



The Butter Factory Theatre Wodonga Technical Specifications

Correct at October 2023

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THE BUTTER FACTORY THEATRE WODONGA.....	0
AUDITORIUM	2
VENUE SPECIFICATIONS	2
DIMENSIONS	2
ACCESS AND PARKING.....	3
DRAPERY	3
HANGING PLOT	4
ACCESS EQUIPMENT	4
LIGHTING.....	5
STAGE LIGHTING EQUIPMENT	7
AUDIO.....	8
VISION	9
BACKSTAGE FACILITIES	9
CONTACT DETAILS	10

Auditorium

Description

The Butter Factory is a black box, studio style theatre within an old industrial building with gable roof and large Oregon trusses. The auditorium is fitted with 10 rows of fixed, raked seating, accommodating 162 patrons. There is an open fronted bio box in centre of back row. Rigging and lighting bars are fixed within the roof space.

Along with foyer and bar facilities, the BFT houses a separate studio space that can be configured for rehearsals or small performances / functions.

Maximum Capacity	162
Fly System	No
Orchestra Pit	No

Venue Specifications

The BFT stage is elevated 220mm with pine bearers sprung on neoprene pads, sheeted with 18mm Plywood and 6mm Masonite painted matte black. There is no proscenium or fly tower.

Point Load limit	N/A
Distributed load limit	500kg
Stage rake	No

Dimensions

Stage Floor Area

Wall to Wall	10832mm Wide 10276mm Deep
Performance space	10439mm Wide 8570mm Deep
Setting Line	Front Edge of Stage

Distances

(SL = Setting Line, CL = Centre Line)

SL to rear of stage	8570mm to rear traveler
CL to OP Wall (or obstruction)	5446mm
CL to PS Wall (or obstruction)	5386mm

Height to underside of roof trusses	3900mm
Height to underside of lighting grid	4500mm
Height to apex of roof	7200mm

Overhead Obstruction

The Butter Factory Theatre has Oregon roof trusses at 3500mm intervals along its length.

Access and Parking

Loading Dock

Access via driveway, North side of La Maison Café

Loading Dock Height	330mm (from ground to dock)
Door Dimensions	2980mm Wide 2400mm High
Restrictions	Driveway not suitable for semi-trailers

Stage Access

Distance from Dock to Stage	5856mm
Access Door to Stage	3000mm Wide 2700mm High

Stage Door

Green door, south wall of theatre. Access controlled by duty technician.

Drapery

Type	Material	Colour	Width	Height	Quantity
Travellers	Wool, 50% Fullness	Black	5400mm	4200	4
Legs	Wool, 50% Fullness	Black	1800mm	4200mm	8
Borders	Wool, flat	Black	5400mm	1200mm	2
Scrim	White scrim	White	9500mm	4500mm	1

Hanging Plot

Line no	Distance from SL (MM)	W.L.L	Line Type	Bar Type	Venue Allocation
1	+4100		Fixed	48mm	FOH 2
2	+1250		Fixed	48mm	FOH 1
3	350		Fixed	48mm	Line 1
4	2480		Fixed	48mm	LX 1
5	5090		Fixed	48mm	LX 2
6	5700				Mid-stage Traveller
7	5900				Projector Screen
8	6150		Fixed	48mm	Line 2
9	7250		Fixed	48mm	Cyc
10	8100		Fixed	48mm	Lx 3
11	8500				Up-stage Traveller

NOTE: Use & positioning of tabs, legs & borders must be negotiated with the Venue and Technical Manager prior to bump in.

Access Equipment

Elevated Work Platform

N/A

Ladders

1 x Branach 3m Workmaster platform ladder
 1 x 3m Bailey A frame ladders
 1 x 1.8m Bailey A frame ladder

Scaffold Tower

1 x Instant Scaffolds Scaff Tower
 Normal working height 3350mm
 Max. platform height 4430mm
 SWL: 225kg

Overhead Facilities

Fly Tower

No

Rigging

Rigging Beams are installed at 5400mm above stage.

