



MidCoast Council

Manning Entertainment Centre

Technical Specifications

Updated
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Acting Theatre Manager:

Chris Tippett
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Venue Details:

Address: 33 Manning River Dr Taree NSW 2430
Phone number: 02 6592 5466
Website: www.theMEC.com.au



STAGE

Brief Stage Description:

Unraked stage, with a proscenium arch and flying facilities. Hardwood floor covered with Masonite sheets. Screwing into surface permitted but larger holes to be authorised by Production Manager. Stage crossover behind US fixed gyprock cyclorama wall.

Stage distributed load limit 750 kg/m² – 7.5KN

Stage point load limit 450 kg/m² – 4.5KN

Stage rake No

Stage Dimensions:

Proscenium
Width 12m
Height 6m

Setting Line

The rear of the proscenium. Please allow 200mm for the fire curtain when placing sets.

Distance From (SL = Setting Line, CL = Centre Line)

SL to DS edge of apron 1.15m

SL to DS edge of Orchestra Lift/Pit 3.25m

SL to first fly line 0.880m

SL to last upstage fly line 7.545m

SL to rear wall 7.707m

CL to OP wall (or obstruction) 13.950m

CL to PS wall (or obstruction) 11.970m

Stage to underside roof 14.400m. Note - There is no grid at the MEC.

Overhead obstructions

Fly Gallery on OP at 4.5m high, running from the setting line to the cyc wall.

Auditorium

The Auditorium consists of 16 rows of raked seats with the A Row being removable to allow wheelchair seating.

Seating capacity with additional
Orchestra lift/pit seating installed N/A

Seating capacity without
Orchestra lift/pit seating installed 500



Orchestra Lift / Pit

The orchestra pit is covered with fixed floor sections, steel framed with 12mm ply-wood, that requires 4 crew to move. There is no orchestra pit lift.

Height above Auditorium Floor	0.843m
Depth below Auditorium Floor	1.600m
Lift can be set at any height	No
SWL of orchestra lift	N/A
Usable area	10m x 4m (Approx.)
Capacity	20

Flying Facilities

The MEC Flying system consists of a single purchase house curtain, 26 double purchase fly lines and 3 motorised winch lighting bars.

Total number of Lines	30
Panorama Lines	0
Batten Drift	11.7m (Max height 13.3m – Min Height 1.6)
Batten Type	48mm O/D steel pipe
Batten Length	14m
Batten Extensions	N/A
Batten Pick-ups	5 pick-ups, 1 at centre then others at 3.35m intervals.
Batten Point Load	180kg
Batten W.L.L.	200kg
Cradle Capacity	400kg
LX bars can swing	No
Fly bars can swing	No

Operating Positions

House curtain	PS at stage level
Stage flies	OP on Fly Gallery 4.8m above stage height
LX Bars	PS at stage level.

SEE HANGING PLOT FOR LINE ALLOCATIONS AND FURTHER INFO



Hanging Plot

Note Bars do not swing.

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

Line #	Distance from SL	Line Type	W.L. L	Venue Allocation	Intended Use (hiring company use)
House Rag	505mm	SP	200	House Curtain	House Curtain Only
1	880mm	DP	200	Legs 1	
2	1080mm	DP	200	Projection Screen	Cannot Be Moved
LX1	1220mm	MW	200	LX 1 - Patch 1 to 18	
3	1560mm	DP	200		
4	1760mm	DP	200		
5	1960mm	DP	200		
6	2160mm	DP	200	Border 2 - 3m Drop	
7	2360mm	DP	200	Legs 2	
8	2560mm	DP	200		
9	2760mm	DP	200		
LX2	3030mm	MW	200	LX2 - Patch 19 to 32	
10	3410mm	DP	200		
11	3620mm	DP	200	Border 3 - 3m Drop	
12	3820mm	DP	200	Mid stage Traveller	Cannot Be Moved
13	4020mm	DP	200		
14	4220mm	DP	200		
15	4420mm	DP	200		
16	4620mm	DP	200		
LX3	4870mm	MW	200	LX3 - 33 to 46 Patches	
17	5230mm	DP	200		
18	5430mm	DP	200		
19	5630mm	DP	200	Border 4 - 3m Drop	
20	5830mm	DP	200	Legs 4	
21	6100mm	DP	200	CYC Flood Bar	Cannot Be Moved
22	6490mm	DP	200		
23	6475mm	DP	200		
24	6990mm	DP	200		
25	7240mm	DP	200	LX 5 Back Light Bar	Cannot Be Moved
26	7545mm	DP	200	Black Smother	
	7707mm	N/A	N/A	Fixed White Cyclorama Wall	Fixed White Cyclorama Wall



