

cairns civic theatre

Technical Specifications

cairns civic theatre

Effective from 1st July 2008 ~ 30th June 2009



Cnr Florence & Sheridan
Street

PO Box 359
Cairns Qld 4870

Phone: +61 7 4031 9933

Fax: +61 7 4031 3228

Technical Specifications

STAGE / MECHANICAL

FLYLINES/ CURTAINING:

Method: Counterweight system [Brake!]
Operation: All lines operated manually from prompt side at stage level
 [Except house tabs when electric French Action in use]
Number: 21 [4 line pickup]

Bar	Capacity (kg) [Inc. Barrel]	Drift (m)	Distance (mm) from Prosc	Standard Rig	Description
1	200	13.8	250	HOUSE BORDER	GOLD velvet 50% gathered
2	300	13.8	490	HOUSE TABS	GOLD velvet 50% gathered -Elec. French Action [12seconds]
3	200	12.7	880	1ST BORDER	700 grade black wool 50% gathered
A LEGS- Dead hung from grid			1000	700 grade black wool 50% gathered (2.4m wide)	
4	300	13.8	1230	LX1	
5	200	13.8	1650	SPARE	CLS Flat truss
6	200	13.8	1930	SPARE	
B LEGS- Dead hung from grid			2300	700 grade black wool 50% gathered (2.4m wide)	
7	200	13.8	2360	1ST TRAVELLER	NAVY BLUE velveteen - Manual French Action
8	200	13.8	2890	SPARE	
9	200	13.8	3120	2ND BORDER	700 grade black wool 50% gathered
C LEGS- Dead hung from grid			3300	700 grade black wool 50% gathered (2.4m wide)	
10	300	13.8	3450	LX2	
11	200	13.8	4260	SCRIM Sharks tooth gauze - Choice: BLACK or WHITE	
12	200	13.8	4480	SPARE	
D LEGS - Dead hung from grid			4700	700 grade black wool 50% gathered (2.4m wide)	
13	200	13.8	4940	3RD BORDER	700 grade black wool 50% gathered
14	300	13.8	5430	LX3	
E LEGS - Dead hung from grid			5800	700 grade black wool 50% gathered (2.4m wide)	
15	200	13.8	6090	SPARE	CLS Flat truss
16	200	13.8	6420	2ND TRAVELLER	BLACK 700 grade wool - Manual French Action
17	200	13.8	6760	CYC FLOODS	
18	200	13.8	7100	F LEGS	560 grade black wool 50% gathered (7.5m in length)
19	200	12.7	7340	SPARE	
20	200	12.7	7570	SPARE	
21	200	12.7	7790	CYCLORAMA	Filled sharks tooth

Technical Specifications

Stage Floor:

4.8mm Masonite sheeting on Johnson River hardwood

NOTE: Inform duty tech of any drilling or coach bolts requirements

Painted with low sheen black acrylic.

Stage Dimensions:	(mm)	
Proscenium width	13,110	
Proscenium height	6,070	
Stage height above auditorium floor	900	
Stage Apron	1,250	
House Curtain to Final Bar	7,310	
Final Bar to rear wall	850	NOTE: This is the only stage crossover available
Centre Stage to Flyrail PS	10,700	NOTE: Limited wing space
Centre Stage to wall OP	11,060	NOTE: Limited wing space
Stage edge to Pit / Thrust edge	2,560	
Thrust width	15,070	NOTE: Steps (x1 set) to stage on PS against thrust edge, Pit / Thrust edge to A row seating 1,070 but can be moved to a different location.
Loading Dock	(mm)	Situated Opposite Prompt Side
Dock height	1,200	
Dock door height	2,200	
Dock door width	3,650	
Dock ceiling height	2,460	
Distance from stage	3,000	

Technical Specifications

LIGHTING SYSTEM

DESCRIPTION:

Control: ETC Insight 3 [Memory board: 999 Scenes, 512 Channels]
 Protocol: DMX 512 Distributed via Isoports throughout theatre house lights run from DMX
 Dimmers: 5K: 48 [Strand Power Pack] Located in dimmer room
 2.4K: 12 x LSC Tour Series Located on fly floor
 60 x JANDS HP12 Located on fly floor
 12 x LSC Tour Series Located FOH for orchestra bar
 24 x LSC Tour Series U/S PS & OP for booms

LIGHTING STOCK:

Profiles:		In Stock		
ETC	Source 4 zoom	750w	16	NOTE: These lamps are to stay in FOH 1
	Source 4 Junior 25/50	575w	12	
Strand	Cantata 18/32	1200W	18	} Iris x 10
	Cantata 26/44	1200W	6	
	Prelude 16/30	650W	9	
Selecon	Condenser 12/28	1200W	18	} Iris x 8
	Acclaim 18/34	650W	10	
	Pacific 15/32	1000w	6	
Fresnels:				
Selecon	SF1200	1200W	36	Barn Doors x 36
Strand	Cantata F	1200W	22	Barn Doors x 22
	Harmony F	1000W	14	NO Barn Doors
	Pat 743	1000W	12	Barn Doors x 2
Plano Convex Spots:				
Strand	Cantata PC	1200W	5	Barn Doors x 5
Floods:				
Selecon	Aurora 4 way (Cyc)	1250W	5	
Par Can:				
	Black MFL	1000W	40	Par Bars x 10
	Chrome MFL	1000W	24	Par Bars x 6
	MR 16 Chrome	50W	12	
Follow Spots:				
Selecon	Performer MSR	1200W	2	Colour Mag

Technical Specifications

Moving Lights:

In Stock

Robe 575XT WASH	4
Clay Paky Golden Spot	8

Colour Scrollers:

Showcraft Colourset 16 Way	10
----------------------------	----

Strobe:

Optikinetics White Lightning	1
------------------------------	---

Colour/ Gobos:

A wide selection of Lee and Rosco filter and a large variety of gobos available

Smoke/ Hazer:

F100 (DMX controller x 2, Manual control x 1)	2
DMX controlled Hazer	1

Rigging:

All fixtures have a hook clamp and safety chain

Boom Pole - 2 Metre	6
Boom Arm	21

Looms:

20m Weiland	12
(4 Circuits with 240v headers only)	

PATCHING:

FOH	26 Outlets on bar, direct to dimmer room
PIT	20 Outlets [2 x 8 way looms, 1 x 4 way loom]
LX1	24 Outlets on bar
LX2	24 Outlets on bar
LX3	24 Outlets on bar
PAR	16 Outlets [2 x 8 way looms]
CYC	12 Outlets [3 x 4 way looms]
PERCHES	6 Outlets per side, direct to dimmer room
FLOOR TRAPS	3 Traps each side of stage, each with 3 outlets, direct to dimmer room
CATWALK	9 Outlets above Proscenium Arch, direct to dimmer room

3 PHASE POWER:

Fly floor has 6x 40amp 3 phase outlets with RCD on back wall
 PS stage level has 1x 40-amp outlet with RCD next to SM console
 OP stage level has 1x 40-amp outlet with RCD next to Prosc. wall
 FOH roof has 3x 40 amp outlets with RCD on PS wall

Technical Specifications

SOUND SYSTEM

MAIN SYSTEM:

- Speakers:** Electrovoice Deltamax DML1152 processor controlled active 2 way + subs & infill. Tannoy Superdual S300 passive 2 way for Centre Fill [Two boxes per side, suspended adjacent the proscenium wall]
- Mixers:** Allen & Heath ML4000-40, Yamaha 01V
- Drive:** DBX Drive Rack, Klark Technic DN360 dual equaliser.
Klark Technic DN300 equaliser, DBX 160A compressor/limiter for Centre Fill
- Amplification:** Electrovoice P3000 x 2, Electrovoice P1200 x 1
- Fx:** Yamaha SPX990, SPX 90
- Playback:** Denon MD 1050R Mini disc player x1, Sony MDS JE 510 minidisc x 1
Denon C630 CD player x 1, Denon DT 620 cass./CD player x 1
- Mixing Position:** Note: House mixer, drive and Fx are hard wired in Bio Box and cannot be Removed

