B E L C O

ARTS

Technical Specifications
Belco Arts- The Theatre

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These specifications are written with the venue in "standard mode". This assumes the seating bank is used and the stage is the flat floor area in front of the seating bank. Lighting and Audio are configured for this mode. Variations or changes to the standard mode will incur costs to change and restore to standard.

STAGE

Brief Stage Description:

Black box venue with unraked stage. Room size approximately 20m x 20m. Maxwood Flexi Pro 21mm sprung floor with a 9.5mm Weathertex top layer painted black. Screwing into the surface may be possible, discuss with the Technical Manager prior to arrival.

Stage distributed load limit	**12kPa**
Stage point load limit	**7kN**
Stage rake	**No**

Stage Dimensions:

Proscenium **There is no proscenium**

Width	**10.4m between the DS legs.** Legs are on track and can open wider, but not close any more than 10.4m
Height	**6.5m to underside of catwalk.** Please note. there are items that hang lower such as the PA and Projector.

Setting Line

In line with the first set of legs in standard theatre mode.

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

SL to extended seating bank	**3.5m (600mm from seat edge)**
SL to retracted seating bank	**11.3m (to drape in front of seating bank)**
SL to US tab	**6.5m**
SL to second leg	**2.1m**
SL to third leg	**4.1m**
SL to cyclorama	**6.7m**
SL to rear wall	**7.5m**
CL to OP drape	**9.7m**
CL to PS drape	**9.5m**
Stage to underside of catwalk	**6.4m**
Stage to underside of LX bar	**7.7m *see Catwalk 1 notes**
Stage to underside of rig beams	**8.7m**
Stage to underside of roof	**9.2m OP to 9.8m PS varies due to fall of roof**

Overhead obstructions

Speakers hung in left/right configuration pointing towards seating bank from in front of catwalk 3, see plan.
Speakers hung in left/right configuration pointing towards main theatre foyer entry from under catwalk 2 and 3.
Projector and Projector Screen
Truss (when rigged). Note: Air conditioning ducting restricts some truss locations.

Auditorium:

In standard mode there is a 204 seat, raked seating bank (retractable) with the option for additional flat floor seating in front of the seating bank.

Seating capacity with raked bank and additional seats in front (Note: small stage size)	**Maximum of 400 seats**
Seating capacity without seating bank installed	**200 seats**

Orchestra Lift / Pit:

Orchestra Pit

There is no orchestra pit.

Flying Facilities:

Fly System

There is no fly system

Rigging I Beams

There are 7 rigging i beams running up and down stage (standard mode) in the theatre that can be used for rigging truss, circus aerial points etc. Each beam is in 3 sections, separated by a joint in the beam where they are connected to a vertical support.

Each section of beam is individually rated and structurally certified to hold a maximum 1.5 Tonne static load or 1 Tonne dynamic load.

The beams are also used to support standard rear lighting truss and the standard mode PA- left and right configuration.

The centre I beam (4) is where centre of the stage is taken from and the seating bank is centred to this I beam. Note: this is not centre of the room.

All rigging on I beams must be done by a licenced rigger and access is from an EWP. Rigging licence will need to be produced in advance for anything that requires hanging from the I-beams. Rigging truss and motors (2+) will require an intermediate rigger. Rigging circus aerial performers will require an advance rigging licence.

Rigging licences, rigging plans, safe work method statement (SWMS), and public liability insurance (PLI) will need to be emailed in advance. See additional rigging document for more information.

All rigging plans must be approved in consultation with venue staff.

Floor Ferrules:

