

## Caudan Arts Centre Technical Specification

### Auditorium

Maximum Capacity	431
Stalls	309
Balcony	106
Juliet Balconies	16

39 seats are removed if the forestage is raised or the Band/Orchestra Pit is opened, reducing capacity to 392  
8 Wheelchairs places are easily available, 2 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	
Chorus	4	on level 2
Rehearsal/Warm-up 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 condensor
	4	Sennheiser e904 dynamic cardioid drum/instrument
	1	Sennheiser e902 dynamic bass drum

### 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 outstains	
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<b>Lighting</b>	
Control	ETC Ion XE and 20 fader wing
Dimmers	168 ETC Colorsource Thrupower (10A Dimmer/Relay/Direct Power)
Fixtures	8 ETC Series 2 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 standard lighting rig)**

**Piano** Steinway Model C

**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 3 Skymaster Ladders