Drapery

Type	Material	Colour	Width	Height	Quantity
House Curtain	Verdi Velvet 50% Fullness	Maroon Red	14000mm	7000mm	1
Border 1	Wool 0% Fullness	Black	14000mm	3000mm	1
Border 2	Wool 0% Fullness	Black	14000mm	3000mm	1
Border 3	Wool 0% Fullness	Black	14000mm	3000mm	1
Border 4	Wool 0% Fullness	Black	14000mm	3000mm	1
Legs 1	Wool 0% Fullness	Black	2400mm	7500mm	2
Legs 2	Wool 0% Fullness	Black	2400mm	7500mm	2
Legs 3/Traveller	Wool 0% Fullness	Black	7200mm	7500mm	2
Legs 4	Wool 0% Fullness	Black	2400mm	7500mm	2
Smother	Wool 0% Fullness	Black	14000mm	7500mm	2
Cyclorama	Cotton	White	13000mm	6900mm	1
Scrim	Shark tooth	White	14000mm	7000mm	1

Access Equipment

Elevated Work Platform	Genie GR-20
Maximum working height	8m
Maximum platform height	6m

EWP Restrictions

One staff member to be located at base whilst in use to call and view for obstructions etc.

Ladders

- (1) 3.5m Fibreglass steps (12 steps)
- (1) 2.25m Fibreglass steps (8 steps)
- (1) 1.8m Fibreglass steps (6 steps)

Staging Units

- (6) Megadek 2.4m x 1.2m with 60cm & 30cm legs, plus 4 x 30cm Wheel legs

Stage Covers

N/A

Stage Traps

There are 3 traps located 6.6m from the centre line at 1.7m, 3.5m and 5.3m upstage of the setting line on PS, and 1.8m, 3.5m and 5.5m on OP, these traps contain 1 lighting patch each. There are also 3 traps located 0.65m downstage of the setting line at centre stage and 1.7m to OP and 1.4m to PS from Centre, these traps contain audio power/patches only.



Safety Curtain

Safety Curtain installed	Yes
Safety Curtain must be unobstructed at all times	Yes
Thickness of Fire Curtain	200mm
Distance from setting line	0mm

Note: Measurement is to the downstage edge of the Fire Curtain.

Loading Dock

Access

Truck access is via the car park off Keith Coleman Drive. Trucks are able to reverse up to loading dock.

Loading Dock Height	1.25m from road level – Dock is at stage height
Door Dimensions	2.95m High 3.45m Wide

Restrictions / Obstructions

Loading dock is not at stage level, truck doors must be opened before reversing up ramp.

Additional Rigging Notes

There are no load rated rigging points at the MEC.

It can be difficult to brail lighting bars as the catwalks on either side of stage are at different heights.

Staging Notes

Access to the stage galleries is from the PS of stage only.

Limited rigging gear is available in house, including rigging wires, screws, shackles and pulleys.

All flown items must be rigged with rated equipment and is subject to approval by a venue representative.

All Flown items must be stamped with their weight in Kg.



LIGHTING

FOH Bridge #1

Setting Line to lighting bar	10.6m
Usable bar width	14m

FOH Perches (PS & OP)

Setting Line to FOH Perch	1m
<small>Distances are to the highest downstage point of boom or perch.</small>	
Maximum lanterns per perch	12

FOH Booms (PS & OP)

Setting Line to FOH Boom	N/A
<small>Distances are to the highest downstage point of boom or perch.</small>	
Maximum lanterns per boom	N/A
Notes	N/A

Control

Lighting desk	ETC Ion
Control channels	1024
Signal output	DMX
Signal distribution	2 DMX streams to prompt stage dimmers.
DMX Lines	LX1, LX2, LX3, LX4, FOH Catwalk, DSP, DSOP
Remote riggers available onstage	Yes