FOLDBACK:

- Sends:** 4
- Speakers:** Electrovoice SX 300 passive 2 way x 6
Electrovoice FM1502 floor monitors, passive 2 way x 4
Yamaha MSR800 X 4
Yamaha MSR400 X 17
- Drive:** Yamaha GQ 1031 x 4
- Amplification:** Electrovoice P1200 x 2

PORTABLE SYSTEM:

- Electrovoice Powermate 10 Channel powered mixer with EV SX300 speakers
Electrovoice Powermate 16 Channel powered mixer with EV SX300 speakers
-

RADIO MICROPHONES:

- AKG WMS 4000 system
- Handheld: HT 4000 with C900-WLI microphones x 8
- Lapel: PT 4000 x 24 with DPA 4061-FM lapel microphones x 26
DPA 4066-F head worn microphones x 12

Technical Specifications

MICROPHONES / DIRECT BOXES:

Shure:	SM58 x 9, SM57 x 5, SM58S x 2, BETA 91 x 1, BETA 52A x 1, BETA 87 x 5, SM99 [gooseneck] x 1
Senheiser:	MD421 x 2, K3U / ME80 [condenser/shotgun] x 5
Beyer:	M201 x 1, M300 x 2
Mann:	M11 x 6 [condenser]
Ibanez:	TH800 x 1
AKG:	C 3000 x 2
DIs:	Boss DI 1 x 4, Whirlwind Imp x 1 (passive), Behringer x 4
Misc.:	K & M stands, 10 x large & 10 x small.

MULTICORES:

House Patch: 56ch stage box located on the OP proscenium wall; 1-40ch connect to desk via a Bantam Patch bay in Bio box, 41-56ch have both M/XLR & F/XLR on both ends.

20-way stage box to tails 25-metre multicore x 2

11 way female box to male tails 30-metre multicore x 1

TALKBACK:

Jands Ezicom system with 8 substations using Beyer DT209 headsets
Talkback patch points available at stage manager's console, flyrail, OP corner, upstage centre, bio box, follow spot positions and the production desk.

DRESSING ROOMS / STAGE MANAGERS / BIO BOX

DRESSING ROOMS:

Quantity:	2
Description:	Chorus style open room with smaller principal's room incorporated
Location:	At stage level, up stage, off stage, one each side
Dimensions:	Main rooms: 5,160mm x 4,050mm Small rooms: 3,000mm x 2,430mm
Facilities:	Full length mirrors, make up mirrors with lights Showers x 2, Toilets x 2, per main room Iron, ironing board Washing machine: Hoover top load 7kg Dryer: Fisher & Paykel domestic Chilled water fountain per main room Telephone per main room Television per main room

Technical Specifications

STAGE DOORS:

- Quantity:** 2
- Description:** Stage access is from outside the building via double door opening on to 9-metre corridor leading directly to dressing room entrances
Stage doors are the stage area fire exits
- Location:** At auditorium floor level, down stage, off stage, one each side
- Dimensions:** Height: 2,100mm, Width: 1,850mm

STAGE MANAGER'S:

- Console location:** Prompt corner
- Facilities:** Telephone (on theatre PABX) and spare analogue telephone port
Paging to dressing rooms
Talkback master station
Clock and stopwatch
Television
VCR
- Show Relay:** Sony video camera mounted centrally on auditorium ceiling
Video camera feeds televisions at SM console, dressing rooms, and in foyer

BIO BOX:

- Important note:** Touring companies bringing own sound may set up a mixing position in the auditorium by removing seats S12 - S18 and T12 - T17 from sale
House sound system mixer, drive and Fx are hard wired in Bio Box and cannot be removed
- Location:** Rear of auditorium occupying V, W and X rows, central section [seats 9 - 21]
- Description:** Box is open to auditorium sound
Lighting control is at OP side of box; Sound control is at Prompt side
- Dimensions:** **Width 6,300 mm**
Front of box to back wall 2,600 mm
Bench height 710 mm
Bench depth 800 mm
-