

THE ALAN ROSS CENTRE



Billanook College

# TECHNICAL SPECIFICATIONS

2015

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## Stage

### Stage Description:

Proscenium Arch with tracking (no flying). Sprung floor covered with masonite sheets. No fixing/screwing into stage surface.

Stage distributed load limit	7.5KPa
Stage point load limit	450Kg/cm <sup>2</sup>
Stage rake	No

### Stage Dimensions:

Proscenium

Width	12 metres
Height	6 metres

Stage

Width	12 metres
Deep	7 metres (Curtain to cyc)
Apron	2 metres (Curtain to stage lip, curved)

Wings

Prompt	2.5 metres
Off Prompt	11 metres

### Auditorium:

Raked seating – Entrance aisle between rows D & E.  
Seating capacity **475 (see map)**

### Orchestra Lift / Pit:

Orchestra Pit

No Orchestra Pit

### Flying Facilities:

Fly System

There is NO fly tower

5 full lengths of P1000 Unistrut are available for tracking – 4 pick-ups per track



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## Hanging Plot:

MW = Motor Winch, TR = P1000 Unistrut Track

S.W.L.: Maximum distributed load including bar weight (Kg)

Line #	Distance from Curtain	Line Type	S.W.L.	Venue Allocation	Intended Use (Hiring company use)
1	-6.5m	MW	250	LX BAR #1	
2	-0.8m	MW	250	LX BAR #2	
3	-200			Valance	
4	-100			House Curtain	
5	400			Legs	
6	500	MW	250	LX BAR #3	
7	700			Border	
8	1300	MW	100	Projector Screen	Access to bar by prior arrangement only.
9	1400			Legs	
10	1700	TR		Unistrut	
11	2200	TR		Unistrut	
12	2600			Border	
13	2700			Mid Tabs	
14	3200	MW	250	LX BAR #4	
15	3600	TR		Unistrut	
16	4200	TR		Unistrut	
17	4700	TR		Unistrut	
18	5200			Legs	
19	5300			Borders	
20	5500	TR		Unistrut	
21	5800	MW	250	LX BAR #5	
22	6600			Rear Tabs	
23	6900			Cyclorama	

## Drapery:

*Type	Material	Colour	Width	Height	Quantity
Cyclorama	Filled cloth	White	16000mm	8700mm	1
Upstage Tabs	Wool, 50% gathering	Black	8000mm	7630mm	2
Mid-stage Tabs	Wool, 50% gathering	Black	8000mm	7630mm	2
Borders	Wool, 50% gathering	Black	16000mm	2500mm	4
Legs (360° index)	Wool, 50% gathering	Black	2800mm	7630mm	8
House Curtain	Velvet, 80% gathering	Black	7000mm	7200mm	2
Valance	Velvet, 80% gathering	Black	14000mm	2500mm	1

### The Alan Ross Centre

Billanook College

197-199 Cardigan Road

Mooroolbark VIC 3138

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## Access Equipment:

Elevated Work Platform

1 x JLG 20MVL motorised vertical lift.

EWP Restrictions

EWP licence required.

Ladders

1x 3m fibreglass

1x 3m aluminium (not for electrical use)

## Loading Dock:

Access

Loading Dock Height

Ground level - loading bay & stage are at the same height

Door Dimensions

5500mm High x 2750mm Wide

Restrictions / Obstructions

Larger trucks must park 90° to loading dock.

## Staging Notes:

All flown/tracked items must be rigged with rated equipment and are subject to approval by the Centre Operations Officer.

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## Lighting

### Positions:

Stage LX Bars    fixed – cannot be swung  
                          *See hanging plot for standard LX bar locations*

#### FOH LX #1

Curtain to lighting bar    8.9m @ 65 deg  
Width & Patch #            16m. (1 - 36)  
Notes                         36 patch points, 2 x video, 1 x DMX & Ethernet

#### FOH LX #2

Curtain to lighting bar    6m @ 85 deg  
Width & Patch #            12m. (37 - 60)  
Notes                         24 patch points, 2 x video, 1 x DMX & Ethernet

#### FOH LX #3

Curtain to lighting bar    6.5m @ 85 deg  
Width & Patch #            14m. (169 - 180, J1 - J12)  
Notes                         24 patch points, 2 x video, 1 x DMX & Ethernet

#### FOH LX #4

Curtain to lighting bar    8m @ 75 deg  
Width & Patch #            14m. (120 - 144)  
Notes                         24 patch points, 2 x video, 1 x DMX & Ethernet

