

Caudan Arts Centre Technical Specification

Auditorium

Maximum Capacity	431
Stalls	309
Balcony	122

39 seats are removed if the forestage is raised or the Band/Orchestra Pit is opened, reducing capacity to 392
9 Wheelchairs places are easily available, 3 in the Balcony and 6 in the Stalls
Production/Mixing Position in centre of Stalls: Takes out in total 5 seats from Row H and 6 seats from Row I.
Rear Stalls Control/Mixing Position: Takes 4 seats out in Row N

Stage & Flies

Width	10m-12.75m	(Adjustable False Proscenium)
Depth	11m	
Height	6.5m	(Maximum opening without false proscenium 15m wide x 7.5m high)
Forestage:	2.5m deep	(4 hours to build/remove Rows A & B)
Orchestra/Band pit	14m x 3m (2.3m below stage level)	(4 hours to build/remove Rows A & B)
Stage Trap	7 sections 3m x 1m can be removed from the centre of the stage	
Counterweight Flying System	20 Sets: Maximum load 400kg evenly spread with a 150kg point load	

(See Stage Plan for positions)

Masking

Masking	There is a full set of black serge masking	
House Curtains	Red Velour	(Can Track open/close or Fly In/Out)

Dressing Rooms & Rehearsal Room

Principal	2	on stage level and each can accommodate 2 or 3 people
Chorus	4	All on Level 2, 2 x 6 people and 2 x 12-15 people
Rehearsal Room	1	on level 3

Sound

The main system comprises a flown d&b audiotechnik T series line array
There are 4 V-GSUBS and a V series centre cluster available for live music and concerts
All running from d&b 10D & 30D amps

Line Array	2 x T-Sub and 8 x Ti10L per side	
Centre Cluster	2 x Vi7p	
Sub bass	2 x V-GSUB per side	
Stalls Proscenium Fill	2 x Ti10p	
Stalls Front Fill	4 x E6	
Under Balcony Fill	5 x 5S	
Stage Monitors	6 x M6	Stage wedge or Side Fill
Mixing Desks	Yamaha CL3 (at the back of the stalls) & CL1 (Control Room or as onstage Monitor Mix)	
I/O Modules	3	Yamaha Rio 3224-D (2 on stage and 1 in the amplification room)
Radio Microphones	2	Sennheiser ew 500 - 965 Handheld
	16	Sennheiser ew 512 with SL Headmic 1
Wired Microphones	3	Sennheiser MKH3015/ME36 Gooseneck Supercardioid Tabletop
	6	Sennheiser e835 dynamic cardioid
	6	Shure SM57 dynamic cardioid instrument
	3	Sennheiser e914 cardioid condenser
	4	Sennheiser e904 dynamic cardioid drum/instrument
	1	Sennheiser e902 dynamic bass drum
Backline	Please contact our sound department for details	

Projection & AV

Projector	Christie D13WU-HS 12000 ANSI Lumen WUXGA 1DLP Laser projector with native 16:10 1900x1200 resolution
Screens	Dalite 7.31m x 4.11m 16:9 Front Surface Screen (Can be Floor mounted or flown from any counterweight bar) Cyclorama 13m x 6.4m (maximum usable dimensions)
AV Control	Analogue Way QuickVu Switcher QLAB Audio & Video running on a Mac Mini, Denon BlueRay Player, Denon CD/USB Player

Comms & Run of Play

Intercom	An Axxent Comms systems with 10 belt packs and headsets A stage managers desk, with video/IR run of play, Dressing Room and FOH Calls GDS CueSystem with 6 network outstaions
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Lighting

Control	ETC Ion XE and 20 fader wing
Dimmers	168 ETC Colorsource Thrupower (10A Dimmer/Relay/Direct Power)
Fixtures	8 ETC Series 2 LUSTR LED engines} All 42 Light engines can be paired with the following lenses and 34 ETC Colorsource LED engines} adaptors 6 19° Lenses 6 14° Lenses 16 25-50° Lenses 16 ETC Fresnel adaptors 12 ETC Cyclorama Adaptors 12 ETC Colorsource PARs 12 ETC Fresnels 750w 15 5.2m IWBs with Socapex and 12 x 16a outlets Any counterweight bar can become a lighting bar within reason

(Please refer to plan of the standard lighting rig)

Pianoforte	Steinway Model C (with 2 piano stools)
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Access & Entry

Loading Bay	The Loading Bay can accommodate 2 vehicles simultaneously and is 0.64m high
Service Lift	Length 550cm From Loading Bay (Level 0) to Stage level (Level 1) Width 250cm Height 230cm Diagonal 620cm
Soundproof Stage Door	Length 445cm Height 299cm
Working at height	The Genie® AWP®-25S Super Series aerial work platform 6, 9 and 14 rung Zarges Skymaster Ladders

For further information and drawings please contact:

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