Dimmer Racks

Total Dimmers	72, 72 Digital, 0 Analogue
Dimmer Locations	Dimmer room located adjacent to prompt stage area.
2.4Kw Dimmer Racks	4 x LSC iPro 12 Channel dimmers 2 x LSC ePro 12 Channel dimmers
Total dimmers @ 2.4kw per dimmer	72
5Kw Dimmer Racks	N/A
Total dimmers @ 5kw per dimmer	0

House Lights

Independent control	Via DMX system
Control positions	N/A
Fade time adjustable	Set according to show



Stage Luminaries

Profiles

Make	Model	Angle	Detail / Accessories	Watt	Total
Selecon	Pacific	14/35		1kw	3
Selecon	Pacific	14/35		800w	13
Selecon	Pacific	45/75		800w	10
Selecon	Pacific	23/50		1kw	16

Fresnel's

Make	Model	Detail / Accessories	Watt	Total
Selecon	Fresnel	Barn doors and gel frames	1.2Kw	36

PC

Make	Model	Detail / Accessories	Watt	Total
Selecon	PC	Barn doors and gel frames	1.0Kw	6

Par Cans

Make	Model	Angle	Detail / Accessories	Watt	Total
N/A					

Wash

Make	Model	Detail / Accessories	Watt	Total
Strand	Coda	Gel frames	4 x 500w	6
Chauvet	Par Quad 18	Gel Frames and Barndoors	RGBA	15
Chauvet	Colorado Batten 144		RGBAW	6

Movers

Make	Model	Control Channels	Detail / Accessories	Watt	Total
Chauvet	Q-Spot 460	14	Clamps and Safety Chains	70 W LED	4
Chauvet	Rogue R2 Spot	21	Clamps and Safety Chains	230 W LED	4

Followspots

Make	Model	Angle	Detail / Accessories	Watt	Total
Strand	Cantata	11 ⁰ -26 ⁰	4 Gel Colour frame holder	1.2Kw	2
Strand	818	12 ⁰ -21 ⁰	4 Gel Colour frame holder	1.2Kw	1



Additional Lighting

Item	Make	Model	Detail / Accessories	Watt	Total
Mirror Ball	Soundivision	60cm	Large Motor	-	1
UV Lighting	Soundivision	UV		200w	3
Strobe Light	Soundivision	DMX-750		1000w	1
Smoke Machine	Robe	1500FT		-	1
Hazer	Martin	JEM Compact		-	2

Patching

Location	Quantity	Numbering (PS to OP)	Detail / Accessories
FOH 1	28	25-52 FOH	28 10amp GPO's
PS Perch	12	1-12 FOH	12 10amp GPO's
OP Perch	12	13-24 FOH	12 10amp GPO's
LX 1	18	1-18 OS	18 10amp GPO's
LX 2	14	19-32 OS	14 10amp GPO's
LX 3	14	33-46 OS	14 10amp GPO's
LX 4	8	47-54 OS	8 10amp GPO's
PS Traps	3	55-57 OS	3 10amp GPO's
OP Traps	3	58-60 OS	3 10amp GPO's

Power

3 Phase Outlets

4 x 40amp on PS dimmer room (2 permanently used for LSC ePro dimmers)

1 x 50amp on PS dimmer room

Cabling

240v Extension Cable

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

Looms

5 x 40m 6-way weiland looms.

3 phase Extensions

None

Lighting Notes

Onstage lighting bars do not swing between locations upstage or downstage.



AUDIO

Control Positions

Control Room

Rear centre of auditorium behind audience crossover, dedicated position, no seats pulled.

Auditorium

N/A

Total seat allocation

0

Control & Amplification

Primary Mixer

Midas Pro2 with DL251 Stage box (48in – 16out) plus 2 Cat6 Digital Multicores and wireless Ipad control.

Secondary Mixers

Soundcraft Si Expression 13

Allen and Heath GL2400, 22 channels, 2 stereo inputs, 6 aux sends, 4 groups.