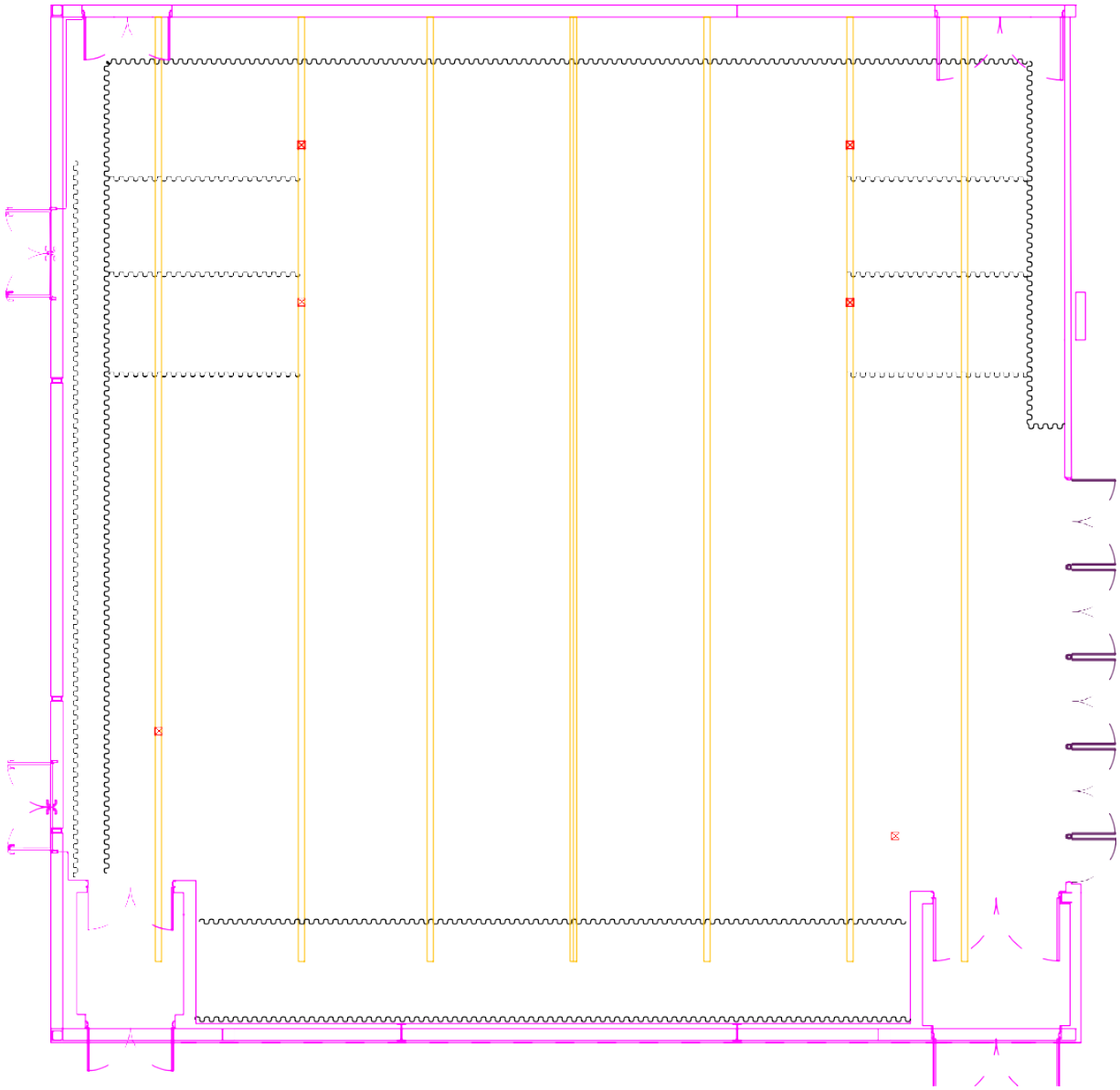
There are 5 floor ferrules in the theatre. Access to each ferrule is via a hatch in the floor. Each hatch has (1) threaded insert which a rated eye bolt can be inserted into.

Each floor point is rated to 15kN.

In standard mode there are 4 hatches, 2 a side. One is between leg 1 and 2 and the other is between leg 3 and the upstage Tab.

Use of the floor points must be authorised by venue staff in advance of the bump in.

I Beam and floor ferrule plan



Drawing notes:

Rigging beams drawn in orange on plan

Floor ferrules drawn in red on plan

Distances between the I beams PS to OP.

In the above drawing I beam 1 is on the right of the drawing and I beam 7 is on the left.

I-beam 1-2	2.6m
I-beam 2-3	3m
I-beam 3-4	2.8m
I-beam 4-5	3m
I-beam 5-6	2.7m
I beam 6-7	3m

Rigging Equipment

(7) 400mm box truss 3m long (currently 3 used as standard rear lighting truss)

(2) 6 foot Steelflex round sling

(8) 3 foot Steelflex round sling (currently 4 used)

(26) 3.2T bow shackles

(4) 1Ton PRO-3G beam clamps

(2) 2Ton PRO-3G beam clamps

(2) 2Ton PRO-3G push trolley with girder clamp

(4) 500kg Pro Lyft Aetos electric chain hoist (PAE-500LV) (currently 2 used)

(1) 4 way motor controller

(6) 2m lengths of steel pipe 50mm OD, black

(10) swivel Scaff clamps

Rigging Notes:

All flown items must be rigged with rated equipment and are subject to approval by venue staff.

Access to the catwalk is via a stairwell. Relevant working at heights policies must be read and signed off prior to access. This can be requested in advance for you to sign off prior to arrival to ensure minimal delays on bump in.

There is limited rigging gear available in house. Including slings, pulleys and rope.

Drapery:

All drapes are hung on tracks and moved by hand. There are 2 perimeter tracks that hang under the catwalk and run on 3 sides of the theatre. The inner track has the black drapes, the outer track has the cyclorama. The cyclorama is stored in a black protective sock, approximately 1.2m wide, as standard. Perimeter drapes cannot be removed.

Leg 1 hangs under the catwalk on an independent track.
Leg 2 & 3 hang from independent track suspended from the I beams.

There is a window overlooking the lake that cannot be used for any performance where light control is required. This window area has an extra wool drape and block out backing to restrict light ingress. This drape is on a separate track in front of the window, outside the 2 perimeter tracks.

*Type	Material	Colour	Width	Height	Quantity
House Curtain	none				
Border- for Cyc	Wool, flat	Black	18000mm	400mm	1
Leg 1	Wool, 50% fullness	Black	4100mm	6365mm	2
Leg 2 and 3	Wool, 50% fullness	Black	4100mm	7390mm	4
Rear Tabs	Wool, 50% fullness	Black	9500mm	6290mm	2
Side perimeter	Wool, 50% fullness	Black	5100mm	6290mm	8
Cyclorama	Sharks tooth	White	16000mm	6250mm	1
Window drape	Wool, 50% fullness with a midnight black backing	Black	8100mm	6370mm	2

Access Equipment:

Elevated Work Platform

Skyjack scissor lift SJIII 3226

Maximum height of platform is 7.92m
Recommended maximum work height is 9.92m

EWP Restrictions

Proof of yellow card or high-risk elevated work platform licence must be produced, or venue staff will operate.
Venue working at height procedures must be read and signed off on prior to use. We recommend sending all relevant licences in advance, we can then forward policies to you to sign off prior to arrival to ensure minimal delays on bump in.
Logbook must be filled in and all manufacturer guidelines must be followed.

