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The Ruddock 
Performing Arts Centre



The Ruddock Performing Arts Centre

Venue Information and Technical Details



KING EDWARD VI
HIGH SCHOOL FOR GIRLS



KING EDWARD'S SCHOOL
BIRMINGHAM

Venue Information & Technical Details

Contents

Page	Section	Details
3	1	Contact Details
4	2	Ruddock Hall
	2.1	Seating & Stage Configuration
	2.2	Stage Extensions
	2.3	Stage Details
	2.4	Stage Equipment
5	2.5	Lighting Equipment
	2.6	Sound Equipment
6	2.7	Audio Visual Equipment
	2.8	Smoke, Haze & Pyrotechnic Effects
	2.9	Show Specific Changes to Standard Setup
7	2.10	Instrument Hire
8	3	Studio Theatre
	3.1	Seating & Stage Configuration
	3.2	Stage Details
	3.3	Lighting Equipment
9	3.4	Sound Equipment
	3.5	Audio Visual Equipment
	3.6	Show Specific Changes to Standard Setup
10	4	Dressing Rooms
11	5	Dance Studio / Rehearsal Space
	5.1	Audio Visual Equipment
12	6	Additional Equipment
	6.1	Lighting Equipment
	6.2	Sound Equipment
13	7	Venue Plans
	7.1	Ruddock Hall Seating Plan
14	7.2	Ruddock Hall Standard Lighting Plan
15	7.3	Ruddock Hall Flying Plot
16	7.4	Studio Theatre Standard Lighting Plan

1. Contact Details

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Booking Enquiries

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Arts & Events Manager:	Cathy Moss	c.moss@keschools.org.uk
Technical Manager:	Paul Hinde	p.hinde@keschools.org.uk

Vehicle Access for Deliveries

Vehicle access for deliveries to the Ruddock Performing Arts Centre is via Park Vale Drive, accessed from the A38, Bristol Road. The postcode for this access is B5 7SP.

2. Ruddock Hall

The Ruddock Hall is a modern, state of the art multi-purpose performance space that caters acoustically for soloists, small orchestras, choirs and larger symphony orchestras. Its unique versatility shines through as it also transforms into an end on theatre space that lends itself to drama, dance and musical theatre.

2.1 Seating & Stage Configuration

Maximum capacity 503 (includes 12 standing spaces and using no stage extension)

Please discuss your requirements when booking to gauge the number of seats you require as there are extra costs for opening the balcony level.

2.2 Stage Extensions

The stage can be extended into the auditorium by removing seats and changing the floor level:

Extension 1: Row AA and Row BB are removed. Capacity is reduced by 43 seats

Extension 2: Row CC and row DD are removed. Capacity is reduced by a further 43 seats

***Please note:** the default configuration uses extension 1 and includes 4 upstage orchestral risers. If your event requires a different configuration please let us know when making your booking.*

2.3 Stage Dimensions

Full stage width: **13.40m**

4 x Upstage risers each at **1.20m** deep

Main flat down stage area depth: **4.70m**

Stage extension depth: 1.00m per row (AA, BB, CC, DD)

Total default setup stage dimensions: 13.40m x 11.50m

2.4 Stage Equipment

No.	Item
12	Overhead automated fly bars (SWL 350kg UDL)
4	Adjustable height up stage orchestral risers (adjusted at a cost)
60	Music stands
160	Orchestral chairs
1	Conductor chair, music stand, and podium
	Stock of black full length drapes covering lower balcony and acoustic panelling (please contact for further details on masking requirements)
	Stock of legs, borders and full blacks (please contact for further details on masking requirements))
	Full covering of black Harlequin dance floor (variation to be discussed on hire)
	Full covering of grey Harlequin dance floor (variation to be discussed on hire)

2.5 Lighting Equipment

Standard Ruddock Hall Lighting Plan is available in Section 7 of this document.

