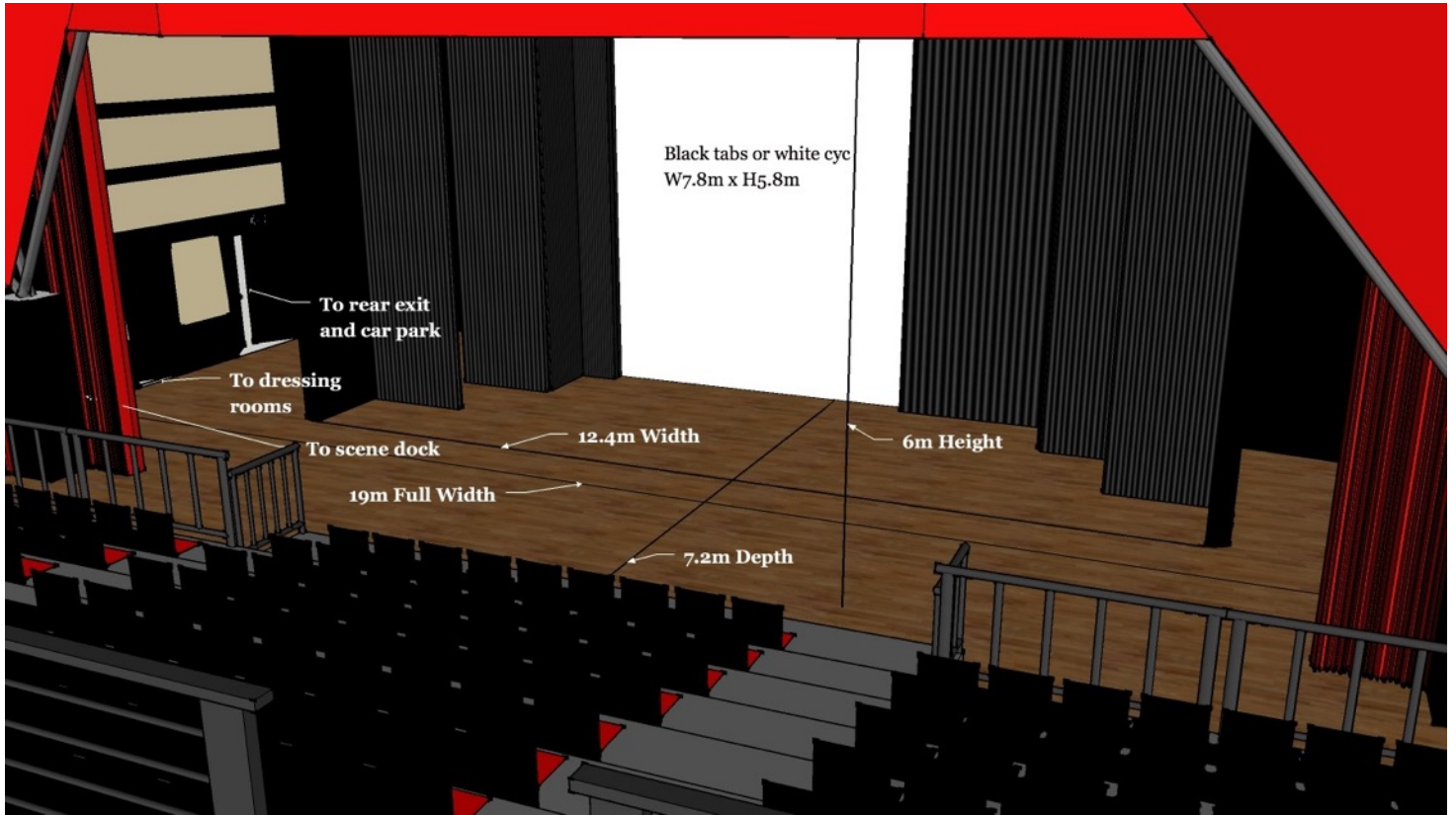
Some of the listed equipment is available for hire only:

Shure radio mic	£10 pd/£40 pw	Includes AA batteries
Unique 2 Hazer	£10 pd/£40 pw	Includes reasonable amount of fluid
Steel Deck staging	£25 pd/£100 pw	Includes handrails, legs and fixtures
QSC Portable PA kit	£25 pd/£100 pw	
Sanyo XP100 Projector	£25 pd/£100 pw	
Pair of Mac 550 moving head	£25 pd/£100 pw	
Grand piano	£30 pd/£120 pw	Tuning details provided on request

Commercial and Technical Contact

Neil Francis – 01225 734286 – theatre@kingswood.bath.sch.uk

Stage plan with dimensions



Kingswood Theatre Seating Plan

September 2014

R		2	3	4	5	6	7	8	Control Room		19	20	21	22	23	24	25	R																		
Q	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	Q									
P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	9	10	11	12	13	24	25	26	P									
N	← Exit								9	10	11	12	13	14	15	16	17	18	Exit →								N									
M	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	M									
L	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	L									
K	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	9	10	11	12	23	24	25	26	K									
J	1	2	3	4	5	6	7	9	10	11	12	13	14	15	16	17	18	20	21	22	23	24	25	26	J											
H	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	H										
G	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	G										
F	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	F										
E	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	E										
D	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	D										
C	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	C										
B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	B										
A	← Exit								7	8	9	10	11	12	13	14	15	16	17	18	19	7	8	9	10	11	12	13	14	15	16	17	18	19	Exit →	A
AA									7	8	9	10	11	12	13	14	15	16	17	18	19												AA			

Notes: Capacity is 366 (excluding row AA and wheelchair spaces). 178 above balcony, 188 below balcony.
 Row AA can be added if required and can accommodate a mixture of wheelchair spaces and regular seats. House tabs cannot be used if row AA is in use
 Rows A to H are fully retractable
 Seats A7 to D19 or A7 to H19 can be retracted to accommodate band/orchestra