Ladders

(1) 3.7m fiberglass platform ladder can be used to access the perch positions.
Platform height 2.7m

Note: this ladder is shared with other spaces

Staging Units:

(40) 1m x 2m stage riser (Show Trek Oz Riser) 150mm high.

WLL 4.5kN concentrated load, 7.5kPa distributed load.

Timber deck, black, with non-slip surface.

Each stage piece uses 4 legs.

(2) 1m x 1m stage riser (Global Truss) 90mm high.

Maximum load 7.5kg/m2

Timber deck, black, with non-slip surface.

Each stage piece uses 4 legs.

Legs, rails, and steps:

(64) legs to make stage 200mm high

(64) legs to make stage 400mm high

(168) legs to make stage 600mm high

(40) legs to make stage 800mm high

(28) legs to make stage 1m high

(20) legs to make stage 1200mm high

(12) Rails, 2m long x 1200mm high,

(16) Rails, 1m long x 1200mm high

(6) Stage skirt, black, 3950mm @ 400mm high

(10) Stage skirt, black, 3700mm @ 600mm high

(4) 2 step treads suitable for 400mm or 600mm high stages, no handrails

(2) 3 step treads suitable for 600mm or 800mm high stages, with handrails

Stage Covers:

Style	Tarkett
Dimensions	(4) rolls, 2m x 11.2m
Colour	one sided, charcoal
Condition	Average, there is some minor damage, mainly to the edging, due to the age of the Tarkett.

Stage Traps:

There are no traps for power or data cabling.
There are several hatches that access floor ferrules for tying down loads. When not in use these hatches are level with the floor and have no protrusions or depressions.

Safety Curtain:

Safety Curtain installed **No**

Staging notes:

Please be aware we are not configured as a set building (construction and painting) venue. Set should already be built and painted as much as practicable offsite and only assembled on site.
When using the seating bank, the rear curtain and a flat floor stage, a maximum stage depth of 8.5m is recommended to keep a safe distance from the front row of seating. Note, this will make the front edge of stage 2m in front of the setting line/first set of legs.

Loading Dock:

Access

Access to loading dock is from Emu Bank. It is a flat floor unload from dock to flat floor stage. Truck will require a ramp or tailgate lifter.

Loading Dock Height	**Ground level**
External Door Dimensions	**3.5m** High, **2.5m** Wide
Internal Theatre Door Dimensions	**3.5m** High, 2**.5m** Wide
Clearance to Roof	**4.5m**

Loading Dock Notes

There is one dock for the entire building and is therefore shared space.
No Parking in the dock, loading area only.
There is a curved access to the loading dock that large 40ft trucks may have trouble accessing and cannot stay onsite after unloading.
Large trucks will require traffic management, please discuss well in advance with Technical Manager.

LIGHTING

Standard Operator area

Catwalk level (upstairs), 2m house left of centre position. Open, no glass.
Angle to stage is quite steep 25 degrees

Other

An operation position can be set up at ground level in several locations around the room. Please discuss with the Technical Manager.

Positions:

Stage LX Bars — Fixed lighting bars off the catwalk, all bars at 7.7m high, except for the Ops position where the catwalk drops. Catwalks 1 & 4 have LX bars on one side. Catwalks 2 & 3 have LX bars on either side and are noted A & B.

Catwalk 1 FOH LX Bar centre- DS of setting line

Setting Line to lighting bar	**12.5m @ 33 degrees**
Bar Height	6**.7m Centre section**
Usable bar width	**5m Centre section**
Notes	Closest to Ops/rear of seating bank. The FOH catwalk drops in the centre by 500mm for the ops position.

Catwalk 1 FOH LX Bar outer- DS of setting line

Setting Line to lighting bar	**13m @ 37 degrees**
Usable bar width	4.8**m x2** (OP and PS of centre section)
Notes	Closest to Ops.

Catwalk 2A FOH LX Bar - DS of setting line

Setting Line to lighting bar	**There is no shot to setting line**
Usable bar width	**18m**
Notes	LX Bar on down stage side of the catwalk, catwalk obstructs shot to stage.

Catwalk 2B FOH LX Bar - DS of setting line

Setting Line to lighting bar	**5.1m @ 57 degrees**
Usable bar width	**18m**
Notes	LX Bars on US side of the catwalk.

