

MidCoast Council

Manning Entertainment Centre

Flett Studio

Technical Specifications

**Updated
9/02/2024**

Venue Details:

Address: 33 Manning River Dr Taree NSW 2430

Phone number: 02 6592 5466

Website: www.theMEC.com.au

Email: mec.production@midcoast.nsw.gov.au

STAGE

Brief Stage Description:

Unraked performance area with retractable seating at one end. Sprung flooring. Screwing into surface must be authorised by Senior Staff.

Stage distributed load limit	750 kg/m ² – 7.5KN
Stage point load limit	450 kg/m ² – 4.5KN
Stage rake	No

Room Dimensions :

Width 14m
Depth 22m

Setting Line

The rear wall closest to the dressing rooms.

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

SL to first row when seating is deployed	1.30m
SL to retractable seating when packed	10.40m
SL to Ops Gallery	10.40m
SL to rear wall	7.95m
Stage to underside roof	7.25m Note - There is no grid at the Flett Studio

Seating

The retractable seating bank consists of 16 rows of raked seats with the AA Row being removable to allow wheelchair seating.

Flying Facilities

The Flett Studio Has no fly lines or motorised winches.
Steelworks allow installation of approved rigging and flying gear.
A curtain track surrounds the perimeter with black drapery.

Additional Rigging Notes

Please contact venue management for additional details

Drapery

Type	Material	Colour	Width	Height	Quantity
Cyc Traveller	Wool 50% Fullness	Black	6000mm	7090mm	2
Wall Masking drapes	Wool 50% Fullness	Black	6000mm	7090mm	4
Wall Masking drapes	Wool 50% Fullness	Black	3500mm	7090mm	8

Access Equipment

Elevated Work Platform	Genie GS1932M XH
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) Megadeck 2.4m x 1.2m
- (8) 900mm legs
- (18) 600mm Legs
- (24) 300mm legs
- (8) 300mm Wheel legs
- (8) 600mm Wheel Legs

Floor Covers

N/A

Stage Traps

There are no floor traps, instead there are wall boxes. 1 in each corner and 2 on the rear wall.

Cyc Wall PS	Patches 129 Thru 130	1 x 15a Audio Power	4 X Network Patches
Cyc Wall OP	Patches 127 Thru 128	1 x 15a Audio Power	4 X Network Patches
Mezzanine Corner PS	Patches 135 Thru 138		2 x Network Patches
Mezzanine Corner OP	Patches 131 Thru 134		2 x Network Patches
Up Stage PS	Patches 142 Thru 144		2 x Network Patches
Up Stage OP	Patches 139 Thru 141		2 x Network Patches

Loading Dock

Access

Truck access is via the car park off Keith Coleman Drive. Trucks are able to reverse up to loading dock. The Flett Studio dock IS NOT up the ramp. The dock is at the far end of the carpark.

Loading Dock Height	0.70m from road level – Dock is at stage height
Door Dimensions	2.94m High
	1.87m Wide

Restrictions / Obstructions

N/A

Staging Notes

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

Lighting Bar Plot

Note Bars do not swing.

SL: Setting Line as indicated previously

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

LX #	Distance from SL	W.L.L.	Patching
1	7060mm	200	1 Thru 18
2	6000mm	200	19 Thru 36
3	2890mm	200	37 Thru 54
4	0900mm	200	55 Thru 72
5	-5100mm	200	73 Thru 90
6	-8950mm	200	91 Thru 108
7	-11910mm	200	109 Thru 126

Each bar is made up of 2 x 4.7m and 1 x 3.53m JLX Pro Lighting Bars with 6 x 10a outlets per section.

