



## ***FUTURES PAST***

# TECHNICAL SPECIFICATIONS

## International as of April 2026

*For further technical enquiries please contact:*

*Production Manager  
Director of Technical & Production*

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## General Information

### Artistic Team:

Artistic Director:	Frances Rings
Choreographer:	Frances Rings
Composers:	David Page & Leon Rodgers
Set Designer:	Jake Nash
Costume Designer:	Jenny Irwin
Lighting Designer:	Lucy Mitchell

### Touring Party (28)

18 x Dancers  
6 x Production Team  
2 x Artistic operations  
1 x Executive  
1 x Physiotherapist

### Duration

Approx. 65 mins no interval

### Synopsis

For over 65,000 years, the First Nations people of Australia have maintained an unceded connection to Country, deeply rooted in trade, kinship, lore, ceremony, languages, and customs. Interrupted by British rule, disease, and the settlement of traditional lands, colonisation threatened to extinguish the very existence of Indigenous cultural life.

*Futures Past* is structured in three acts— Old World, People, & Country—giving insight into the significant impacts that have challenged First Nations people and the spirit of resilience that has shaped their survival.

#### Act 1: Old World

From the dawn of time, Indigenous people have sustained a relationship with the land, sky and waters in a careful balance that has coexisted for 65,000 years. The knowledge systems embedded in the natural world provide people with everything they need to survive.

#### Act 2: People

The white sails of colonisation scorch their way across the ancient land, displacing people from family and country in a wake of destruction Indigenous people struggle to find their place in a new world, as assimilation forces a new way of life.

#### Act 3: Country

Weathered and sculpted by the elements Country calls people to place. A poignant reminder of their responsibility to care for land in a cycle of belonging that transcends the generations, in an enduring legacy of hope.

## Stage Requirements

The work is performed on a black dance floor (Harlequin Freestyle preferred) in a black box.  
Our recommended ideal stage space: 16 metres (wide) by 12 metres (deep)  
Ideal Proscenium Opening: 12m wide x 6.5m high  
Crossover space: on stage level upstage (not included in stage depth) or behind back curtain.  
Minimum wing space: approx. 50sqm by 4m (high)  
Recommended grid height: 18m

### **Preparing the theatre prior to Bump In**

The presenter is required to complete a pre-rig prior to the bump in commencing.

The pre-rig will include:

- Hanging and installing all venue supplied lighting equipment including cabling, patching, colour and ensuring all equipment is in good working order
- Installing all venue supplied sound equipment including cabling, patching and ensuring all equipment is in good working order. Ensuring that the venue sound mix position is clear and tidy in preparation for touring party
- Hanging of all venue provided soft goods according to the hanging plot provided
- Installation of the Production desk into the auditorium

### **Risk Assessment**

Bangarra Dance Theatre has Risk Assessment documentation available upon request.

### **Freight**

Bangarra will tour all equipment in 10 x road cases (TBC) via Airfreight to first venue and then road freight for all subsequent venues. Approximate total weight 1000kg. Approximate 7m<sup>3</sup>.

### **Production Schedule**

A sample production schedule is attached as Appendix A. Please note this is a sample only and a venue specific schedule will be sent closer to bump in. Any enquiries can be made to Production Manager, Cat Studley, email: [cat@bangarra.com.au](mailto:cat@bangarra.com.au), mobile: (+61) 415 206 156 or the Director Technical & Production, John Colvin, email: [john@bangarra.com.au](mailto:john@bangarra.com.au), mobile: (+61) 417 221 142.

### **Venue Show Crew required**

1 x Lighting Supervisor

1 x Sound Supervisor

2 x Venue Mechanist/ fly people (or if fly people cannot assist with general mechanist tasks such as floor cleaning, 2 mechanists and 2 fly people)

1 x Costume Maintenance person (only required if doing more than 1 show)

### **Warm up Class**

A rehearsal space is required for at least the first two days of bump in. If you do not have a rehearsal space available or on site, please advise us ASAP so that we can make suitable alternate arrangements. Rehearsal room should ideally be a minimum of 12m x 12m with a dance floor laid (venue supplied) and a sound system available. After the opening night performance, on all subsequent performance days the company need access to the stage five hours prior to each performance for a warmup class. This class can be done in work light and venue crew are not required (unless at venue discretion). An alternate offstage space will be required for warm-up class and stretching if the stage is unavailable.