36 ways Swisson Sinewave 2.5kw Dimming (10 Amp)

72 ways 2.4kw Zero 88 Chilli Dimming (10 Amp)

32 Amp Followspot hot power available

125 Amp 3phase Ceeform power available

No.	Item
1	ETC Ion 2048 channel desk with 40 fader-wing
8	ETC Source 4 Zoom 15/30° (FOH cover)
30	ETC Source 4 Par (overhead o/w orchestral wash)
4	Selecon Rama 1200W Fresnels (Rigged on LX 1)
11	Elation SixPar 300s LED Washes (RGBAWUV)
4	Chauvet Rogue R2 Spots
8	Chauvet Rogue R2 Washes
4	MAC 250 Washes (Rigged on FOH Gallery Bar)

Additional lighting equipment is also available however it is shared with the other spaces within the Ruddock Performing Arts Centre, please contact Technical Manager to discuss availability and any re-charge costs.

2.6 Sound Equipment

No.	Item
1	Roland M-5000C mixer with multiple stage boxes available.
2	D&B E12D (L & R Stalls), rigged on Balcony Rail
2	D&B E12D (L & R Circle), rigged on LX Bar 2
2	D&B E3 (Centre Cluster), rigged on LX Bar 2
2	D&B E3 (Balcony Fill), rigged on Gallery Bar
1	Tascam CD-RW
2	Sennheiser XS Wireless Handheld
2	DPA 2011A microphones (permanently rigged overhead for archive recording)

Additional sound equipment is also available however it is shared with the other spaces within the Ruddock Performing Arts Centre, please contact Technical Manager to discuss availability and any re-charge costs.

2.7 Audio Visual Equipment

No.	Item
1	Christie DW12U 12000 lumen Projector rigged in control room
	Motorised Front Projection Screen (rigged on bar 12)
1	Kramer VP370 Switcher
1	Blackmagic Presentation Switcher / Vision Mixer
1	Apple Mac with QLab4

Laptop playback: HDMI from stage, HDMI locally from the control room.

Please provide any adapters to HDMI that are required for equipment brought into the venue.

2.8 Smoke, Haze, and Pyrotechnic Effects

No.	Item
1	Le Maitre MVS Hazer (Use will be subject to a surcharge for consumable haze fluid)
Pyrotechnic Hardware	
1	Le Maitre 1102 Battery operated pyro firing console
2	Pyroflash Flashpod
3	PP105 Prostage Gerb Holder
1	PP103 Prostage Gerb Holder Array Plate (3)

Please note if a show is planning to use pyrotechnics they must have a trained and certified technician accompanying the company.

Suitable pyrotechnic documentation and risk assessments must be supplied in advance of the show to be reviewed by the Technical Manager.

2.9 Show Specific Changes to Standard Setup

Please note that the standard setup in The Ruddock Hall can be altered for a specific show's needs, but the time needed for re-instating the equipment back to standard setup may be subject to charges for staffing time.

2.10 Instrument Hire

All Instrument hires are subject to extra cost and will be re-charged. Please contact the Ruddock PAC staff to check availability.

Steinway D Grand Piano: Subject to a charge of £90 plus £100 tuning costs (Total £190)

Electric Organ Console: Subject to a charge of £90

Electric Rehearsal Piano: Available for use in Studio Theatre or Dance Studio, charge may apply.

Upright Piano: Available for use in Studio Theatre or Dance Studio, charge may apply.

Orchestral:

- *Set of Three Timpani (Adams Universals, fibreglass bowls, plastic heads – 32, 29 and 26)*
- *Set of Four Timpani (Adams Symphonics, balanced action pedals, hammered copper bowls, Renaissance heads, 32, 29, 26, 23)*
- *Orchestral Suspended Cymbal*
- *Orchestral Bass Drum*

Also available:

Drum kit, Congas (pair), Bongos (pair), Xylophone, Marimba (4.3 octave), Glockenspiel, Tam-Tam, Clash Cymbals, Snare Drum, Tenor Drum, Triangle, Orchestral Tambourine, Rock Tambourine, Castanets, Maracas, Guiro, Rainstick, Ratchet, Cowbell, Agogo Bells, Set of Temple Blocks, Woodblock, Claves, Whip, Sleigh Bells, Flexatone, Various shakers, toys and sound effects (ask for more details)

We have access to a number of other instruments, should there be anything you wish to hire please get in contact with one of the management staff to see if we can help.