Amplifiers

- (1) QSC PLX1202 Power amp, 2 channel, 325w x 325w @ 4 Ω → Side Fill
- (1) QSC RMX850 Power Amp, 2 channel, 430w x 430w @ 2Ω → Mono Fill
- (1) QSC PLX1602 Power amp, 2 channel, 500w x 500w @ 4Ω → Highs
- (1) QSC RMX2450 Power Amp, 2 channel, 1200w x 1200w @ 2Ω → Lows/Mids
- (1) QSC RMX5050 Power Amp, 2 channel, 2500w x 2500w @ 2Ω → Subs

EQ

- (1) DBX 231s
- (2) DBX 231
- (1) DBX 1231

FX

- (1) TC electronic D-Two
- (1) Yamaha SPX 990

Compression/Limiter/Gates

- (6) DBX 266XL Stereo Compressor/limiter/gates

Speaker Processor

DBX Driverack 480

Speakers

FOH Speakers

- (4) Martin W3 mounted on Proscenium Wall.
- (2) Martin W2 Mounted just under stage level in orchestra pit.
- (4) Martin C115 Centre Fill at Orchestra Pit

Fold Back Speakers

- (9) Electrovoice SxA 100+



Playback

Item	Make	Model	Detail	Total
CD Player	Tascam	CD-500	Single Rack Unit	2
CD/MD Player	Sony	MXD-D1		1
Tape	Tascam	202MkIII	Dual Tape Player	1

Microphones

Make	Model	Detail / Accessories	Use	Total
Shure	SM58	Mic clips	Vocals	7
Shure	SM57	Mic Clips, drum clips	Vocals, instruments	4
Shure	Beta 57	Mic Clips	Vocals, Instruments	4
Shure	Beta 87	Mic Clips	Vocals	4
Shure	ULX 58	Mic Clips - UA88 Aerial Distribution	Wireless Vocals	4
Shure	SLX 58	Mic Clips - UA88 Aerial Distribution	Wireless Vocals	4
Shure	SM 81	Mic Clips, pop filters	Vocals, instruments	1
Shure	Beta 52	Heavy Bass Mic Stand	Kick Drum/Bass	1
AKG	D112	Clip	Kick Drum/Bass	1
AKG	C1000s	Clip	Instruments, Overheads	2
AKG	C418	Clip	Snare, toms, wind instruments	4
Rode	NT5	Clip, pop filter	Overheads, instruments etc	2
Rode	NTK	Shock mount clip	Studio applications	2
DPA	4099 Stereo Pair	Magnetic Clips	Piano Mic	1

Cabling

Audio Cable

The theatre has a limited stock of cable to accommodate the venues equipment.

Multicore

(1) 50m 32 lines, 24 sends 8 returns – located on stage.

(1) 50m 32 lines, 24 sends 8 returns – located in orchestra pit.

(1) 40m 24 Lines, 20 sends 4 returns – Located on stage.

Audio Notes

FOH speakers fixed on proscenium walls.



Accessories

Item	Model	Detail / Accessories	Total
Microphone stands	Ultimate Support	Round base	5
	K & M	Telescopic Boom	5
		Straight Boom	5
		Overhead Boom	2
	Onstage Stands	Mini Boom	4
	Mini straight	Solid base	4
D.I.'s	LA Audio	D12	2
	JPC	Stereo D.I.	1
Drop Boxes	Hosa	6 send, 2 return	2
	Home made	6 send, 2 return	1
	ProCo	24 send, 4 return	1
	Klotz	DI44, 6 Multifunction Send, 2 Return	2

Line Patching

Location	Quantity	Numbering	Detail
DSP Stage Wall to Orchestra Pit	1	Prompt Line	1 In/Out
DSOP Stage Wall to Orchestra Pit	7	1-6, OP Line	6 In/Outs, 1 return In/Out
Stage Traps to Orchestra Pit	10	12 - 21	10 In/Outs
USOP Stage Wall to Orchestra Pit	1	Aux 2	1 In/Out

Speaker Patching

Location	Quantity	Numbering	Detail
DSP Stage Wall	1	Fold Back 1	Speakon Connectors amps located in Orchestra Pit
DSOP and USOP Stage Wall	2	Fold Back 1 & 2	Speakon Connectors amps located in Orchestra Pit



AUDIO VISUAL

Projection Room

N/A

Projectors

Type	Model	Detail / Accessories	Total
Epson	4500lm	Projector Hanging Bracket	1

Screens

Draper	7m x 4m
White Cyc cloth	13m x 6m
White Cyc Wall fixed at rear of stage.	14m x 7m

AV Playback Equipment:

Item	Model	Detail / Accessories	Total
MacBook Pro	2009	256Gb Solid State Drive	1
Panasonic Bluray Player	2014		1

Projector Rigging Points

The theatre has a mounting bracket that is suitable for office style projectors that can be flown from any horizontal fly or LX bar.

