



TE RAUKURA ki Kāpiti

Technical Specifications

Coastlands Theatre | Sir Jon Trimmer Theatre

Te Raukura ki Kāpiti is a partnership between Kāpiti College and the Kāpiti community. It is the first publicly owned specialist performance space on the Kāpiti Coast and seeks to meet the needs of young people, local performers, the Aotearoa performance industry and the arts-loving audience of the Kāpiti Coast.

Te Raukura ki Kāpiti

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Coastlands Theatre

Stage Dimensions

Setting Line = Back of proscenium

Full Stage Depth:	10.750m
Front of stage apron to Setting line:	1.750m
Setting Line to Back Wall:	8.900m

Usable Stage Width (Stage Level):	16.700m
Stage width between fly floors:	13.520m
Leg Setting stage width:	10.00m

Stage floor to u/side of galleries:	4.925m
Stage Floor to u/side of grid beams:	11.800m

Proscenium:	Height:	5.230m
	Width:	11.740m

Auditorium Details

Audience capacity:	331 Seats One tiered seating block with handrails Aisles on end of rows
Wheelchair Seats:	4 (removes 2 standard seats per wheelchair space) Auditorium of this size <u>must</u> offer 3 wheelchair spaces
Orchestra Pit:	Rows AA BB Removable (46 seats)
Theatre entrances:	Ground floor - main entrance Lift or stair access to level 1 to rear auditorium entrance

Stage Management

Coastlands Theatre Comes with an Altair wired and wireless comms system.

Wired Sets in operating booth:	3 (1 each for AV, Sound, Lighting)
Wireless Sets:	4 (2 single channel, 2 Dual Channel)
Desk Station:	1 (Currently in green room)

Flying System

Coastlands Theatre has a counterweighted theatrical flying system with 30 Linesets.

Batten size:	75 x 50 x 2.0mm RHS Steel Section (Black)
Batten Length:	12.800m
Batten Out-Dead (top of batten)	10.910m
Batten In-Dead (top of batten)	1.580m
Maximum Drift	9.330m

Lighting Suspension Bars:	10 x 6.5m 40NB Light duty 30 x Suspension Hooks
Total Lighting Bars:	5 full width overstage

Max UDL per pipe:	35 Kg per metre
Max SWL per suspension hook:	100 Kg
Lighting pipe standard weight:	60 Kg

No. of suspension wires	4 off 5mm wire rope 3.600m Between centres
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Loadings

Max distributed load per batten	250 Kg
Max point load, anywhere along batten	100 Kg
Max point load when suspended directly Under a suspension wire.	250 Kg
Max Cradle payload	250 Kg

Counterweights Supplied:	15 Kg 5 Kg
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Hanging Plot

As at 09/08/2020

Note: Greyed out linesets are NOT INSTALLED

Line	Distance From Setting Line (mm)	Item	Trim Height	Comments
HC	230	House Curtain		Blue Velvet 50% Fullness
2	515	Border 1	5.8m	
3	742	Legs 1		
5	1196	LX 1	6.0m	
7	1650	Projector		
8	1877	Locked off (for projector)		
9	2104			
10	2331	Border 2	5.8m	
11	2558	Legs 2		
13	3012	LX 2	6.0m	
15	3466			
16	3693			
17	3920			
19	4374	Border 3		
20	4601	Legs 3		
21	4828	Midstage Tabs		
22	5055			
24	5509	LX 3	6.0m	
26	5963			

27	6190			
28	6415	Border 4	5.8m	Note: Irregular Spacing
29	6600	Legs 4		Note: Irregular Spacing
30	6850	LX 4	6.0m	Note: Irregular Spacing
32	7294			
33	7520			
34	7746			
35	7972	Border 5	5.8m	
36	8198	LX 5	6.0m	
37	8424	Upstage Tabs		
38	8650	Cyclorama		PVC

Lighting

Power

3-Phase:	Ground Level:	4 each corner of the stage
	Gallery Level:	1 x PS , 3 x OP
	Front Of House:	1 x FOH 1 Gantry

DMX and Cat-6 Network waylines distributed to all areas of theatre.

Lighting Equipment (Coastlands Theatre Fixed)	
12	Chauvet Ovation E910FC Profiles 25°-50°
16	Chauvet Ovation F915FC Fresnel
6	Chauvet Maverick Mk2 Profile
8	Chauvet Maverick Mk3 Wash
6	12 Way 3-Phase Distro
1	Chamsys MagicQ MQ70 Console

Lighting Equipment (Venue Shared)	
4	Selecon Pacific 1000W 23°-50°
1	12 Channel Dimmer Pack (3-Phase)
1	Chauvet Amhaze Whisper Hazer
1	Martin Magnum 850 Smoke Machine

Additional AC and DMX Cabling Available.

House lighting control is Via Dynalight wall panels or DMX Channels 509 - 512.

Sound

Coastlands Theatre has been acoustically designed to provide clean and natural amplification from the stage for orchestral and vocal performance. Equipped with a sound system adequate for amplification to cover the entire auditorium space.

Sound Equipment (Venue Fixed)	
1	Midas M32 Live Mixing Console
1	Midas DL231 Stage Box
PA System	
1	d&b audiotechnik xD 30D Amplifier
1	d&b audiotechnik D D80 Amplifier
5	d&b audiotechnik Y Yi7P Speakers
4	d&b audiotechnik V Vi-SUB Subwoofers
4	d&b audiotechnik xS 5S Front Fill Speakers
	Foldbacks

Audio Visual and Projection

Panasonic Projector 8K Large enough for full quality coverage of Cyclorama
Rigged on lineset 7

Available projection surfaces Midstage small screen
White cyclorama on most upstage lineset (38)

Other

Smoke Isolation available.

Te Raukura ki Kāpiti has a scissor lift available for working at heights. Approved users only.

Free Wifi.

Ground level loading dock. Not driveable internally.

No glitter.

Any desired use of water & fire need to be discussed.

Sir Jon Trimmer Theatre

Flexible "black box" contemporary performance space / studio.

Space Dimensions

Width/Depth: 13.75m x 13.75m
Height to underside of Grid: 5.2 m
Height to Catwalk: 5.6 m

Audience Details

Flexible flat floor seating with a maximum capacity of 200 pax (standing), 150 pax seated.
The venue has 150 single black chairs available for Sir Jon Trimmer Theatre seating.

Lighting

Power

3-Phase: 4 Each Corner of Grid
1 In Juliet Balcony Operating Position
2 on Floor

Lighting Equipment (Trimmer Fixed)	
11	Colourado Quad 18 Pars
2	12 Way Distro

Lighting Equipment (Venue Shared)	
4	Selecon Pacific 1000W 23°-50°
1	12 Channel Dimmer Pack (3-Phase)
1	Chauvet Amhaze Whisper Hazer
1	Martin Magnum 850 Smoke Machine

Additional AC and DMX Cable available.

House lighting is Controlled via Dynalight control Panel on ground floor.

Greenroom

The Greenroom sits between our two theatres and is accessible to both stages.

The greenroom has nine mirror positions above benches with seating.

Costume racks.

Small kitchenette with small fridge, microwave, and hot water urn.

2 Toilets, 1 with additional accessibility (no showers).

Laundry

Washer/dryer combo machine in the kitchenette.

Clothes horse for air drying.

Iron + ironing board.