3. Studio Theatre

The Studio Theatre is a black box space that can cater for a variety of performance styles ranging from end on to thrust and round theatre style.

3.1 Seating & Stage Configuration

Maximum capacity 120

The seating is made up of benched seating on tiered staging, this is flexible and can be set in various configurations, please discuss regarding capacity for specific arrangements.

The standard set-up, consisting of four rows of seats with a centre aisle will seat 60.

3.2 Stage Equipment

The Studio Theatre has a black painted floor and black walls with a carpeted surface along the side under the balcony. Masking consists of a pair of legs hung in each upstage corner of the stage, a full width black on a track to mask the projector screen on the upstage wall, and black masking on a track mounted to the underside of the balcony to mask the SR walkway.

The Studio Theatre has a fixed grid with a maximum clearance between it and the stage floor of 5m, there are no moveable bars in the Studio Theatre.

There are two operating positions, the principle one is on the balcony with a second smaller one in the seating for rehearsals and production periods.

3.3 Lighting Equipment

Standard Studio Theatre Lighting Plan is available in Section 7 of this document.

72 ways 2.4kw Zero 88 Chilli Dimming (10 Amp)

No.	Item
2	ETC Element Desk, set as Main and Back-up (one at each operating position)
10	Selecon Acclaim 650w 24/44°
10	ETC Source4 Junior 25/50°
15	Selecon Acclaim 650w Fresnels
2	Selecon Rama 1200W Fresnels
8	Parcans (CP62)
6	Elation Arena Par Zoom
4	Martin MAC 300s (available for an extra charge)

Additional lighting equipment is also available however it is shared with the other spaces within the Ruddock Performing Arts Centre, please contact Technical Manager to discuss availability and any re-charge costs.

3.4 Sound Equipment

No.	Item
1	Roland M300 Digital REAC System
4	Yamaha AX12 Loudspeakers: L & R (Front), L & R (Upstage)
1	Behringer UB1002 Mixer at stalls control position for rehearsal playback

Additional sound equipment is also available however it is shared with the other spaces within the Ruddock Performing Arts Centre, please contact Technical Manager to discuss availability and any re-charge costs.

3.5 Audio Visual Equipment

No.	Item
1	Christie DWU670-E 6000 lumen Projector rigged on balcony rail
	Fixed screen mounted on the rear wall of the Studio Theatre
1	Tascam DVD player
1	Apple Mac with QLab 4

Laptop playback: HDMI locally from the control position.

Please provide any adapters to HDMI that are required for equipment brought into the venue.

3.6 Show Specific Changes to Standard Setup

Please note that the standard setup in The Studio Theatre can be altered for a specific show's needs but the time needed for re-instating the equipment back to standard setup may be subject to charges for staffing time.

4. DRESSING ROOMS

The Ruddock Performing Arts Centre has 2 small dressing rooms, with a maximum capacity of 8 people in each room. These are shared between The Ruddock Hall and the Studio Theatre.

Please enquire with the Ruddock PAC staff if you require additional dressing rooms.

The two dressing rooms are fully accessible for artists with disabilities. They are both on the same level as The Ruddock Hall and Studio Theatre stages with shared accessible toilet and shower facilities. There is a lift to enable access to all levels of the Ruddock Performing Arts Centre.

Please advise the Ruddock PAC staff if you have any specific requirements that need to be considered whilst you are using The Ruddock Performing Arts Centre.