### **Laundry access**

On performance only day(s) we will need access to the laundry during the day.

## **Elements supplied by Bangarra Dance Theatre**

## Flown Scenic Elements

- 1 x Flown projection screen - 6m x 3.3m Gerriets "Full white" frame with "Silverblack" projection screen on steel wire droppers. Approx. weight 40kg
- 1 x "Terrain Spinifex cloth" - Tyvek painted white and gold coloured cloth 16m x 8m. Approx. weight 20kg plus tail batten.

Please note:

- Bangarra Dance Theatre will provide a venue specific hanging plot and plan before bump in commences.
- Flown items are hung from rigging within the appropriate SWL provided by Bangarra Dance Theatre unless otherwise specified.
- Please see the plans, section, hanging plot, and risk assessment documents for further safety and structural details on these elements.
- Depending on venue size and time frames Bangarra Dance Theatre may occasionally not install all set pieces.

## Props

- Various hand props including shields.
- Body paint, ochre and chalk.

## Lighting

Bangarra will be touring the following lighting equipment (or a variation) on the below:

- 1 ETC Gio@5 Lighting Console and Pathport Ethernet Node. BDT HLX will program, Venue LX to operate from the toured ETC Gio lighting console unless the venue has an ETC Eos family console available. ETC Gio@5 to be Operated either FOH mix position or Lighting Booth. (to be discussed with Head electrician)
- 2 x touch screen monitors
- 1 x DMX controlled confetti roller and black confetti

## Sound and Video

Bangarra will tour (or a variation) the following:

- Mac mini with Scarlett interface for Audio Playback
- Mac Studio for Vision playback
- Archive camera for rehearsal purposes

## Laundry equipment

- 1 x Bernina Sewing machine
- 10 x Washing baskets
- Washing powder & detergents
- Towels

## Technical Requirements/ Elements supplied by the Venue

### Staging

All venue cloths are to be rigged prior to the company's arrival at the theatre.

- Use of a House Curtain (or a black smother)
- 5 – 6 x black borders (no fullness) – TBC on confirmed hanging plot.
- 6-8 Flat Black legs – ideally hard legs, but if not available - flat soft legs.
- Black Dance Floor – ideally Harlequin Freestyle or similar from another brand with a “sponge layer:
- Black smother – pending venue size approx. 16 x 8m.
- Enough tail pipe to stretch all venue soft goods.
- Bar extensions to be added or removed as requested.

### Lighting

Please note – a Lighting plan is currently not available for this show. The lighting plan, channel hook-up, instrument schedule and colour cut list will be provided at least three weeks prior to the bump-in. Please see the lighting plan for the confirmed details of the lamp list.

- All lighting to be rigged, coloured, patched and tested prior to the company's arrival at the theatre, unless otherwise scheduled in consultation with Bangarra Dance Theatre Production Manager.
- We ask that all cable be off the floor and dropped from above where possible. Always check first before installing, as the dancer's safety is the first priority with regards to boom and cable placement.
- Data Patching/nodes and distribution to be provided by the venue. SACN is preferred.
- Approx. 32x dimmer circuits for overhead and FOH LX (10amp- 2.4KW)
- Approx. 40x dimmer circuits for LX booms (10amp- 2.4KW)
- Approx. 70 x hot power circuits for overhead LX (potential for some channels to be paired)
- Approx. 28x hot power circuits for LX booms
- 2 x no dim channels- for fans controlled via the lighting console
- Stage work light and appropriate backstage blues/ desk lamps (Blues and scene change lx will be spec'ed prior to load in).
- Centre spotting light (red) from under balcony/ rear of auditorium.

