



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 row
Wheelchair Seats:	4 (removes 2 standard seats per Wheelchair space) We must 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

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
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

Hanging Plot

As at 20/12/2021

Note: Greyed out line sets are NOT INSTALLED

Line	Distance From Setting Line (mm)	Item	Trim Height	Comments
HC	230	House Curtain		Blue Velvet 50% Fullness
2	515			
3	742	Legs 1		
5	1196	LX 1	6.0m	
7	1650	Projector		
8	1877	Locked off (for projector)		
9	2104	Acoustic Panels 1		5 Panels
10	2331	Border 2	5.8m	
11	2558	Legs 2		
13	3012	LX 2	6.0m	
15	3466			
16	3693			
17	3920	Acoustic Panels 2		4 Panels
19	4374	Border 3		
20	4601	Legs 3		
21	4828	Projector Screen		
22	5055	Midstage Tabs		
24	5509	LX 3	6.0m	

26	5963			
27	6190	Acoustic Panels 3		5 Panels
28	6415	Border 4	5.8m	Note: Irregular Spacing
29	6600	Legs 4		Note: Irregular Spacing
30	6850			Note: Irregular Spacing
32	7294	LX 4	6.0m	
33	7520			
34	7746			
35	7972	Border 5	5.8m	
36	8198	Upstage Tabs	6.0m	
37	8424	LX 5		CYC Top Row
38	8650	Cyclorama		PVC

Lighting

3-Phase Power:	Ground Level:	4 (1 at each corner of the stage house)
	Gallery Level:	1 x PS , 4 x OP
	Front Of House:	1 x FOH 1 Gantry
		1 x FOH 2 Gantry
		1 x FOH 3 Gantry

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

Coastlands Theatre Lighting Equipment	
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

- Additional AC and DMX Cabling Available.
- House lighting control is Via Dynalight wall panels or DMX Channels 509 - 512.
- Lighting Equipment can occasionally be moved between spaces, please consult with a Venue Technician around your requirements.

[See Additional Lighting for our additional lighting and effects equipment.](#)

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.

Coastlands Theatre Installed 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

[See Additional Sound for information on our available sound consoles and microphones](#)

Acoustic System

The Coastlands theatre has an Acoustic panel system that can be used within the stage house for acoustic performances. The panels contribute to the natural acoustics of the theatre and provide natural foldback to performers on stage. The system consists of 14 hanging reflective panels and 3 sets of reflective book flats that replace legs. The panels have the same wood panel look as our auditorium for a seamless visual aesthetic.



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)

Audio Visual and Projection

Te Raukura has one large Projector rigged in the Coastlands theatre stage house. Its rigging does allow it to be moved into the Trimmer theatre if required.

Panasonic PT-RW930B 10K Laser DLP Projector with ET-DLE060 Lens

- Signal Delivered over SDI for either side of stage or Operating Booth
- We have HDMI to SDI adapters available
- Lens allows for images large enough for full quality coverage of Cyclorama
- Rigged on lineset 7

Available projection surfaces	Midstage small screen 2100 X 3750 (HxW) White cyclorama on most upstage lineset (38)
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Other

- Smoke Isolation available on a timer system, please consult venue technician on arrival.
- Te Raukura ki Kāpiti has a scissor lift available for working at heights. Approved users only.
- We have free public wifi and dedicated production wifi, see venue technician for access.

Sir Jon Trimmer Theatre

Flexible "black box" contemporary performance space / studio.

Space Dimension

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

Audience Detail

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.

Perimeter Draping

The Trimmer theatre has a black perimeter drape that adds to the versatility of the space. This curtaining is on a track that borders the room.



Other

- Smoke Isolation available on a timer system, please consult venue technician on arrival.
- Te Raukura ki Kāpiti has a scissor lift available for working at heights. Approved users only.
- We have free public wifi and dedicated production wifi, see venue technician for access.
- Ground level loading dock. Not driveable internally.