5. DANCE STUDIO / REHEARSAL SPACE

Designed specifically for dance, the first-floor studio space benefits from panoramic open views across Winterbourne Gardens and offers performers a unique open space with plenty of natural light. This makes it a perfect place for performance, rehearsals, conference, meetings and receptions.

Room dimensions: 9.25m x 9.75m, with an 8.5m x 2.1m full length mirror along one wall.

Reversible Black or Grey Dance floor is available on request.

Dressing room facilities and wash facilities are available but will need to be arranged prior to any hire. Please enquire for more information.

Please enquire about booking this space out for drinks receptions or small conferences.

5.1 Audio Visual Equipment

No.	Item
1	Christie DXG1051-Q, 10000 lumen Projector, ceiling mounted
	Retractable Screen mounted on wall opposite mirrors

Laptop playback: HDMI & USB-C input panel for projector available on lectern.

Audio Playback is available from devices via HDMI, USB-C, mini-jack input or Bluetooth.

Please provide any adapters to HDMI that are required for equipment brought into the venue.

6. Additional Technical Equipment

The Ruddock Performing Arts Centre has a stock of additional stage, lighting, sound, and audio-visual equipment available for use which may subject to an extra re-chargeable cost.

This equipment is shared between all spaces within the Performing Arts Centre and is also used to support the various school activities that take place across the whole site, please confirm with the Technical Manager whether it is available if you wish to use any of it for your event.

6.1 Lighting Equipment

No.	Item
4	ETC Source 4 50°
4	ETC Source 4 36°
10	ETC Source4 Junior 25/50°
6	Strand SL 26°
8	Strand SL 15/32°
8	Strand SL 23/50°
4	Selecon Acclaim 650w 18/34°
2	Selecon Rama 1200W Fresnel
16	Selecon Acclaim 650w Fresnels
20	Parcans (CP62)
8	LED Pars (RGBA)
12	Chauvet LED Colordash Batten Quad 12