## Technical Requirements/ Elements supplied by the Venue continued

### LX Equipment required

Please note, this equipment is indicative only currently, requirements may change as the lighting plan is produced. Bangarra require the following lighting equipment (or a variation in consultation with BDT) on the below:

- 32 x ETC source 4 Lustr 3 26 degree (side booms) **Alternative EclProfile CT+HP**
- 20 x ETC source 4 26 degree (side booms)
- 8 x Martin Mac Aura (side booms) **Alternative EK r3, B-EYE K10, Rogue2 Wash**
- 16 x Martin Aura PXL
- 26 x Martin Mac Viper XIP **Alternative Robe Esprite**
- 22 x GLP X4 Bar 20 **Alternative Robe Tetra2**
- 7x Profiles – to be used as a FOH wash
- 2 x MDG ATMe CO2 pressurised, oil-based hazer
- 2x Look Solution Uniques

**Alternative Fixtures to be discussed further with Bangarra Head Electrician prior to gear hire approval.**

Note: Bangarra will use theatrical smoke and haze, please ensure venue is appropriately isolated for our plotting sessions, tech and shows – this should include backstage crossovers/ areas that are prone to haze drifting into. MSDS available with Risk Assessment.

### Sound and Video Requirements

We require the following from the venue:

- A powerful, professional PA capable of extended frequency response at high SPL, especially regarding low end. Ideally D&B, L-Acoustics, Meyer.
- All elements of the system must be tested and in working order prior to bump in day.
- Use of the venue's auditorium mix position and mixing console for the duration of the season.
- Interfacing with the in-house system/processor to be discussed.
- Bangarra soundtracks often utilize many systems to their full capacity – especially in regard to subwoofers. As such, please remove any unnecessary items from around the subs and check the venue for any items that rattle (e.g., air con vents or lighting fixtures).
- System output for *Futures Past* is a standard 6 Channel: FOH L, FOH C, FOH R, Subs, Foldback L, and Foldback R. If surrounds are pre-existing in venue, we will use those as well.
- Independent control of all sends, whether that be at amp or processor level. In particular, the subwoofers must *not* be matrixed from the main FOH LCR channels. However, any delays, front fills, side fills or other should be appropriately matrixed within the in-house processor, where possible.

## **Technical Requirements/ Elements supplied by the Venue continued**

### **Sound and Video Equipment required**

Bangarra require the following sound and video equipment (or a variation in consultation with BDT) on the below:

- Digital Mixing Console – with up to 8 Mono Aux outputs and 1 Stereo Aux output and up to 8 inputs. Most consoles are fine, Allen & Heath preferred, please consult before arrival.
- 1 x Projector to be placed FOH for projection screen (suggested positions – dress circle rail, at sound mix position or projection room depending on appropriate space for venue). Minimum requirements are 12K laser with network control and internal shutter (preferred brands include Panasonic, Barco, Epson, Sony), and appropriate lens for a 6m x 3.3m screen on a downstage fly line. Plus, appropriate cabling and/ or converters to FOH sound mix position.
- 2x Handheld radio microphones will be required at the Production desk for rehearsals and available for on stage notes, speeches, Welcome to Country and Q&A's if required.
- 4 x Powered speakers with either round base stands or flown for onstage foldback. We ask that all cable be off the floor and dropped from above where possible. We may also require an extra 2 monitors further downstage if coverage and level is not as desired. Always check first before installing, as the dancer's safety is the first priority with regards to monitor placement.
- 1 x Powered speaker for use during warm up, class and notes. Must be able to connect to a phone and/or laptop. This speaker will move on, and off stage as required.
- 3 x Cat5a/6 direct network patches from mix position to:
  - 1: Stage Manager's calling position, for a QLab vision split
  - 2: Production desk, for QLab screen share during tech week (this can be a straight run).
  - 3: Projector, for lens and shutter controlThese are in addition to any digital interfacing between Bangarra's system and the in-house system. Please advise if this amount of network patching is not possible.
- A microphone at Stage Manager Desk that is always on (with on/off switch) for emergency and preshow announcements.
- A HDMI Monitor at Stage Manager Desk for Qlab vision split