All flown items must be rigged with rated equipment and is subject to approval.

Flying of persons must be carried out by a qualified rigger.

Lighting Positions

(Standard lighting bars with patches. Lights can be placed wherever necessary and additional bars can be hung if negotiated in advance with Venue Production Manager)

Front of House 2

Distance to Setting Line	4100mm
Height	4550mm
Useable bar width	7100mm

Front of House 1

Distance to Setting Line	1250mm
Height	4620mm
Useable bar width	8400mm

LX 1

Distance to Setting Line	2480mm
Height	4510mm
Useable bar width	8700mm

LX 2

Distance to Setting Line	5090mm
Height	4500mm
Useable bar width	8690mm

LX 3

Distance to Setting Line	8100mm
Height	4610mm
Useable bar width	7280mm

Front of House 2 Perches (PS & OP)

Distance to Setting Line	5100mm
Highest Point of Boom	3800mm (From auditorium floor)
Lowest Point of Boom	2700mm (From auditorium floor)

Front of House 1 Perches (PS & OP)

Distance to Setting Line	1500mm
Highest Point of Boom	4000mm (From auditorium floor)
Lowest Point of Boom	2400mm (From auditorium floor)

Control

Operating Position	Bio Box
Lighting desk	ETC Ion 12 Universes <small>Running V3 releases</small>
Backup Control	ETC Nomad Puck
Signal output	sACN
Signal distribution	Visual Productions Quad Core JANDS DD-8 Opto Isolator to dimmer racks and to each dedicated lx bar
Remote riggers available onstage	No

Dimmer Racks

Quantity	Type	Capacity	Location
24	LSC GEN VI	2.4 kW	FOH Under Seating Bank
24	Jands FPX	2.4 kW	USOP
12	Jands HPC	2.4 kW	USOP

Total Dimmers	60
Dimmer Locations	36 USOP 24 FOH Under Seating Bank

House Lights

Independent control	Yes, Manual fader and DMX control (HTP)
Control positions	Bio Box
Fade time adjustable	Manual or cued through desk

Power

3 Phase Outlets	4x 2x	US Prompt (32 amp) Under Auditorium (32 amp)
3 Phase Extensions	1x	15m
240V Cable		Ample in assorted lengths
Looms	1 x	15m 4-way loom

Stage Lighting Equipment

Profiles

Make	Model	Detail	Watt	Total
Chauvet	Ovation E-910FC RGBAL	25-50°	234	8
Chauvet	Ovation E-910FC RGBAL	50°	234	2
Selecon	Acclaim	24-44°	600	6
ETC	Source 4 Jnr	25-50°	575	6
Selecon	Pacific	Lamp Base Only	800	8
Selecon	Pacific	23-50° Lens Tube Only	-	6
Selecon	Pacific	14-35° Lens Tube Only	-	2
Selecon	Pacific	90° Lens Tube Only	-	2

Fresnels

Make	Model	Detail	Watt	Total
Selecon	Acclaim Fresnel	Barndoors	650	12
ETC	Source 4 Fresnel	Barndoors	750	12
Mole Richardson	Fresnel	Barndoors	2kW	3

PC

Make	Model	Detail	Watt	Total
Selecon	Acclaim PC	Barndoors	650	3

Wash

Make	Model	Detail	Watt	Total
ETC	Source 4 Parnel	Barndoors	750	6
Selecon	LUI 4 Bay CYC	*Additional units available at request	1kW (Per bay)	6
MTC	Par 64	*Additional units available at request	1kW	4
MTC	Par 56	*Additional units available at request	300	6

Additional Lighting

Item	Detail	Watt	Total
Hazer	Antari 350 Z Series		1
Smoke Machine	Antari Z Series II		1
Birdies	MTC MR16 (Mix 240v & 12v)	60	6
Mirror Ball	8" With Motor		1
Pin Spot		30	2