Catwalk 3A DS LX Bar - DS of setting line

Setting Line to lighting bar	**0.5m** DS of setting line
Usable bar width	**18m**
Notes	First LX bar over the standard stage

Catwalk 3B US LX Bar - US of setting line

Setting Line to lighting bar	**1.2m** US of setting line
Usable bar width	**18m**
Notes	Second LX bar over the standard stage

Catwalk 4 LX Bar - US of setting line

Setting Line to lighting bar	**6.1m** US of setting line
Usable bar width	**18m**
Notes	Rear LX. Projection screen obscures straight down shot

Booms

FOH Booms, either side of seating bank

Setting Line to FOH PS Perch	15.6m @ 19 degrees	bar from +3m to +5.2m
Setting Line to FOH OP Perch	16m @19 degrees	bar from +3m to +5.2m

DS Stage booms side wall

Setting Line to DSP Boom	15.7m @ 23 degrees	bar from +4m to +6.4m
Setting Line to DSOP Boom	15.8m @ 23 degrees	bar from +3m to +6.4m

US Booms side wall

Setting Line to USP Boom	13m @ 28 degrees	bar from +3m to +6.4m
Setting Line to USOP Boom	13.4m @ 27 degrees	bar from +3m to +6.4m

US rear wall booms

Setting Line to Rear PS Boom	11.2m @ 34 degrees	bar from +3m to +6.4m
Setting Line to Rear OP Boom	11.7m @ 32 degrees	bar from +3m to +6.4m

Boom Notes: Maximum lanterns per boom **4**

Distances & angles are from DSC SL to the highest point of boom

Standard drapes cannot be used at boom locations when in use

Control:

Lighting desk	**Grand MA XLF & button wing**
Control channels	**2048 in standard (4096 capacity)**
Signal output	**4x XLR 5pin, etherCON (dot2-Net, sACN, Artnet)**
Signal distribution	**Ethernet to Rack Room- [LSC Nexus] then 3 DMX universe streams (3x LSC MDRX Splitter) plus universe 4 -houselights**

Remote riggers available onstage **No**

Dimmer Racks:

Total Dimmers	**72**	
Dimmer Location	**Rack Room on ground floor**	
2.4Kw Dimmer Racks	**3x**	**Jands Hub 24 channel Switched or dimmed power**
Total dimmers @ 2.4kw per dimmer	**72**	

House Lights:

Independent control	**Yes, limited control**
Control positions	**Wall panel PS or mobile panel (limited control) or through LX desk- Universe 4**
Fade time adjustable	**Yes through LX desk only**

Fixed House Lights

Make	Model	Channels	Detail / Accessories	Watt	Total
Chroma-Q	Inspire	4	RGBW individually addressed- DMX	100W	**34**

Stage Luminaire:

Profiles

Make	Model	Angle	Channels	Accessories	Watt	Total
EK Lighting	HP White	25/50 deg*	6	Iris, gobo	205w	**8**
EK Lighting	VW RGBORBL	15/30 deg*	17	Iris, gobo	252w	**8**
EK Lighting	VW RGBORBL	50 deg*	17	Iris, gobo	252w	**12**

***Lenses interchangeable**

Fresnel's

Make	Model	Detail / Accessories	Channels	Watt	Total
Theatrelight	TL1000 LED	White 3200K, Barndoors	2	200w	**12**
Frezno	ze-2 RGBAL	Barndoors	19	240w	**4**

Par Cans

Make	Model	Angle	Channels	Detail / Accessories	Watt	Total
Fusion Par	H XII LED-RGBAWUV	23 deg	13	Gel frame	116w	**12**

Wash

Make	Model	Detail / Accessories	Channels	Watt	Total
Flood	Linear tungsten	Footlight	1	500w	**4**
ETC	Colour source Cyc	IRGBILS	7	116w	**4**

Movers

Make	Model	Control Channels	Detail / Accessories	Watt	Total
EK Lighting	E1 LED RGBW	38	Gobo, shutters, iris, animation	476w	**12**

Additional Lighting:

Item	Make	Model	Detail / Accessories	Watt	Total
Hazer	Look Solutions	Unique 2.1	DMX control	1500W	**2**
LED Blinder	EK	Blinder II	8 channel	2x147w	**2**
Wireless DMX	Black Box	F1-G5 Transceiver			**1**
Fan	Floor		3 speed		**2**
Lighting Ladder	Custom		Fixed heights		**8**
H stand			25cm x 20cm		**10**
T stand			T bar 1.5m wide		**4**

Power:

Three Phase Outlets

(2) 40 Amp 3 phase outlets at ground level on the rear stage wall, prompt side.

(1) 40 Amp 3 phase outlets at catwalk level at Ops

(2) 40 Amp 3 phase outlets at ground level in the rack room

Cabling:

240v Extension Cable & 5pin DMX 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

(1) 15m 6-way Socapex

(2) 20m 6-way Socapex

3 phase Extensions

(1) 20m 40amp extension cable

Patching (Power):

Location	Quantity	Numbering *(PS to OP)*	Detail / Accessories
Catwalk 1- DS-Ops	18	P1/27-P1/44	
Catwalk 2A	18	P1/22-P1/5	
Catwalk 2B	18	P1/49-P1/66	
Catwalk 3A	18	P2/22-P2/5	
Catwalk 3B	18	P2/53-P2/70	
Catwalk 4- US	18	P2/46-P2/29	
FOH Boom DSP	3	P3/28-30	+3000 approximate circuit height
FOH Boom DSOP	3	P3/23-25	+3000 approximate circuit height
Boom DSP	3	P3/31-32&35	+4000 approx. circuit height (above door)
Boom DSOP	3	P3/18-20	+3000 approximate circuit height
Boom USP	3	P3/38-40	+3000 approximate circuit height
Boom USOP	3	P3/13-15	+3000 approximate circuit height
Boom rear wall PS	3	P3/3-5	+3000 approximate circuit height
Boom rear wall OP	3	P3/8-10	+3000 approximate circuit height
Floor- near TP 1	2	P3/1-2	Ground level USP, rear wall
Floor- near TP 2	2	P3/6-7	Ground level USOP, rear wall
Floor- near TP 3	2	P3/11-12	Ground level USOP, side wall
Floor- near TP 4	2	P3/16-17	Ground level FOH DSOP, side wall
Floor- near TP 5	2	P3/21-22	Ground level FOH DSOP, next to seating bank
Audience- near TP 6	2	P3/26-27	+3500 FOH DSP, back row seating bank
Floor- near TP 7	2	P3/33-34	Ground level FOH DSP, next to seating bank
Floor- near TP 8	2	P3/36-37	Ground level USP, side wall (Prompt corner)

