

Technical specifications

STAGE

Brief stage description

Stage one:

The Cube Wodonga is a flat floor, multipurpose space with a retractable seating bank and balcony seating. There is no proscenium arch or fly tower (10 meter ceiling). The surface is hardwood floor covered with Masonite sheets.

There is a removable seating/orchestra pit, which seats an additional 69 patrons or space for an orchestra. (Manual pit lid removal)

The venue has a front of house curtain, mid tab and rear tab curtains, as well as side leg curtains, with all lighting bars on motors, spare lines on hand winches.

Stage point load limit:

Stage point load of 700kg

Stage two:

Modular staging 1m x 2m sections total of 80m². Stage height 500 to 800mm with disabled access ramp. These staging units are covered in grey carpet.

Stage rake:

No

Stage dimensions

Non-proscenium stage

Theatre stage:

Width 14m

Depth 10m

Modular stage:

80m² of modular staging at two heights of 500mm to 800mm.

Access door to stage from scene dock - 2.9m by 2.9m.

Setting line

200mm upstage from the fire curtain.

Distance from (*SL* = Setting line, *CL* = Centre line)

SL to DS edge of orchestra lift/pit 800mm

SL to first fly line 350mm

SL to last upstage fly line 8.7m

SL to rear wall 9.7m

CL to OP wall (or obstruction) 9.4m

CL to PS wall (or obstruction) 9.4m

Stage to underside of grid 7m

PLEASE NOTE: This may be different to the batten drift measurement. Overhead obstructions N/A

AUDITORIUM

The auditorium consists of a retractable seating system with a level one balcony.

Seating capacity with additional seating pit installed and balcony - 410

Seating capacity without seating pit and seats added on the flat floor with a reduced stage can see a seating capacity – 550.


ORCHESTRA LIFT/PIT
Orchestra pit

The venue has a dual purpose seating/orchestra pit. It can be used to seat up to 25 orchestra members, but will reduce the seating capacity of the venue by 69 patrons.

Depth of pit is **1.5m**

Width of pit is **17m**

Length of pit is **3m**


DRAPERY

Type	Material	Colour	Width	Height	Quantity
House curtain	Wool, 50 per cent / 500gsm	Black	10.3m	9.5m	One pair
Borders	Wool, 50 per cent / 500gsm	Black	14.8m	3.5m	Five
Legs	Wool, 50 per cent / 500gsm	Black	2.4m	7.8m	Three pair
Valance	Wool, 50 per cent / 500gsm	Black	20m	3.5m	Two
Travellers	Wool, 50 per cent / 500gsm	Black	7.5m	7.8m	Two pair

HANGING PLOT

SL: Setting line as indicated previously

Line type: **SP** = Single purchase, **DP** = Double purchase, **MW** = Motor winch, **HW** = Hand winch, **HL** = Handline

W.L.L.: Maximum distributed load including bar weight

PLEASE NOTE: All legs are dead hung.

Line no	Distance from SL (mm)	Line type	W.L.L	Venue allocation
1		DH		Front of house (FOH) curtain
2	100	Fixed	NA	Border
3	500	MW	45kg/m	LX one
4	1100	MW	500	Sq truss (5m)
5	1700	DH	NA	Web Truss (dead hung)
6	1800	DH	NA	Legs two
7	2000	HW	420	Border
8	2800	MW	500	Sq truss (5m) LX three
9	3600	DH	NA	Border
10	3750	DH	NA	Legs three
11	3900	HW	420	Mid-stage traveller
12	4350	MW	500	LX four
13	5100	MW	500	Sq truss (5m)
14	5800	HW	420	Web truss
15	6900	DH	NA	Border
16	7000	DH	NA	Legs four
17	7100	MW	500	LX five
18	7900	HW	420	Rear traveller
19	8100	HW	420	Web TR
20	8200	HW	420	CYC

ACCESS EQUIPMENT

Elevated: work platform

Snorkel s3246e Scissor Lift. (1.5m x 2.5m)

Maximum drive speed (extended) .8km/h

Maximum drive speed (stowed) 3.2km/h

Maximum reach is:

Platform height is 9.75m

Maximum reach is **11.8m**

EWP restrictions

Use is at the discretion of The Cube Wodonga technical co-ordinator.