Projection Cradle at rear of Auditorium.

Cabling

The theatre has 2 x 40m VGA cables permanently installed from Prompt Desk and Control Room to FOH Catwalk Centre.

Audio Visual Notes



BACKSTAGE

Communications

Stage Managers Desk

Stage Managers desk is located in prompt corner. The desk can be moved within this area and is fitted with a light, Talk Back Headset and Video Monitoring Screen.

Talkback

Master Unit	Jands Easycom running 1 common loop.
Total sub stations	7 belt packs
Total headsets	7 headsets
Radio Units In-house	N/A
Talkback patching located at:	<ul style="list-style-type: none"> 3 control room patches plus Master Unit 2 FOH catwalk patches adjacent to follow-spots 1 Prompt stage, Off Prompt 1 Orchestra pit, Fly gallery 1 at USOP 1 at the Box Office 1 at Managers Office

Paging/Show Relay

Paging to the dressing rooms is available from the stage managers desk. Show relay is distributed to all dressing rooms and green room. Each room has an individual volume control.

CCTV set up in every room at the MEC, SM position, Flytower, control room etc.

Q Light System

In house Q light system available	N/A
Number of units	0

Dressing Rooms

Dressing Room	Capacity	Toilets	Shower	Details
Dressing room #1	15	0	No	Showers available in green room toilets.
Dressing room #2	15	0	No	Showers available in green room toilets.
Star Room	5	1	Yes	A small room dedicated to the star of the show with shower and toilet.

Laundry/Wardrobe

Washing Machines	1 x 8kg LG
Dryers	1 x 8Kg LG
Drying rooms	N/A
Iron / ironing board	3 irons/boards located in dressing rooms
Clothes racks	3 irons located in dressing rooms



Production Facilities

Production Desk	N/A
Production Office	No
Phone	Access to phone at Stage Manager desk or control room.
Fax	Yes, located in managers office, 02 6592 5477
Access to phone for internet access	No

Greenroom

Tea / Coffee facilities	Yes
Fridge / freezer	Yes
Microwave	Yes
Running water	Yes

Stage Door

Access

Stage Door is located beside the loading dock accessible at the front of the building. Access during bump-in / out will be controlled by the duty technician.

ADDITIONAL FACILITIES & INFORMATION

Orchestral

(1)	Yamaha CFIII Grand Piano. Cannot be moved off stage area, tuning to be arranged prior to use.
(1)	Yamaha CIII Baby Grand Piano. Cannot be moved off stage area, tuning to be arranged prior to use.
(0)	Music stands or sconces.

Rehearsal Space

No rehearsal rooms.

Staffing

The MEC has a crew of casual theatre technicians available for performances. These staff are co-ordinated by the Production Manager.



VENUE



The Manning Entertainment Centre operates 1 performance space, with our “Collins” room and Foyer able to be used for small presentations and meetings. The main venue has a proscenium arched stage with a raked seating capacity of 505.

A core team of 4 people run the centre, which is owned and operated by MidCoast Council; we have a pool of casual production staff. All bar staff and ushers are volunteers.

The venue is located next to our Visitor Information Centre and McDonalds. We are approximately 5 minutes drive from the town centre.

Address 33 Manning River Drive Taree, NSW 2430

Postal Address PO Box 482 Taree, NSW 2430

Staff Contacts

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Ticket Outlet Stocklands Forster
Over the Counter sales only

Box Office Phone Number 02 6592 5466

Venue Plans

Venue Plan Available YES a PDF or DWG file emailed upon request.
Venue Section Available YES a PDF or DWG file emailed upon request.