Technical Panels:

There are Technical Panels (TP) and Stage Lighting Booms (SLB) around the theatre that patch to the rack room. The TP's and SLB's are located at ground level, catwalk level, elevated at lighting boom positions and the back row of the seating bank. See Audio section for catwalk plan.

DMX Patching:

Location	Quantity	Numbering	Detail / Accessories
Ground level	2 per TP	TP1-5 & TP7-8	1x 5pin XLR, 1x Cat6
Rear of seating bank- (+3500)	2 per TP	TP6	1x 5pin XLR, 1x Cat6
Catwalk	2 per TP	TP21- TP38	1x 5pin XLR, 1x Cat6
Lighting booms- (+3000)	2 per TP	SLB1-8	1x 5pin XLR, 1x Cat6

Lighting Notes:

Standard mode has a rear LX truss. Height is determined by throw to cyclorama and throw from projector to screen shot.

The JANDS Hub can be set for dimming or hot power. Do not adjust the settings unless you understand the consequences. Do not dim LED lights. Damaged equipment costs will be passed on to the hirer.

Luminaires in the standard rig may be re-focused or relocated within the venue for the duration of the hire period but must be returned and re-focused to standard at the conclusion of the hire. All costs incurred are at the hirer's expense. See top of page 2.

Additional lights brought into the venue will require additional cabling- data and power.

AUDIO

Control Positions:

Catwalk Ops

Catwalk level (upstairs), 2m house right of centre position. Open, no glass.
This is the standard audio operation position

Auditorium

Located centre of the seating bank in the back row. Limited space, 2m wide.

Total seat allocation **10 seats removed**

Other

When the seating bank is retracted, an operation position can be set up at ground level in several locations around the room. Please discuss with the Technical Manager.

Control & Amplification:

Primary Mixer

Allen & Heath Avantis. 64 channel (24 faders, 6 layers) with dPack, dLive processing, Dante 64x64 card.

Digital stage box

2x DT168 digital stage box, mobile, 96kHz. Each box has 16 inputs + 8 outputs.
1x DT168 digital stage box, fixed in rack room, 96kHz. Box has 16 inputs + 8 outputs.

Speakers:

FOH Speakers

(4) Meyer ULTRA X40 in a left (2), right (2), configuration

(2) Meyer 750LFC subwoofer

Processor

Galileo GALAXY 816, 8 input, 16 output digital processor located in rack room.

Foldback

(4) Yamaha DZR12 2 way 2000w bi-amped Powered Speaker

(2) Yamaha DZR15-D 2 way 2000w bi-amped Powered Speaker

Additional Speakers

(2) Meyer ULTRA X40 to suit Lake Mode set up

(4) Meyer ULTRA X40 to suit configurations other than standard such as in the round

Playback:

Item	Make	Model	Detail	Total
CD/Multimedia player*	Denon	DN-700C	Single CD/Multimedia player	**1**
Apple Laptop 15”	Apple	MacBook Pro13,3	2.6 GHz i7, QLab	**2**

*this item is also listed under AV, there is only 1

Microphones:

Make	Model	Detail / Accessories	Type	Total
Shure	SM58	Mic clip	Dynamic	**4**
Shure	Beta 58A	Mic clip	Dynamic	**4**
Shure	SM57	Mic clip	Dynamic	**8**
Sennheiser	MD421-II	Mic clip	Dynamic	**4**
SE Electronics	SE8 matched pair	Mic clips, stereo bar	Condenser	**2**
Aston	Starlight matched pair	Mic clips, stereo bar	Condenser	**1**
Sennheiser	SKM 500 G4 MMD 945 capsule	Wireless mic	Dynamic	**8**
Sennheiser	SK 100 G4	Belt clip	Belt pack	**8**
		Lapel		**8**
		Headset		**4**
		¼ inch adaptor		**4**
Sennheiser	E904	Clip on	Dynamic	**4**
Shure	PG56	A50D drum mounts	Dynamic	**3**
Shure	PG52	clip	Dynamic	**1**
Shure	PG81	clip	Condenser	**2**

Direct Input (DI):

Item	Model	Input	Output	Total
Mono DI	Radial JDI Passive	¼ inch jack	balanced XLR	**4**
Stereo DI	Radial USB-PRO	USB-B	balanced stereo XLR	**2**
Stereo DI	Radial BT-PRO	Bluetooth	balanced stereo XLR	**1**
Stereo DI	Klark Teknik 20P Passive	¼ inch jack	balanced stereo XLR	**4**