Ladders:

Six foot "A" frame aluminium ladder

Lift pod - working height of 4.2 meters

STAGING UNITS**Power stage:**

40 stage sections 1m by 2m, heights of 500mm for 40 square meters of stage area and 800mm for 80 square meters of stage area.

LOADING DOCK**Access:**

Truck access off Hovell St to loading dock at rear of building.

Loading dock height - 4.5m

Door dimensions - 4m (high) by 3.5m (wide)

ADDITIONAL RIGGING NOTES

11 rigging points in auditorium floor and stage, request additional information from the venue if required.

LIGHTING**Positions**

On Stage LX bars: Fixed single bars and box truss.

PLEASE NOTE: See hanging plot for standard LX bar locations.

Orchestra bar – Box truss**Setting line to lighting bar:**

Distance is adjustable from setting line.

Height of 8.5m.

Usable bar width: 14.2m

FOH bridge one - Moveable

Setting line to lighting bar: 15.3m

Usable bar width: 14.1m

FOH perches (PS and OP)**Setting line to FOH perch:**

LX bar runs horizontally around the balcony floor and handrail of second level.

FOH booms (PS and OP)**Setting line to FOH boom:**

LX bar runs horizontally around the balcony floor and handrail of second level.

PLEASE NOTE: Distances are to the highest downstage point of boom or perch.

Control

Lighting desk: Primary desk Vista T2

Secondary desk: ETC Ion

Control channels: Up to 8192 channels (16 universes)

Signal output: 4 DMX outputs, 1 Ethernet/Network port

Signal distribution: 2 DMX universes available at various locations on each level throughout auditorium.

Remote riggers available onstage: Ipad controller.

Dimmer racks

Dimmer quantity: 120 (10 racks at 12 dimmers each)

Dimmer locations: Dimmer room located at balcony level above stage OP side, two additional dimmer racks are available on request. These can be relocated to the stage or where required.

Per dimmer Va : 2500

House lights

Independent control: Dynalite LED house lights

Control positions: Stage OP and P sides, bio box, rear of auditorium floor level, box office

Fade time adjustable:

Yes

Profiles

Make	Model	Angle	Detail/ accessories	Watt	Total
ETC	Source four zoom spot	15 - 30		750	12
ETC	Source four zoom spot	25 - 50		750	24

Fresnels

Make	Model	Detail/ accessories	Watt t	Total
ETC	Source four fresnel	Barn doors	750	24
ETC	Source four ParNel		575	10

Par cans

Make	Model	Angle	Detail/ accessories	Watt	Total
ETC	Source four PAR			750	23
LedTechnik pro par three	LED pro PAR 64 tri-colour				6

Movers

Make	Model	Control channels	Detail/ accessories	Watt t	Total
Vari- lite	VL1100TID	20	Gobo	1100	6
Terbly	Rockwash	12			6

Followspots

None on site. Available for external hire upon request.

Patching

Location	QTY	Numbering (PS to OP)	Detail/accessories
DS PS	12	47-59	Eight by 10amp GPOs available
MS PS	4	43-46	
US PS	12	31-42	Four by 10amp GPOs
USC	4	29-30	Four by 10amp GPOs
OS OP	16	13-28	Eight by 10amp GPOs
DS OP	12	1-12	Eight by 10amp GPOs available
FOH (ground)	20	OP 111-118 PS 101-108	10 by 10amp GPOs
FOH level one	36	OP 301-316 PS 325-340	12 by 10amp GPOs
Level one mix position	4	319-322	8 by 10amp GPOs
FOH level two PS	32	501-532	12 by 10amp GPOs
FOH level two OP	32	537-568	12 by 10amp GPOs

Level twomix position	4	533-536	12 by 10amp GPOs
Gallery PS			Four by 10amp GPOs
Gallery US	16	465-480	Two by 10amp GPOs
Gallery OP			Two by 10amp GPOs
LX one	16	401-416	
LX two	16	481-496	
LX three	16	433-448	
LX four	16	417-432	
LX five	16	449-464	

POWER

Three-phase outlets:

Three by 40amp OS PS
 Three by 40amp plus one by 40amp Green OS OP
 Three by 40amp FOH level one
 Two by 40amp FOH level two
 Two by 40amp gallery

CABLING

240v extension cable: The venue has a good stock of extension leads to accommodate the venue's standard lighting rig. Any additional equipment may require additional cable stock to be sourced.