### **Stage Management Control Systems / Communication Requirements**

- The use of wireless radio communication system with minimum 4 packs (Bangarra PM, Bangarra ASM, Fly crew x 2)
- Wired comms are required in the following areas:
  - Prompt corner x 1 (Stage manager)
  - LX operator x 1 (control booth or sound mix position)
  - Sound operator x 1 (sound mix position)
  - In addition, 3 extra headsets at production desk in auditorium are required during plotting and rehearsal sessions.
- Stage view monitor/s at prompt corner. Preferably 1x colour – fixed position in auditorium of full stage, and 1x infrared – fixed position in auditorium of full stage. Please note that we specifically require an infrared feed, not low light. If this is not possible, please inform.
- Stage management paging to dressing rooms and all other backstage areas from prompt corner.
- Audio program/show relay to dressing rooms.

### **Production Desk**

- Production desk in auditorium for bump-in and lighting plot with lighting control desk (BDT to supply), signal cable and 2-3 desk lamps. As well as suitable talkback headsets for communication. Please install production desk in pre-rig/ prior to BDT arrival.

## Technical Requirements/ Elements supplied by the Venue continued

### Laundry

- 2 x Industrial washing machines
- 2 x Industrial dryers
- Drying cupboard/ hot box
- 1 x Ironing board
- 1 x Steam iron
- 1 x Portable steam iron/boiler unit
- 4 x Wardrobe racks or hanging areas for drying
- Deep sink

### Backstage Requirements

- 4 x Portable wardrobe racks (sturdy)
- 2 x Large props tables
- 2 x Portable mirrors (full length)
- Wide brooms x 2 and collection tray
- 2-4 x Mops and Mop buckets to clean floor (No cleaning products to have been used on mops or in mop buckets)
- Water cooler backstage or bottled water to be provided.

### Backstage Cross over

The backstage cross over area (if large enough) should have 4 x wardrobe racks and 2 x tables covered in plastic for paint up (as per list above). If this area is carpeted, or at the venues discretion, plastic or carpet runners should be laid on the floor and walls.



## Technical Requirements/ Elements supplied by the Venue continued



Typical backstage area set up (note tables, costume racks, plastic on floor and walls as required)

### Quick Change Areas -TBC

Two designated quick-change areas, (approx. 1.2m x 1.8m) one on either side of the stage, are required for dancers to change in private – if cross over area not big enough. These areas should be equipped with a full-length mirror, small table covered in plastic, wardrobe rack and suitable lighting. **Please confirm with Bangarra before installing as they may not be required.**

### Body Paint

Body paint is used during the performance. Bangarra requires that one dressing room closest to the stage is laid with heavy duty plastic on the floor, walls to shoulder height and all bench surfaces to protect the room. **The plastic to be supplied by the venue.** This should be done prior to arrival in pre-rig or on day 1 of the bump in. It is also advisable to lay carpet runners or plastic over any carpeted areas leading from the dressing room to the stage as this is a high traffic area, or areas that you do not wish to be exposed to body paint. It is preferable if the allocated dressing room is at least a 4-person room with a sink and a shower – Bangarra Stage Management can advise which dressing room is preferred. Extra cleaning of shower stalls may be required after departure.



Typical Paint up room (note: plastic on floor, walls, and benches)

## Technical Requirements/ Elements supplied by the Venue continued

### Dance Floor

The Bangarra Production Manager will oversee the pre-show and post-show cleaning of the stage. Due to the nature of the materials used in the show, it is usually necessary to use an industrial wet mop with hot water, a walk behind floor polisher or steam cleaner. Spot cleaning with scrubbers may also be required. At the end of each performance, multiple mops may be required. There are specific mops designated for the cleaning of the dance floor and these must not be used for any other purpose. Please consult the Bangarra Production Manager before using any products on the dance floor surface to avoid damage.

### Dressing room facilities

All dressing rooms must be cleaned prior to Bangarra Dance Theatre's arrival and will need to be cleaned after each performance.

All dressing rooms must be equipped with toilets, sinks, hot & cold running water and showers. Due to the large amounts of body paint used by dancers in performance, we require at least 4 showers backstage. Ideally, we require:

- 2 x large dressing rooms (6-20 people)
- 2 x small dressing rooms (2-4 people)

### Production Office facilities

We will require a production office with access to at least one telephone line and high-speed Wi-Fi Internet connection for 7- 10 users.