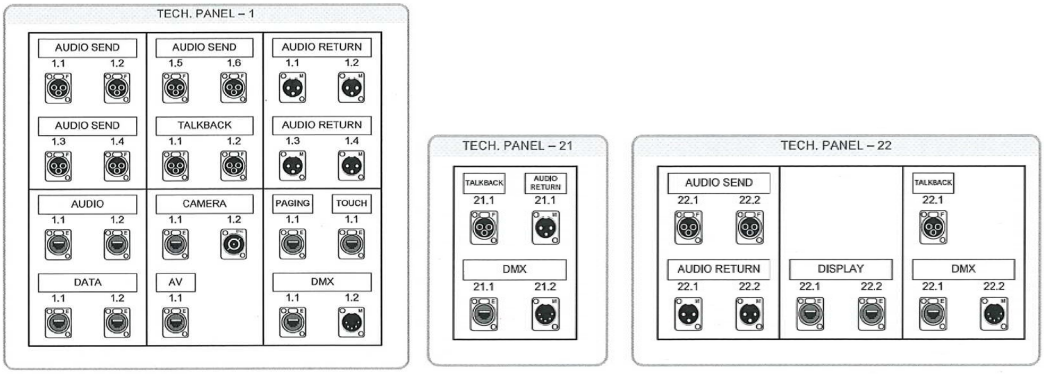
Accessories:

Item	Model	Detail / Accessories	Total
Speaker Stands	K&M		**2**
Microphone Stands	K&M tall	Boom	**2**
Microphone Stands	K&M tall	telescopic boom	**10**
Microphone Stands	K&M low	telescopic boom	**4**
Microphone Stands	K&M extra low- kick	telescopic boom	**1**
Microphone Stands	K&M round base	straight	**4**
Stereo bars	K&M	200mm	**2**
Headphones	Beyerdynamic DT770	3.5mm or ¼ inch connection	**1**

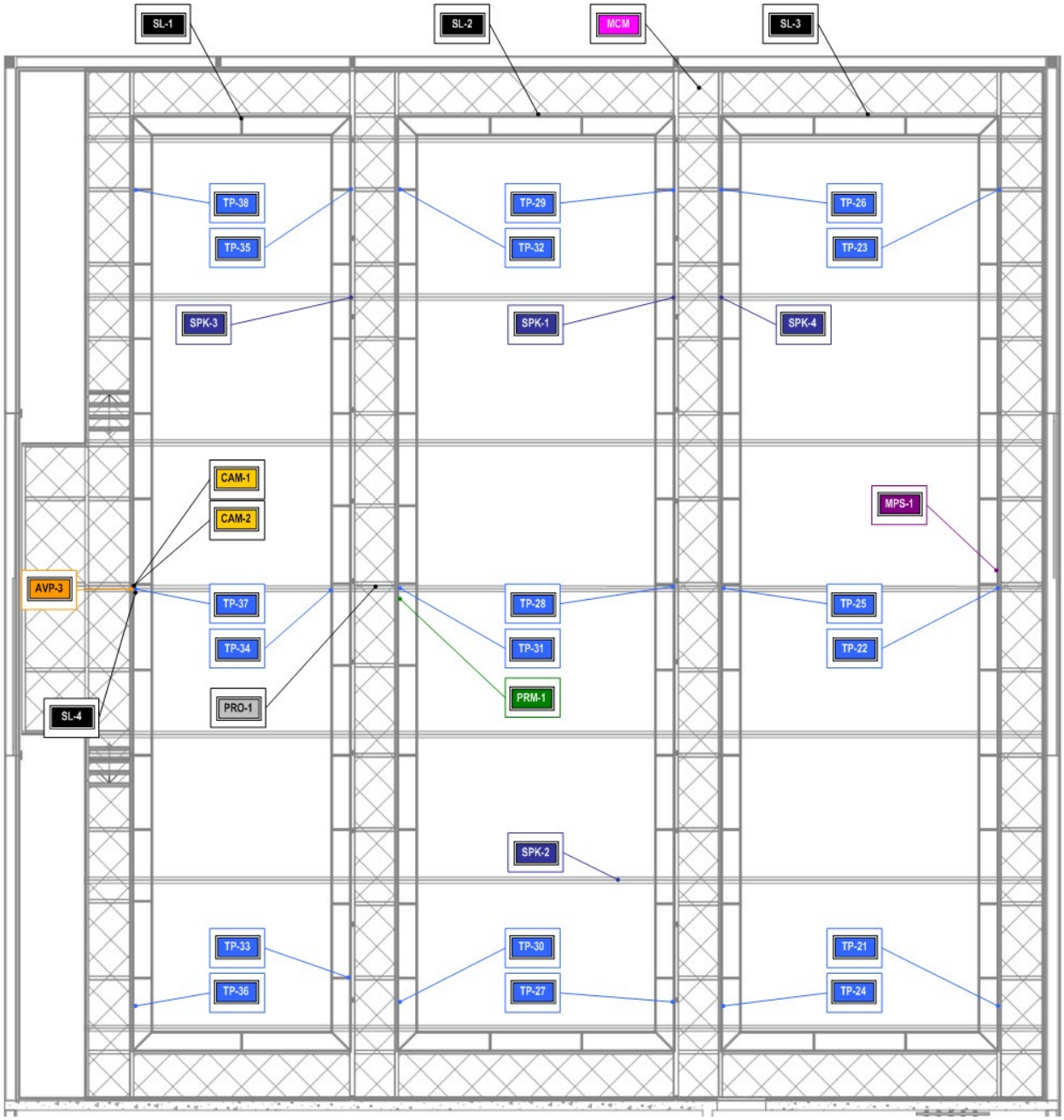
Technical Panels:

There are Technical Panels (TP) and Stage Lighting Booms (SLB) around the theatre that patch to the rack room. The TP’s and SLB’s are located at ground level, catwalk level, elevated at lighting boom positions and the back row of the seating bank.