Control

Lighting desk	ETC Ion
Control channels	1024
Signal output	sACN
Signal distribution	TCP/IP sACN network
DMX Lines	All LX bars and wall boxes via RJ45.
Remote control available onstage	Yes, iPad

Power Distribution

Total Dimmers	72 x 10amp
Dimmer Locations	Communications Room behind gallery ops position
2.4Kw Dimmer Racks	4 x LSC GenVI 12 Channel dimmers 1 x Jands HP12 1 x Jands FPX

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	Quantity
Selecon	Pacific	Base	Base Containing Lamp	1kw	18
Selecon	Pacific	Base	Base Containing Lamp	800w	23
Selecon	Pacific	14/35	Gel Frame and Gobo Slot	Lens	16
Selecon	Pacific	45/75	Gel Frame and Gobo Slot	Lens	10
Selecon	Pacific	23/50	Gel Frame and Gobo Slot	Lens	15

Fresnels

Make	Model	Detail/Accessories	Watt	Quantity
Selecon	Fresnel	Barn Doors and Gel Frames	1.2kw	36

PC

Make	Model	Detail/Accessories	Watt	Quantity
Selecon	PC	Barn Doors and Gel Frames	1.2kw	6

Cyclorama

Make	Model	Detail/Accessories	Watt	Quantity
Strand	Coda	Gel Frames	4x500w	6

Static LEDs

Make	Model	Mode	Details/Accessories	Watt	Quantity
Chauvet	Par Quad 18	10ch	RGBA	18x7W	15
Chauvet	Colorado Batten 144	Tour	RGBAW	144x1W	5

Moving Heads

Make	Model	Mode	Details/Accessories	Watt	Quantity
Chauvet	Q-Spot 460	14ch	Dual gobo wheel, 7 colour plus white, rotating 3-facet prism, moving spot	70W LED	4
Chauvet	Rogue R2 Spot	21ch	Dual gobo and colour wheels, frost, rotating 3-facet prism, moving spot	230W LED	4

Followspots

Make	Model	Angle	Detail/accessories	Watt	Quantity
Strand	Cantata	11/26	4 Gel Colour Frame Holder	1.2kw	2

Additional Lighting

Item	Make	Model	Details/Accessories	Watt	Quantity
Large Mirror Ball	Soundivision	600mm	Large Motor		1
Small Mirror Ball	Soundivision	150mm	Small Motor		4
UV Lighting	Soundivision	UV		200w	3
Smoke Machine	Antari	Z-1500			2
Hazer	Martin	JEM Compact Pro			2

Power

3 Phase Outlets

6 x 32amp in communications Room (all permanently used for venue power distribution)

2 x 32amp on either side of main performance area, rear wall.

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.

3 phase Extensions

1 x 5m

AUDIO

Control Positions

Gallery	Rear centre of room behind retractable seating, dedicated position, no seats pulled.
Studio	Any where within the studio space within proximity of a wall box

Primary Control

Allen and Heath SQ5
(3) DX168 Stage box (16in – 8out)
Wireless iPad control.

Amplification

(1) ESP4000 (4X1000Watt – Monitors)

Speakers

Monitors	(1) KV2 ESM 12L (1) KV2 ESM 12R
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Additional Inventory – Available by arrangement only

Control

Soundcraft Si Expression 13
Allen and Heath GL2400, 22 channels, 2 stereo inputs, 6 aux sends, 4 groups

Amplifiers

(1) ESP4000 (4X1000Watt – Monitors)
(1) ESP2000 (2X1000Watt – Monitors)
(1) QSC PLX1202 Power amp, 2 channel, 325w x 325w @ 4 Ω Side Fill
(1) QSC RMX850 Power Amp, 2 channel, 430w x 430w @ 2 Ω Mono Fill
(1) QSC PLX1602 Power amp, 2 channel, 500w x 500w @ 4 Ω Highs
(1) QSC RMX2450 Power Amp, 2 channel, 1200w x 1200w @ 2 Ω Lows/Mids
(1) QSC RMX5050 Power Amp, 2 channel, 2500w x 2500w @ 2 Ω 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