#### FOH LX #5

Curtain to lighting bar    9m @ 65 deg  
Width & Patch #            14m. 145 - 148)  
Notes                         24 patch points, 2 x video, 1 x DMX & Ethernet

#### FOH Booms (PS & OP)

Patches per boom         (3) Booms per side  
                                     6. (61 - 96)  
Notes                         Standard rig has no lighting on these bars

#### STAGE

Patches & Patch #         6 per corner of stage (97 - 120)

### Control:

Lighting desk                ETC ion 1000 (1024 Channels)  
Signal output                2 x DMX512 outputs, RDM ready  
Signal distribution         One stream of DMX to dimmers, one spare

### Dimmer Racks:

Total Dimmers              6 x Jands WMX-A = 72 dimmers @ 2.4kW  
                                     2 x LSC 12 x 2.4k available by prior arrangement  
Dimmer Locations         PS Catwalk

### House Lights:

Independent control    Yes from Control Room and Stage Manager





## Stage Luminaire

### Profiles

Make	Model	Angle	Detail/Accessories	Watt	Total
ETC	Source 4	15 - 30		750w	12
ETC	Source 4	25 - 50		750w	10
ETC	Source 4 Jr	25 - 50	3 x 3 rows - downlights	575w	9
Selcon		24 - 40		650w	4

### Fresnels

Make	Model	Detail/Accessories	Watt	Total
Spotlight	Combi		1200w	12

### PC

Make	Model	Detail/Accessories	Watt	Total
Spotlight	Combi		1200w	12
Spotlight	Combi		650w	10

### Par Cans

Make	Model	Angle	Detail/Accessories	Watt	Total
ETC	Par64			1000w	8
ETC	Par56			300w	8
ETC	LED PAR				6

### Wash

Make	Model	Detail/Accessories	Watt	Total
Spotlight	Domino	(4) cells per unit (cyc)	1000w	16

### Followspots

Make	Model	Angle	Detail/Accessories	Watt	Total
Spotlight	Vedette			2500w	2

### Movers

Make	Model	Angle	Detail/Accessories	Watt	Total
Martin	MAC500			575w	4

## Additional Lighting

Available on request through our suppliers at a discounted rate.



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## **Power:**

- 3 Phase Outlets (all 40amp Wilco Plugs)
- 8 x PS Gallery
- 2 x Rear wall (P & OP)

## **Cabling:**

- 240v Extension Cable
- The venue has a good stock of 240v (10 amp) extension leads to accommodate our standard rig.
- Any additional equipment may require additional leads to be sourced.

## **Looms:**

- The venue has a limited supply of looms
- 1 x 15m 4 way 240v
- 1 x 10m 4 way 240v

## **Lighting Notes:**

There is no gantry/catwalk. Luminaries must be hung at floor level and can be focussed from the EWP.

The venue has a preferred supplier for hiring additional lighting. Please contact us for details.





## Audio

### Control Positions:

#### Control Room

Rear centre. Glass window slides to fully open.

#### Auditorium

Centre of rear two rows. 10 seats removed. Audio operator will need to move through audience to mixing position. Limited access to Control Room technology.

#### Other

Sub-mix from any tie-line patch. Sub-mixer to be patched through main console.

### Control & Amplification:

#### Primary Mixer

- Yamaha M7CL - 48 channels, 4 stereo channels, 16 mix output channels, 8 matrix output channels.  
Built in FLEX15GEQ and FX units.

#### Amplifiers

- Crown XLS802D – for stage lip fill (JBL AC16s)  
(All FOH speakers are powered)

#### Driverack

- DBX-4800

#### EQ

- Built into Primary mixer, 4 x DBX-2231 are also available by prior arrangement

#### FX

- Built into Primary mixer, 1 x Lexicon MX400, 1 x TC300 - available by prior arrangement

#### Compression / Limiter / Gates

- Built into Primary mixer, 1 x DBX-1046 Quad compressor/limiter  
- 1 x DBX 1074 Quad Noise Gate - available by prior arrangement

### Speakers:

#### FOH Speakers

- (4) JBL VP212 speakers
- (2) JBL VPSB7118 subs

#### Foldback

- (4) JBL PRX 512M or (4) JBL AC16







## Playback

Item	Make	Model	Detail	Total
Qlab Software	Apple	I-Mac		1

## Microphones (Extra Costs)

Make	Model	Detail/Accessories	Use	Total
Shure	MX418		Lectern	2
Shure	SM58		Vocal	4
Shure	SM57		Instrument	8
Shure	MX393		Boundary	4
Sennheiser	IMX6A	Radio Microphone	Headset	8
Sennheiser	G300 series	Radio Microphone	Handheld	8

## Accessories

Item	Model	Detail/Accessories	Total
Microphone Stands	K&M	With boom arm	10

## Line Patching

Location	Quantity	Numbering	Detail
OP Downstage	24	1-24	24 sends, 12 returns
OP Upstage	24	25-36	12 sends, 4 returns
P Downstage	24	37-48	12 sends, 12 returns
P Upstage	24	49-60	12 sends, 4 returns
Studio	24	61-84	24 sends, 6 returns
Prod Desk & Foyer	6	85-91	6 sends, 6 returns
Stage Traps	6	92-97	6 sends, 6 returns

## Audio Cable

There is a good stock of leads to accommodate the venue's equipment.