Lighting

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

Sir Jon Trimmer Theatre Lighting Equipment	
10	Chauvet Colourado Quad 18 Pars
4	Selecon Pacific 1000W 23°-50°
2	Selecon 650w Fresnel
8	1000w CP62 Par Can
2	500w CP62 Par Can
2	12 Way Distro
2	12 Channel Dimmer Pack (3-Phase)

- Additional AC and DMX Cable available.
- House lighting is Controlled via Dynalight control Panel on ground floor.
- Lighting Equipment can occasionally be moved between spaces, please consult with a Venue Technician around your requirements.

[See Additional Lighting for our additional lighting and effects equipment.](#)

Sound

The Sir John trimmer theatre has a flexible sound system that has rigging hardware allowing it to be rigged in any positions required. We utilise the Behringer Ultranet system to send signal to our speakers

Sir Jon Trimmer Theatre Sound Equipment	
4	Turbosound IQ-12 Powered Speaker
2	Turbosound IQ-18B Powered Subwoofer
1	Behringer P16-D 16 Channel Digital ULTRANET Distributor

[See Additional Sound for information on our available sound consoles and microphones](#)

Audio Visual and Projection

The Sir John Trimmer has an **Epson EB-X140** Projector, This is a small projector that is utilised when the theatre is used as a teaching space. HDMI Input.

Additional Venue Information

Greenroom

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

- The greenroom has nine mirror positions above benches with seating.
- Curtaining allows for the room to be divided into 3 specific zones for additional privacy.
- We have 2 x 2 rail costume racks available for use.
- Tea and coffee making facilities.
- Crockery and eating utensils.
- Small kitchenette with a small fridge, microwave, and hot water urn.
- 2 Toilets, 1 with additional accessibility (no showers).

Laundry

- Washer/dryer combo machine in the kitchenette (we do not recommend using this for show critical laundry as a full wash and dry cycle can take up to 5 Hours)
- There is a Smart card operated laundromat just 5 mins walk from the venue in Raumati village
- Iron + ironing board.

Loading Dock and Vehicle Access

Te Raukura has a ground level loading dock at the rear of the building. This area also doubles as a truck and car park for authorised production vehicles.

The exterior roller door has a dimension of 2700 x 2800 (HxW)

The interior sliding door for stage access to the Coastlands theatre has a dimension of 2900 x 2100 (HxW)

We recommend heavy vehicles use our Raumati road entrance at 32 Raumati road.

Light vehicles can use either the Raumati road entrance or Margaret road entrance (also used by Kapiti College)

Our building is not internally drivable.

Additional Technical Equipment

Additional Lighting

Shared Lighting Equipment	
24	ProShop Quad-12 Led Par Cans
4	Chauvet Ovation F-265WW LED Fresnel
1	Silverstar Tracer LED FollowSpot with Gel Changer

Effects Equipment	
1	Chauvet Amhaze Whisper Hazer
1	Martin Magnum 850 Smoke Machine

Additional Sound

Sound Consoles / Stage Boxes	
1	Midas M32 Live Mixing Console
1	Behringer X32 Compact
1	Behringer X32 Producer
1	Behringer X32 Rack
1	Midas DL16 Stage Box
1	Midas DL231 Stage Box

Active and Foldback Speakers	
4	Turbosound TFX122M-AN Wedges
2	QSC K12 Powered Speaker
2	QSC K12.2 Powered Speaker
Microphones and DI	
3	Sennheiser E840 Mic
2	Sennheiser E845 Mic
1	Sennheiser E835 Mic
1	Shure SM57 Mic
3	Radial JDI Passive DI
1	Radial J48 Active DI
4	Mipro ACT-70H Wireless Handheld Microphones
16	Mipro ACT-70T Wireless Transmitter with Samson SE10 Omnidirectional Headworn Microphone
1	Lapel Microphone for Mipro ACT-70t Wireless Transmitter
4	Mipro ACT-74 Wideband True Diversity Receiver (1 unit receives 4 signals)
Mic stands and other hardware	
4	Tall boom arm mic stand
1	Short mic stand

4	Speaker Stands
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