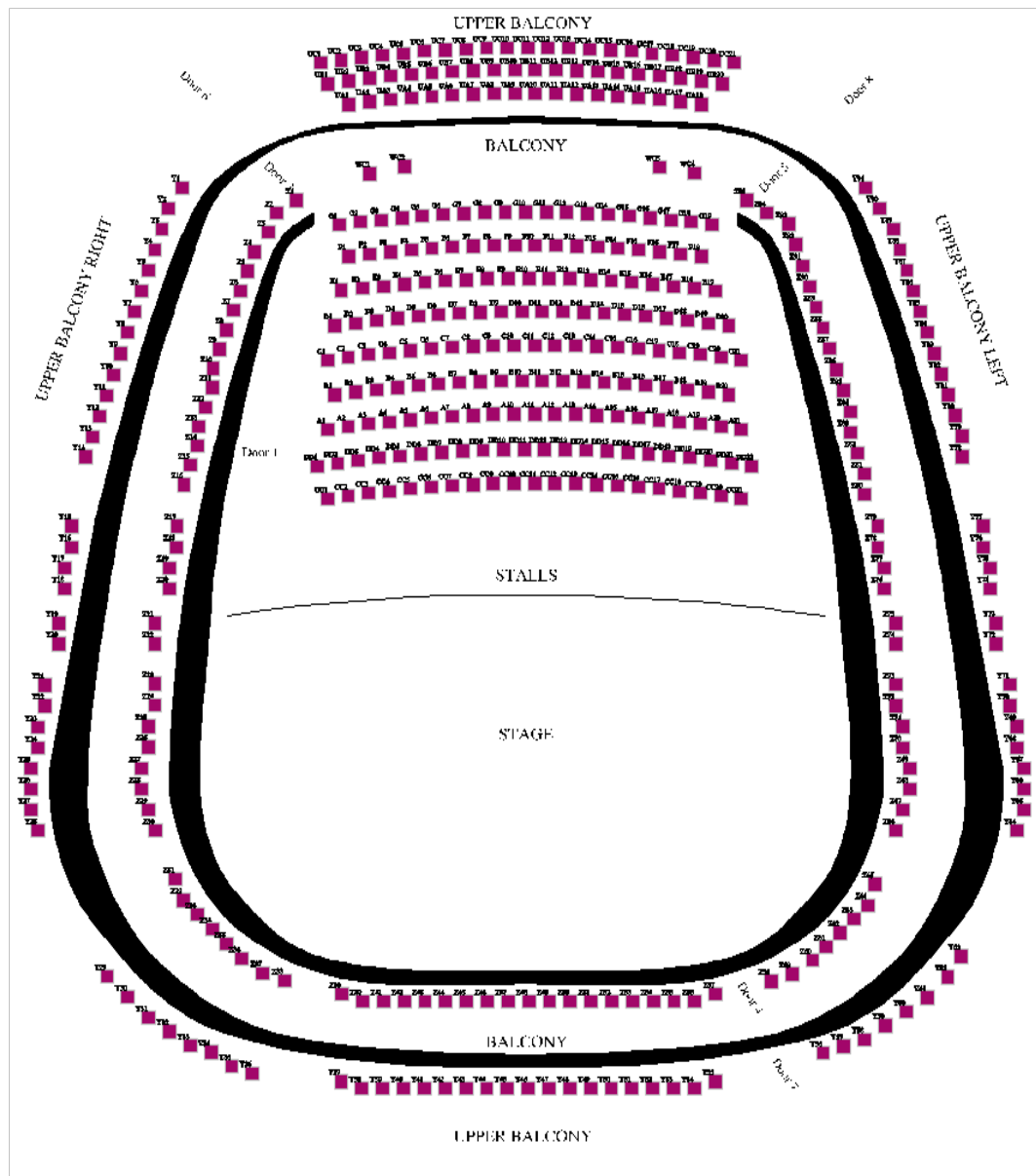
6.2 Sound Equipment

No.	Item
1	Prompt desk with 8 hardwired Cue-lights and 6 patchable Cue-lights, Stage Intercom, and FOH & BOH Paging
4	Dual Channel Stage Intercom Belt-packs & Headsets
5	SM58 Dynamic microphones
3	AKG Perception 170 Small Condensers
3	PZM Boundary mics
4	AKG 414 Large diaphragm condensers
	Selection of Instrument Microphones – contact Technical Manager for details
4	Sennheiser G3 Wireless Tie Clip / 2 qu. G3 Handhelds as mix and match
2	D&B E15X Subs
2	dB Technologies Active Subs
1	Tascam DVD player

7. Venue Plans

These plans are also available separately in different formats and at higher resolution, please contact the Technical Manager for copies.

7.1 Ruddock Hall Seating Plan



7.2 Ruddock Hall Standard Lighting Plan

Currently subject to revision, please contact the Technical Manager if you require an up-to-date version.

7.3 Ruddock Hall Standard Flying Plot

All bars are rated to a SWL of 350kg UDL

Bar No.	From Setting Line	Bar Width	Notes / Standard Rig	Bar Weight
1	- 2.00 m	12.0m	LX Bar 1	70 kg
2	- 1.00 m	12.0m	Recording Microphones	10 kg
3	0.00 m	12.0m	LX Bar 2, FOH PA & Balcony Fills	145 kg
4	1.00 m	12.0m		
5	2.00 m	12.0m	LX Bar 3	80 kg
6	3.00 m	12.0m	Full Tab Track, no cloths are permanently hung	
7	4.00 m	12.0m	LX Bar 4	75 kg
8	5.00 m	11.5m		
9	6.00 m	11.5m	LX Bar 5	60 kg
10	7.00 m	9.0m		
11	8.00 m	8.0m	LX Bar 6	20 kg
12	8.75 m	8.0m	Projector Screen - Full Width	

Setting Line – Front edge of stage when Row AA is in use.

7.4 Studio Theatre Standard Lighting Plan