Technical Panels:



Catwalk Tech Panel plan



Line Patching

Location	Quantity	Numbering	Detail
Ground level	10 per TP	TP1-5 & TP7-8	6 sends, 4 returns (plus 2x RJ45)
Rear of seating bank	10 per TP	TP6	6 sends, 4 returns (plus 2x RJ45)
Catwalk -centre	4 per TP	TP22,25,28,31	2 sends, 2 returns
Catwalk -OP/PS	1 per TP	TP21,23,24,26, 27,29,30,32,33, 34,35,36,38	1 return
Catwalk Ops	10 per TP	TP37	4 sends, 6 returns (plus 2x RJ45)
Lighting booms	2 per SLB	SLB1-8	2 returns
Loading dock- OB	8 per TP	TP20	4 sends, 4 returns (plus 2x RJ45)
Sculpture courtyard	10 per TP	TP19	4 sends, 6 returns (plus 2x RJ45)

Speaker Patching:

There are separate 3pin XLR audio patches to accommodate the venue's standard speaker positions (FOH L/R & Lake mode L&R) without using the TP patch.

Cabling:

Audio Cable

There is a good stock of cable to accommodate the venue's standard audio rig.
(10) 3m, 5m, 10m and (5) 15m, 20m
There are various audio adaptor cables available such as XLR male to male, XLR female to female, 3.5 jack to XLR, 3.5 jack to 6.5 jack. Please ask for more information

Multicore

(2) 20m 16 lines, 12 sends, 4 returns

Audio Notes:

The theatre has 4 wireless Sennheiser Evolution G4 500 receivers that can be configured in either handheld (4), or belt pack (4) with either lapel (4) headset (2) or ¼ inch jack instrument (4).

FOH standard speakers and subs cannot be moved

There are additional speaker brackets for vertical or horizontal hanging configuration

Green power outlets with switches are Audio Power

There are several Technical Panels outside of the theatre enabling patching via the rack room to the foyer, rehearsal room, sculpture court and loading dock (OB).

Catwalk control position not recommended for live mixing, see auditorium position.

AUDIO VISUAL

Control Positions:

Catwalk Ops

Catwalk level (upstairs), centre position. Open, no glass.
This is the standard AV operation position. Note: restricted view of projection screen.

Side of stage

Ground level, side of stage.

Other

An operation position can be set up at ground level in several locations around the room. Please discuss with Facilities Manager.

Projector:

Type	Model	Detail / Accessories	Total
NEC Laser projector	PA804UL	8200 ANSI Lumen, WXUGA 16:10 native aspect ratio	**1**
Lens	NP40-ZL	Motorised, zoom ratio 1.4, throw ratio 0.79-1.11:1	**1**

Screen:

Projection Screen

Motorised front projection screen permanently rigged from rigging I beams US.

Screen dimensions	**275" (5925mm W x 3705mm H)**
Aspect Ratio	**16:10**
Brand	**Screen Technics**

AV Equipment:

Item	Model	Detail / Accessories	Total
Denon CD/Multimedia player*	DN-700C	Single CD/Multimedia player	**1**
Roland Vision Switcher	V-40HD		**1**
Dell Laptop	G7 17- 7700		**2**
Kramer 4K Transmitter	TP580-TXR	HDMI to HD BaseT	**3**
Kramer 4K Receiver	TP580-RXR	HD BaseT to HDMI	**2**
Dynalink 4K HDMI Splitter	A3135G	4-way	**1**
Logitech Presenter remote	R800	30m range	**1**
Marshall Stage feed camera	CV346	Fixed- 1 standard mode, 1 Lake mode	**2**
Samsung Monitor 24"	S24D330H	Shared stock- check availability	**2**
Hisense 4K UHD TV 70"	70A6KAU		**2**
TV mounts to Vertical Truss	Global Truss	Mounting hardware to suit	**2**

*this item is also listed under Audio, there is only 1

Technical Panels:

There are Technical Panels (TP) and Stage Lighting Boom Panels (SLB) around the theatre that patch to the rack room. The TP's and SLB's are located at ground level,

catwalk level and elevated at lighting boom positions and the back row of the seating bank.

Patching:

Location	Quantity	Numbering	Detail
Ground level	2 per TP	TP1-5 & TP7-8	1 BNC, 1 Cat6
Rear of seating bank	2	TP6	+3.5m- 1 BNC, 1 Cat6
Catwalk -centre	2 per TP	TP22,25,28,31	2 Cat6
Catwalk Ops	6	TP37	2 BNC (stage feed), 4 Cat6
Sculpture courtyard	4	TP19	4 Cat6

Projector Location:

The projector is mounted under catwalk 3 on a mounting assembly that can be rigged from a horizontal lighting bar. The standard projector location is optimised to be able to fit the projection screen as standard, and to zoom out and project a roughly 8.5m wide image onto the cyclorama without having to move the projector.

Cabling:

Various lengths of HDMI cable from 0.5m to 10m
Various lengths of Cat5 and Cat6 cable from 2m to 20m

Audio Visual Notes:

One Kramer transmitter is permanently installed for the projector.