Follow Spots

Available via external hire upon request

Audio

Control & Amplification

Operating position	Bio Box (open, approx 10 meters from front of stage)
Primary Console	Soundcraft Expression 1 16 Mic inputs, 14 Mix outs + L & R Built in Lexicon FX, Compressors, Gates, HPF and Delay
Secondary Console	Soundcraft Signature 10 6 Mono, 2 Stereo, 3 Aux, Mix out Inbuilt Lexicon multi FX
FOH PA System	QSC PLX 2402 2400w Stereo Power Amplifier 2 x RCF ART500 15" speakers FIXED POSITION CANNOT MOVE
Subs	Yes – Located Under Seating Bank
System Processing	Soundweb BLU 100 system processor
Foldback	2 x RCF 310a 10" self-powered speakers 2 x JBL EON 15" self-powered speakers

Microphones

Make	Model	Detail	Total
Shure	SM58	Vocal	5
Shure	SLXD 2	Belt pack with headset or lapel	2
Shure	SLXD 2 / SM58	Handheld Radio Mic	2
Shure	SLXD 2	Dual Receiver	1

Accessories

Make	Model	Detail	Total
LA Audio	DI 2	Active DI box	1
LA Audio	DBT +	Dual Channel DI box	1
TritonAudio	Big Amp	Active DI Box	1

Playback

Make	Model	Detail	Total
Figure 53	Qlab V5	Sound and Vision Licence	1
Motu	8A	Compact audio interface. 8 in / 8 out	1
Radial	USB PRO DI	USB to stereo audio DI box	1

Line Patching

Location	Quantity	Detail
DSPS	12/3	12 Sends, 3 Returns

Hearing Loop

1A hearing loop - Human Technik Proloop DCC induction loop (auditorium only)

Vision

Control

Control Position
Signal Distribution

Bio box or DSP
HDMI to HDBaseT Converters to the projector

Projector

Make	Model	Detail	Total
Optoma Multimedia Projector	EH2060	Full HD 1080p - 4000 Lumens Mounted in grid behind FOH 1	1
Optoma Multimedia Projector	EH502	Full HD 1080p - 5000 Lumens, Not standard in the theatre.	2
Optoma Multimedia Projector	EP739	2300 lumens, native 4 : 3	1

Surfaces

Projection Screen

Front projection
(Roll down screen permanently rigged 6M from SL
manual operation USOP)

5.6m Wide 2.4m High

Backstage Facilities

Backstage Communications

Stage Managers Desk
Talkback

No
Jands Ezicom E400 with 4 loops
Control Position

Substations

3 x

Ezicom E300 squawk boxes
1 in dressing room for paging

Talkback Sets

4 x

Belt packs and Headsets
No Wireless units are available

Talkback Patching

Bio box, USOP, USP, Dressing Rooms, FOH

Dressing Rooms

Dressing Room	Capacity	Detail
Dressing Room #1	4	Mirror, Lights, Costume Rack, Basin
Dressing Room #2	4	Mirror, Lights, Costume Rack, Show Video Relay
Green Room	8	Mirror, Lights, Show Video Relay, Fridge, Microwave

Dressing rooms are open plan. There are 2 unisex toilets and shower adjacent to dressing room #1

Laundry

Washing Machine	1
Dryers	1
Iron & Ironing Board	1

Production Facilities

Production Desk.	Temporary set-up in any row as requested Prior notice required
Production Office	On application
Phone	Land line in Administration office.
Access to internet	Yes Ethernet or guest Wifi connection available on application. For production use only

ADDITIONAL FACILITIES & INFORMATION

Rehearsal Space	1x	Studio is available for rehearsal space Subject to availability
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Venue Plans

Venue Plan Available	PDF plans are available via website
Venue Section Available	Yes, as above DWG file available at request

Venue

Address	Shop 3 44-46 Lincoln Causeway Gateway Island, Wodonga, VIC, 3690
Postal Address	PO Box 479, Wodonga VIC 3089
Website	www.hothousetheatre.com.au
General enquiries	Phone: 02 6021 7433 Email: info@hothouse theatre.com.au

Contact Details

Production Manager

Venue and Technical Manager – Kofi Isaacs	
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