Looms: Theatre has a good stock of looms in various lengths.

AUDIO

Control positions

Control room: Standard position is at Tech level (level 2) above balcony. But multiple sites available for operating audio, lighting and AV.

Auditorium: At lower floor level, centre rear of auditorium, DSOP and DSP sides of stage middle of flat floor space.

Other: Rear of audience balcony (level one).

Control and amplification

Primary mixer: Soundcraft Si Compact 32 channel
 FX: Lexi con MX400

Compression/limiter/gates: Yes/inbuilt in Si Compact.

Speakers

FOH speakers:

JBL VRX 932 LAP
 JBL VRX 918 SP

Foldback:

JBL PRX 512MI Stage monitor x6

Playback:

Item	Make	Model	Detail	Total
CD player	Tascam	SS-CDR200		2

Microphones:

Make	Model	Detail/ accessorie	Use	Total
Shure	Beta 58A	Vocal		4
Shure	Beta 57	Instrument		4
Shure	Beta 52	Dynamic		1
Shure	ULX/S	Radio mic	lapel/ headset	4
Shure	MX202	Choir mic		4
Shure	KSM137	Condenser mic		2

Accessories:

Item	Model	Detail/ accessories	Total
Mic stand - straight			4
Mic stand - boom			6
Mic stand - short			4

Line patching:

Location	Quantity	Numbering Sends>Returns	Detail
Orchestra pit	10		Eight sends, two returns
Onstage	16	7-22/155-170	Eight sends, eight returns
Level two OP	16	33-36/181-184	Eight sends, eight returns
Level two PS	8	37-40/185-188	Four sends, four returns
Level two seating	4	41-44/41-44	Four sends, four returns

Cabling:
Audio cable

Venue has a selection of audio cables suitable for small events. Additional available on request.

Audio notes

Front of house speakers are dead hung and sit down stage of setting line, front fill speakers are available for use when seating pit is used..

AUDIO VISUAL
Projectors:

Type	Model	Detail/accessories	Total
Optima	EH7500	WT91 1.45-1.94:1	1

Screens:

Projection screen - front rear projection screen: 14m x 7.7m

Portable screen - fast fold 183" diagonal HDTV (16:9) format
8'2" x 13'11"

Switcher scaler kramer VP747 Proscale

Projector rigging points:

Projector has a mounting assembly and can be rigged from most horizontal lighting bars.

BACK STAGE
Communications
Stage manager's desk:

Stage manager's desk can be positioned on either PS or OP side of stage.

It can also be relocated to the technical position on either level one or level two. It is fitted with two monitors, lights, a clock, a timer, comms and paging microphone.

Talkback:

Master unit: Telex BTR 80N

Total substations: 9

Wireless talkback sets: 5

Clearcom belt packs and headphones: 4

Paging / show relay: Paging to the dressing rooms is available from the stage manager's desk. Show relay is distributed to all dressing rooms and green room. Each room has an individual volume control.

Stage monitor: Camera with inferred is located centre of the balcony bar. Monitor on stage manager's desk. Feed available to all areas.

Dressing rooms

Dressing room	Capacity	Toilets	Showers	Details
Dressing room one	Three	Yes, accessible	Yes	Fully accessible dressing room
Dressing room two	Fifteen			Shower and toilet access across hallway
Dressing room three	Fifteen			Shower and toilet access across hallway

Laundry/wardrobe

Washing machines: One

Dryers: One

Drying rooms: N/A

Iron/ironing board: One

Clothes racks: Two

Production facilities

Production desk: Available upon request

Production office: No

Phone: Available on request.

Fax: Available on request.

Internet access: Free Wi-Fi is available throughout the venue.

Green room

Tea/coffee facilities: Yes, on request

Fridge/freezer: Yes

Microwave: Yes

Running water: Yes

Stage door

Access: Stage door is located near the loading dock on Havelock St. Access to be negotiated through venue.

VENUE**Venue address**

The Cube Wodonga,
118 Hovell St,
Wodonga, VIC 3690

Postal address

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PLEASE NOTE: Document correct as at November 5, 2014.