There is additional Cat6 cabling at Technical Panels if required.

Projection screen cannot be moved.

There is no cost to use AV equipment, although there is a labour cost to set up and return to standard.

BACKSTAGE

Communications:

Stage Managers Desk

Stage Managers desk is in prompt corner as standard. The desk is on wheels and can be positioned as required. It is fitted with paging mic, FOH audio feed, UPS, light, USB-A power hub, clock, timer and power.

Talkback

Master Unit	**JANDS E401 Ezicom master station, mounted in rack room**
Total sub stations	**(6) E101 belt packs**
Total headsets	**(7) headsets, 5 dual ear, 2 single ear to suit E101 packs**
Radio Units In-house	**(4) Riedel Bolero wireless belt packs (2 used FOH)**
Talkback patching located at:	**TP37- Catwalk Ops- 3 stations, AX, LX, AV standard**
	TP21-38- Catwalk level
	TP1-8 Ground level theatre
	TP9-10 BOH corridor
	TP11,12 & 42,43- Theatre Foyer
	TP51- Rehearsal Room
	Production office, Tech Store, Rack Room, Office 4 Loading dock and Sculpture court

Paging / Show relay

Paging from the SM desk and Production Office to dressing room 1, 2, green room and production office.
Show relay available in dressing room 1, 2, green room, rehearsal room, production office and office 4. Each room has individual control.

Stage Monitor

TV's wall mounted in green room, dressing room 1&2, BOH corridor OP & PS, Foyer, Production Office and Rehearsal room. 2 cameras located on the bottom of the catwalk, one set up standard mode and one Lake mode.

Q Light System

In house Q light system available **No**

Production Desk

A production desk can be set up in the seating bank with up to 2 tables. Desk lamps, power, data and talkback, audio and lighting desks can be accommodated.
Please discuss requirements with Technical Manager.

Dressing Rooms:

Dressing Room	Capacity	Toilets	Shower	Details
Dressing room 1	12	1	1	1 combined toilet and shower
Dressing room 2	12	1	1	1 combined toilet and shower
Accessible toilet	1	1	1	Located between dressing rooms, accessible from BOH corridor

Laundry / Wardrobe:

Laundry facilities are shared

Washing Machine	**1 Bosch front load washing machine**
Dryer	**1 Haier 8kg heat pump dryer**
Iron / ironing board	**1 iron and ironing board**
Clothes racks	**2 mobile, 1 in each dressing room**

Production Office Facilities:

Production Office/Stage Door sign in
Available backstage near stage door. 2 desks, 3 chairs and a sofa.

Phone
Yes

Printer
No. Printing available onsite through reception.

Wi-Fi access
Yes. Please be aware our Wi-Fi is for office and production use and is not designed for personal use for a full company of 30. Ask for password on arrival at induction.

Stage Monitor & Show Relay
Yes.

Paging Mic
Yes.

Greenroom:

Tea / Coffee facilities	**Yes**
Fridge / freezer	**Yes- bar fridge**
Microwave	**Yes**
Running water	**Yes**
Filtered water tap	**Yes**

Stage Door:

Access
The stage door is located beside the loading dock on Emu Bank. It is shared with the Rehearsal Room and other building users. Access cards will be given out during induction. The stage door should never be left open and unattended.

ADDITIONAL FACILITIES & INFORMATION

Orchestral:

None.

Rehearsal Space:

Rehearsal Room, 10m x 11m, sprung floor, mirror wall, black wool theatrical drapes, booking required for use.

Dance Studio, 10m x 12.5m, wooden floor, mirror wall, black wool theatrical drapes, booking required for use.

Parking:

There is no car parking onsite, please discuss options with staff.

Staffing:

Minimum of 7 days notice must be given to change staffing arrangements.

TEST & TAG

Venue Requirements

All electrical equipment brought onto site MUST be tested and tagged.
Failure to comply will result in you not being able to use untested equipment.
Please see test and tag document for more information.

VENUE:

Venue Contacts:

Venue Address 118 Emu Bank, Belconnen ACT 2617

Staff Contacts:

Facilities Manager **Paul Portelli**

Email Address paul@belcoarts.com.au

Phone Number (02) 6173 3345

Production and Venue Hire Manager **Anni Doyle Wawrzynczak**

Email Address Anni@belcoarts.com.au

Phone Number (02) 6173 3335

Administration

Phone Number (02) 6173 3300

Email Address hello@belcoarts.com.au

Stage Door

Phone Number (02) 6173 3347

Venue Plans:

Venue Plan Available

Yes, available as either a PDF or DWG

Venue Section Available

Yes, available as either a PDF or DWG

Venue Information:

The Belconnen Arts Centre is located on the bank of Lake Ginninderra in Canberra's north-western district. The arts centre houses a theatre, rehearsal room, dance studio, multiple art galleries, workshops, studios and a cafe.

The main theatre is a black box venue, and the standard configuration has masking to create a traditional end on stage. The retractable seating bank holds 204 seats with the ability to add up to 200 more in different seating/staging configurations.

The rehearsal room is a studio space with temporary seating for approximately 50 people.

The Belco Arts team is a small and dedicated group who operate the ArtsACT facility. There is a team of casual staff to assist in production work.

The venue is located within the Belconnen shopping district where access to the shopping mall, cafes, supermarkets and other food outlets and facilities just a stone's throw away.