FOH Speakers

- (4) Martin W3
- (2) Martin W2
- (4) Martin C115

Fold Back Speakers

- (9) Electrovoice SxA 100+
- (10) KV2 ESM 12L
- (10) KV2 ESM 12R

Microphones

Make	Model	Detail/Accessories	Use	Quantity
Shure	SM58	Clips	Vocals	6
Shure	SM57	Clips, Drum Clips	Vocals, Instruments	4
Shure	Beta 57	Clips	Vocals, Instruments	8
Shure	Beta 87	Clips	Vocals	4
Shure	ULX 58	Clips – U88 aerial Distribution	Wireless Vocals	2
Shure	SLX 58	Clips – U88 aerial Distribution	Wireless Vocals	4
Shure	SM81	Clips, Pop Filters	Vocals, Instruments	2
Shure	Beta 52	Heavy Base Stand	Kick Drum, Bass	1
AKG	D112	Clip	Kick Drum, Bass	1
AKG	C1000s	Clip	Instruments, Overheads	2
AKG	C148	Clip	Snare, Toms, Wind Instruments	4
Rode	NT5	Clip, Pop Filter	Overheads, Instruments	2
Rode	NTK	Shock Mount	Studio Applications	2
Rode	M5	Clip	Multi Use Condenser	8
DPA	4099 Stereo Pair	Magnetic Clips	Piano	1
Shure	WCM16	Dual Ear Headband	Headworn vocals	4

Cabling

Audio Cable

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

Accessories

Item	Model	Details/Accessories	Quantity
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 sends, 2 returns	2
	Home Made	6 sends, 2 returns	1
	ProCo	24 send, 4 return	1
	Klotz	DI44, 6 multifunction send, 2 return	2

AUDIO VISUAL

Projection Room

N/A

Projectors

Make	Model	Details/Accessories	Quantity
Epson	EB-PU2010B	ELPLU04 lens	1

Control

Roland V-60HD

Screens

White Cyc Wall fixed at rear of stage.

8.4m x 7m

AV Playback Equipment:

Item	Model	Details/Accessories	Quantity
MacBook Pro	2009	i5, Intel Graphics	1
Panasonic Blu-ray Player	2014		1

Projector Rigging Points

House projector can be flown with ultra-short throw lens or long throw lens on any lighting bar. Hirer to provide own rated hardware if rigging own projector.

Cabling

The theatre has ethernet cabling distributed around the venue and 1 HDMI AVoIP set.

BACKSTAGE

Communications

Stage Managers Desk

Stage Managers desk is roaming and can be deployed as required (within close proximity of a wall box). The desk is fitted with a light, Talk Back Headset and Video Monitoring Screen.

Talkback

Master Unit	Jands Ezicom running 1 common loop.
Total sub stations	4 belt packs
Total headsets	4 headsets
Radio Units In-house	N/A
Talkback patching located at:	each wall box

Paging/Show Relay

Paging to the dressing rooms is not available.

CCTV set up in every dressing room and SM position.

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	1	1	
Dressing Room #2	15	1	1	

Laundry/Wardrobe

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

Production Facilities

Production Desk	N/A
Production Office	No
Phone	Access to phone in box office and staff offices
Access to WiFi	Yes

Greenroom

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

Stage Door

Stage Door is located beside the loading dock between the Studio and Auditorium. Access during bump-in / out will be controlled by the duty technician.

ADDITIONAL FACILITIES & INFORMATION

Orchestral

(1) Yamaha CIII Baby Grand Piano. Cannot be moved off stage area, tuning to be arranged prior to use. Additional fees apply.
(10) Music stands and sconces.

Rehearsal Space

No rehearsal rooms. MEC Auditorium may be hired at an additional cost.

Staffing

The MEC has a crew of casual theatre technicians available for performances. These staff are coordinated by the Senior Theatre Technician.

VENUE

The Manning Entertainment Centre operates 2 performance spaces, with our Collins meeting room and Foyer able to be used for small presentations and meetings. The main Auditorium has a proscenium arched stage with a raked seating capacity of 505, our Flett Studio is a versatile performance space with a retractable seating bank of 159.

A core team of 3 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 between the YMCA Aquatic 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

Venue Manager Chris Tippett
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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.
Visualisation Capture file available on request.