## Multicore

In addition to many tie-lines throughout the venue:

1 x 30m, 16 sends (XLR), 4 returns (TRS)

2 x 10m, 12 sends (XLR), 4 returns (TRS)

## Audio Notes:

A 300mm conduit is available from the Control Room to Stage Right.

A hearing loop is available in the Foyer & Auditorium.





## Audio Visual

Projectors (Extra Charge)

Type	Model	Detail/Accessories	Total
Panasonic	D6000E	6,000 lumen projector	1

### Screens:

Projection screen

Da-Lite Cosmopolitan Electrol - motorised (3120 x 4170mm)

Positioned in front of mid tabs

### Projector Rigging Points:

Projector is rigged just behind Lighting Bar 1 in the Auditorium.

### Cabling:

A good stock of AV cabling – RCA, BNC – to accommodate the venue's own equipment.





## Backstage

### Communications:

Stage Manager's Desk

Stage Manager's desk is located OFF PROMPT.

Clock, Audience recall, Talkback, House Light control, Paging Mic, LCD monitor

Talkback

Master Unit

Ezicom200

Total sub stations

6 x Ezicom 100 Beltpacks

1 x permanently for Stage Manager

Total headsets

7 x CC95 single muff headsets

Talkback patching located at: 2 x Control Room

Stage Manager's Desk

Followspots (2)

Prompt Stage

### Production Facilities:

Production Desk (if required)

Production Desk set-up in the centre of Row E. DMX, GPO.

Phone

Emergency calls can be made from a phone in the Centre Operations Officer's Office.

Internet access

Access may be available by prior arrangement. This service will attract additional charges.

### Backstage:

Tea/coffee facilities Yes

Fridge Yes

Microwave Yes

Running Water Yes

## Additional Facilities & Information

### Orchestral:

Yamaha C2 Grand Piano - *Additional charges apply.*

Rehearsal Space

Old Market Theatre (size, draped walls, painted concrete floor, booking required).

Other:

**NO masking tape.** Stage is to be marked with electrical or marking tape only.



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## Venue

### Venue Contacts:

Venue Address Billanook College  
197 Cardigan Road  
Mooroolbark, 3138

Fax 03 9725 8556

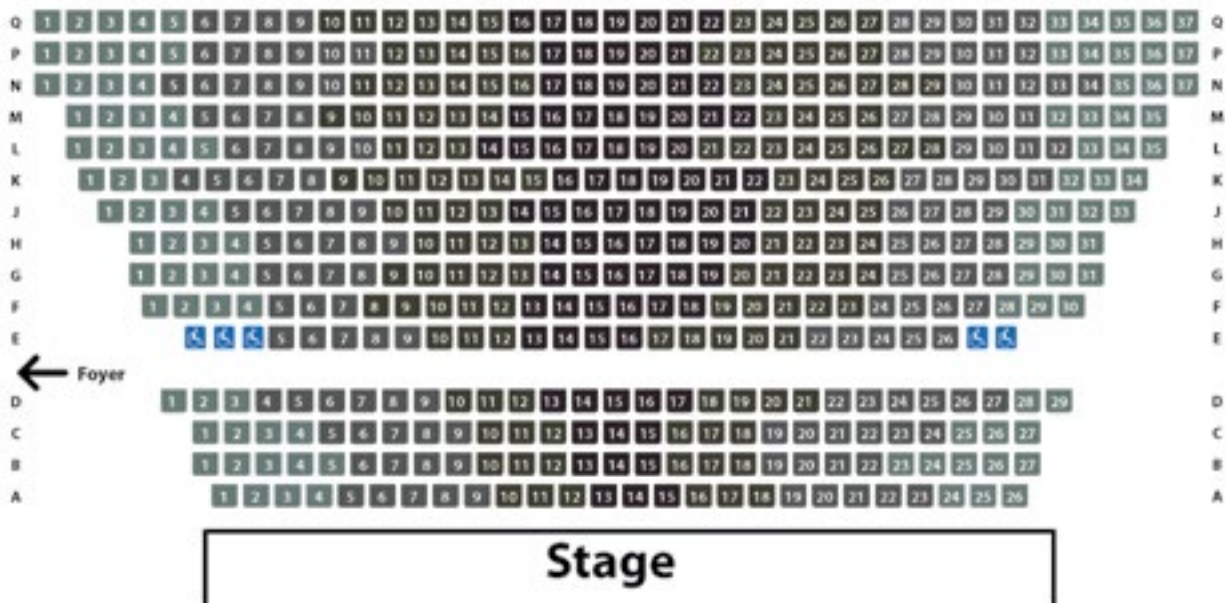
### Staff Contacts:

Centre Operations Officer Andrew Spurrirt  
Phone 03 9724 1199

## Venue Plans

### Seating

### Billanook College Auditorium Seating Plan



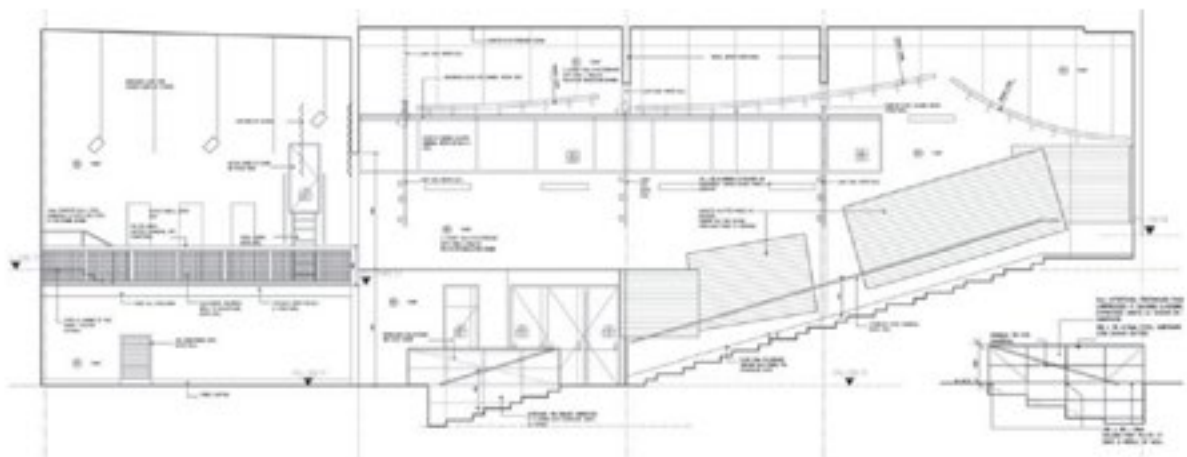
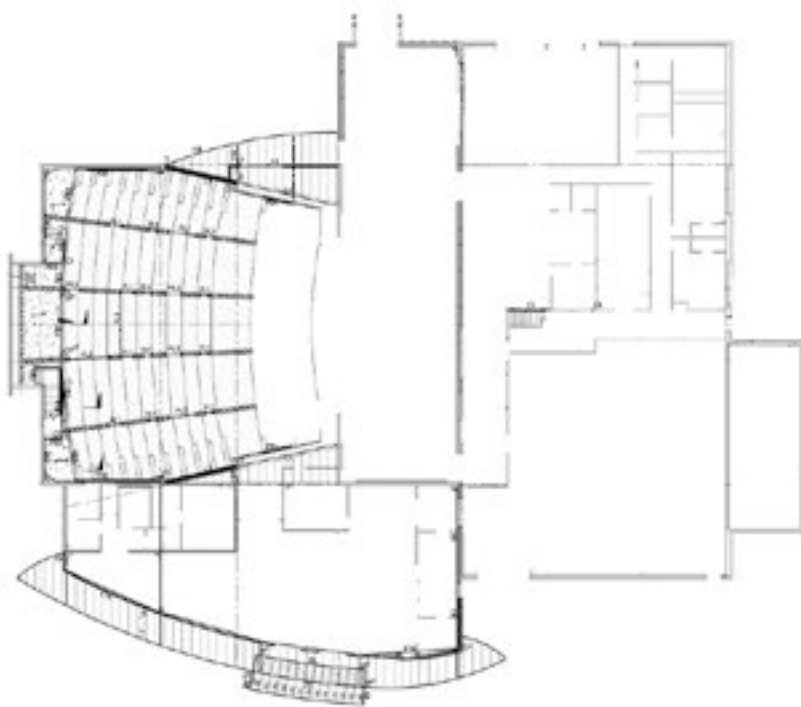
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