

ROBERT BLACKWOOD HALL

EQUIPMENT AND FACILITIES AS AT 2 February 2010



VENUE INFORMATION

The Robert Blackwood Hall is a 1598 seat Concert Hall, consisting 1256 seats in the raked auditorium and seating for a further 342 patrons in the balcony. The stage is an open stage with 4 fixed risers built in. There is no proscenium or any stage curtaining.

The stage floor is Queensland Spotted Gum T & G hardwood flooring. Please note there is no nailing or screwing to the floor permitted.

The Auditorium and all foyers are accessible via stairs and ramps. There is a wheelchair lift to access the stage as required. Please note there are no lift facilities to the balcony or mezzanine area.

AUDIO EQUIPMENT

1. MIXING DESK

Soundcraft K3

- 24 mono theatre inputs
- 5 stereo inputs
- left, centre, right mixing
- 8 sub groups
- 8 auxiliaries

2. LOUDSPEAKERS AND AMPLIFIERS.

Front of House

- 6 x EAW AS660i hung in 3 clusters, left, centre right
- powered by Crest & Jands amplification

Balcony delay

- 3 x EAW MK2194 Full range speakers
- Hung Left, Centre, Right
- powered by Crest amplification

Speaker management by XTA Electronics processors

Foldback

- 2 x Klipsch 15" 2 way wedges
- powered by Jands amplification

3. PLAYBACK/RECORDING EQUIPMENT

- 2 Denon 3 Head Cassette decks
- 1 Denon Compact Disc player
- 1 Sony Mini Disc deck
- 2 HBB Compact Disc recorders

4. MICROPHONES.

- 6 AKG D202 Instrument microphones
- 7 Neumann KM184 microphones (2 permanently rigged from roof for recording)
- 2 Neumann U187 microphones (permanently rigged from roof for recording)
- 1 Neumann USM69 Stereo microphone (permanently rigged from roof for recording)
- 2 Sennheiser MD431 Vocal microphones
- 3 Sennheiser MKH816 Shotgun microphones
- 2 Sennheiser MD908 Lectern microphones
- 4 Countryman Isomax Lectern microphones
- 7 Shure SM58 Vocal microphones
- 1 Audio Telex ALV902 Plate microphones

5. ANCILLARY EQUIPMENT

- 2 Sescom SM1a Passive DI boxes
- 2 1/3 Octave Yamaha Graphic Equalisers – Patchable
- 2 1/3 Octave Yamaha Graphic Equalisers – Normalised to Foldback Sends

6. CABLE RUNS.

- 15 Lines from Down Stage Traps to Control Room
 - 20 Lines from Off Stage OP to Control Room
 - 2 Lines from Prompt Corner to Control Room
 - 4 Lines from Control Room 2 to Control Room
 - 12 Lines from Ceiling Space above Stage to Control Room
- All Microphone lines are terminated in an XLR Patch Bay in the Control Room

Note (1) The mixing desk is set up in the Control Room. This mixer is unable to be moved to the auditorium.

Seats W20 –W25 and X20 – X25 may be removed to accommodate a mixer in the Auditorium. As there is no patching available to this location, a multicore will be required and an additional mixing desk would need to be hired.

Note (2) Additional audio equipment (e.g. radio microphones, effects, graphics etc) may be available by prior arrangement, cost to be borne by the hirer.

Note (3) The Neumann Microphones are suspended above the stage for recording purposes only.

VIDEO EQUIPMENT

1. CCTV

In House Stage Monitor Camera is split to

- Prompt Corner
- OP Corner
- Foyer
- Dressing Rooms
- Audio Control
- Lighting Control

2. VIDEO PROJECTION

Although there is no permanent video projector installed there is a composite video input from Control Room 2 or Prompt Corner to the center of the FOH lighting bar.

3. SCREEN

A motorized screen is located over the first fixed riser on stage. The screen is approximately 8m x 6m in size. It takes 2 minutes to be lowered or raised.

LIGHTING EQUIPMENT SCHEDULE

1. DIMMERS (Distributed)

- 1-12 2.4kW Bytesize APC located in roof space
- 13-24 2.4kW Bytesize IDS located in roof space
- 25-48 2kW Bytesize TRV located in roof space over stage
- 101 – 124 2kW Ironcore located in control room

2. CONTROL

Strand 300 with 200 control channels, 1 Monitor, full softpatch.

3. LIGHTING POSITIONS

Two lighting positions FOH – one on the balcony front 12 outlets terminating in the control room (access from balcony)
 - one midway in the auditorium (no direct access, bounce focus required).

Two box trusses over stage - US truss contains 8 circuits terminating in the roof space
 Two perches either side of the auditorium, 9 outlets each.

4. LUMINAIRES

| Designation | Type | Wattage | Number | Notes |
|----------------|---------------|---------|--------|-----------------|
| Sil 12/28 | Zoom profile | 1kW | 3 | |
| Cantata 12/26 | Zoom profile | 1.2kW | 18 | |
| Cantata 18/32 | Fixed profile | 1.2kW | 18 | |
| Patt T -64 | Fixed profile | 1kW | 4 | |
| Patt 243 | Fresnel | 2kW | 6 | |
| Patt 223/743 | Fresnel | 1kW | 4 | No barn doors |
| Patt 123 | Fresnel | 650W | 1 | |
| PAR 64 | 110V flood | 1kW | 48 | MFL globes, *** |
| Patt 293 | Followspot | 2kW | 1 | |
| Selecon CF1200 | Fresnel | 1.2kW | 8 | |
| | | | | |
| | | | | |

*** NB. 32 x PAR 64 luminaires are used as downlight orchestra floods

The Robert Blackwood Hall has a standard lighting rig consisting of 4 colours from FOH blue (Lee O79), amber (Lee 134), red (Lee164) and white and two colours of backlight Blue (Lee195) and Red(Lee 026)

STAGE MASKING STOCK

| Type | Number | Colour | Width | Height |
|------------|--------|--------|--------|--------|
| Plain flat | 2 | Brown | 1200mm | 3600mm |
| Book flat | 2 | Brown | 2400mm | 3600mm |
| | | | | |
| | | | | |

NB: The Robert Blackwood Hall does not contain a proscenium or front of house curtain.

STAGE RISERS AND FURNITURE

| | Qty | Length | Width | Height |
|------------------------------|-----|--------|-------|--------|
| Large riser | 4 | 2100 | 600 | 185 |
| Medium riser | 14 | 1500 | 300 | 185 |
| Small riser | 8 | 600 | 300 | 185 |
| Lectern | 2 | | | |
| Conductor's Podium –No Stand | 1 | | | |
| Stage chairs | 120 | | | |
| Music stands | 12 | | | |

DRESSING ROOMS as at 02/02/2010

The Robert Blackwood Hall is served backstage by a large Green Room/Assembly area with program relay and CCTV of the stage. This area has ample mirrors and lighting. The room is equipped with a fridge and urn. There are Male & Female change rooms and toilets. There are also 2 guest artist dressing rooms with shower facilities.

INSTRUMENTS

We have a choice of 2 pianos available for hire within the Robert Blackwood Hall, a Steinway Model D and a Yamaha CF. The use of these pianos and any tuning required is an additional charge.

The Robert Blackwood Hall is also the home to the Louis Matheson Pipe Organ. The organ was built by Jurgen Ahrend. Use of the organ must be approved by the University Organist.

Stage Dimensions