### Green Room

We will require the use of a Green Room, with the following basic facilities: kettle or boiling water unit, sink, cutlery, plates, cups and bowls, a microwave (for heat packs), and fridge with a freezer (for ice packs). We will also require access to an ice machine or bags of ice for dancers to use for ice baths, approx. 6 bags of ice per show. Please advise us before our arrival if this is not possible, as ice and heat packs are required for the dancers before, during and after each rehearsal and performance.

### Venue Access

Venue to inform touring company of access procedures for all company members. Eg. Stage door access, passes, codes, keys.

**Bangarra Dance Theatre  
Futures Past  
Sample Schedule  
Production Schedule**

Futures Past Sample Schedule - 1 show Opens TBC Changes in red   Public Holidays in Green		BMT CREW										Bump IN Schedule <b>DRAFT</b>		
DATE/TIME	ACTIVITY	Fix	Mechanical	Lighting	Sound	Video	Wardrobe	Stage Management	Lighting	Sound	Mechanical	Electric	Bump In/Out	Notes and Creative / Contractor Information
<b>Day 0</b>	<b>Pre-rig</b>													
0900 - 1300	LX/SD/AV - pre-rig <i>Change numbers and hours at venue discretion</i>	2	2	3	1								4	Generally - Crew numbers and hours at venue discretion and dependent on venue/union requirements - for Pre-rig please note all LX, sound and staging equipment to be installed/moved as required to ensure ready for bump in
1300 - 1400	LX/SD/AV - lunch													
1400 - 1800	LX/SD/AV - pre-rig continue Finish	2	2	3	1							4		
<b>Day 1</b>	<b>Bump In Focus</b>													
0750	Venue access													<b>DRAFT</b>
800	Safety induction													
0850 - 0930	Unload Truck	2	2	2	1	1	1	2	1	1	1	4		
0930 - 1200	MX/LX/VIDEO - bump-in set elements and confirm all LX and Sound equipment including patching Lunch MX/LX / Sound quiet time				1									
1200 - 1400	Sound and Video lunch													
1300 - 1800	MX/LX/VIDEO - LX Focus/finish any onstage/backstage set up	1	3	3	1	1	1	2	1	1	1	4		
1200 - 1800	Dancers in Rehearsal space													
1600 - 1800	Dancer Treatments - TBC dressing rooms or other appropriate space													
1840	LX Sound finish													
1900 - 1900	Dinner Video focus				1								1	
1900	Video finish													
1900 - 2100	Lay out/kit	1	3						1	1	1	2		
2100	MX finish													
<b>Day 2</b>	<b>LX Plot, Rehearsals</b>													
0850	Venue access													Please note - if Byeman are unable to assist with general tasks, such as mopping floors - additional 2 mechanics required for all calls on day 2 and 3
0930 - 1200	LX Plot, SND - continue bump in, MX trouble shoot	2	1	1	1				1	1	1	3		
1030 - 1300	Dancer Treatments - TBC dressing rooms or other appropriate space													
1130 - 1200	Plot Rehearsal													
1045 - 1200	Class in Rehearsal space													
1200 - 1300	Crew Lunch													
1200 - 1300	Dancer Lunch													
1300 - 1700	Spading/ Tech	2	1	1	1				2	1	1	1	4.25	
1700 - 1745	Dancer Dinner, Tech prep including removing production desks													
1745 - 1845	Crew Dinner													
1815 - 1845	Warm up onstage													
1845 - 1900	Set onstage	2	1	1	1				2	1	1	1	3.5	
1845	Half hour call													
1900	House open													
1930 - 1945	Allowance for Speeches/ Welcome to Country/ etc													
1945 - 2050	<b>PERFORMANCE #1</b>													
2050 - 2110	<b>Audience Exit</b>													
2100 - 0000	Bump Out/ Pack truck	2	2	1	1	1			2	1	1	1	2	
2030 - 0000	Costume bump out													
0000	Finish												1.5	

