

technical information



revised October 2007

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THE ARDEN

The Arden is located in St. Albert Place Civic and Cultural Centre. Operated by the Cultural Services Division of the City of St. Albert's Community Services Department, it is one of four cultural components in the Centre, which was designed by Alberta architect Douglas Cardinal.

The Arden offers the finest in production facilities and superb acoustics.

address

The Arden
St. Albert Place
5 St. Anne Street
St. Albert, Alberta T8N 3Z9
CANADA

www.ardentheatre.com

telephones

Administration	(780) 459-1540
Box office and show information	(780) 459-1542
Technical office	(780) 459-1543
Fax number	(780) 459-1726

rentals coordinator

Teri Tralnberg

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programming manager

Brenda Heatherington

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technical staff

E-mail: ardentec@st-albert.net

Scott Weir
Andrew Tudge
Tyler Patrick

Technical Director
Technician (Lights)
Technician (Sound)

stage

floor

Tempered hardboard cover on 2 layers of 3/4" plywood, cushioned, black in color

dimensions

Width	23.6 m	76'10"	
Height	15.82 m	51'10"	
Depth	13.75 m	45'10"	(apron front to rear wall)
Proscenium opening:	9.5 m	31'2"	(proscenium line to rear wall)
Width	12 m	39'4"	
Height	7 m	22'11"	

orchestra pit

Access	Under stage		
Width	11.13 m	36'5"	
Length	2.25 m	13'9"	
Depth	3 m	6'7"	below stage floor
	1 m	39"	below auditorium floor
Musicians accommodated	15		

related equipment available

Pianos	7' Steinway grand 1 – Kawai upright
Music stands	10 Manhasset with lights 1 Conductor
Dance floor	Rosco, black/grey
Orchestra Chairs	80 black armless

fly gallery

drapes

Main Curtain	Fabric: Green colored velour Operation: SR gallery	
Legs	Fabric: Black velour 4 – 4.57 m wide x 7.94 high Tracked on Rotodrapeer hangers	(14'11" x 26')
Borders	Fabric: Black velour 1 – 21.18 m wide x 4.04 high	(69'5" x 13'3")
	Fabric: Black velour 3 – 21.18 m wide x 3.05 m high	(69'5" x 10')
Travellers'	Color: Black 2 – 19.2 m wide x 8.53 m high	(62'11" x 27'11")
Scrim	Black Sharktooth 1 – 18.5 m wide x 8.3 m high	(60' x 27')
Cyclorama	Color: White blue filled cloth 1 – 19 m wide x 8.5 m high	(62'9" x 28')

fly lines

Total line set	26
Occupied lines	17
4 lines	electrics #4,10,16,24
1 line	main curtain #1
4 lines	legs #3,8,12,19
4 lines	borders #2,7,11,18
2 lines	travellers (black) #15,25
1 line	scrim #23
1 line	cyclorama #26
Available lines	9
Loading capacity	684 kg (1500 lbs)
Length of pipe	#8 & #15 18.6 m (61') all others 18 m (59')
Maximum flying height	14.94 m (49')

lighting

control system

Main

Insight 3
512 Control Channels / 108 Submasters
(By Electronic Theatre Controls)

Accessories

Remote Focus Unit
Designers Worksheet

circuits

FOH 4	10 – 2.4 kw
FOH 3	17 – 2.4 kw
FOH 2	23 – 2.4 kw; 2 – 2.4 kw for worklights
FOH1	16 – 2.4 kw
LX 1	22 – 2.4 kw; 1 – 2.4 kw for worklights
LX 2	NON-CIRCUITED (powered by Sensor Rack)
LX 3	14 – 2.4 kw; 1 – 2.4 kw for worklights
LX 4	12 – 2.4 kw for cyc lights
Drop boxes	3 SR, 3 SL, each with 4 – 2.4 kw
Stage galleries	SR, SL, each 2 – 2.4 kw and 4 – 2.4 kw (shared SL and SR)
Side slots in house	3 SR, 3 SL, each with 4 – 2.4 kw
Floor pockets	3 SR, 3 SL, each with 2 – 2.4 kw DS and US pockets each share one other circuit
Floor pockets	3 US, undimmed
Grid and orchestra pit	2 each – shared 2.4 kw 1 – 2.4 kw non-dim in orchestra pit

Total: 186 dimmers – 2.4 kw
6 non-dim – 2.4 kw – switchable to dim
48 dimmers – 2.4 kw (ETC Sensor 48 Portable Rack located SL mid-rail, with 8 runs of 6ch SOCA (2 x 100', 3 x 75', and 3 x 50'))

Auxiliary Power

200 A, 3 Phase located SL (currently used to power Sensor rack)

Instrument Inventory

Fixed Focus Ellipsoidal

12	Colortran 10° (FEL 1000w)
24	ETC Source 4 19° (HPL 575w)
16	ETC Source 4 26° (HPL 575w)
40	ETC Source 4 36° (HPL 575w)
6	Altman Shakespeare 40° (FLK 575w)

Fixed Focus Barrels

14	Source 4 50° Barrels
2	Source 4 70° Barrels
2	Source 4 EDLT 36° Barrels
2	Source 4 EDLT 50° Barrels
2	Altman Shakespeare 50° Barrels
4	Altman Shakespeare 20° Barrels

Variable Focus Ellipsoidal

24	ETC Source 4 25-50° Zoom (HPL 575w)
12	Altman Shakespeare Zoom 15-35° (FLK 575w)
12	Altman Shakespeare Zoom 30-55° (FLK 575w)
6	Colortran Zooms 15-35° (FEL 1000w)

Fresnels, Parcans, other

40	Selecon 7" Rama Fresnels with Barndoors (BTR 1000w)
12	Colortran 6" Fresnels with Barndoors (BTR 1000w)
36	Par 64 (1000w MFL (12 Narrow bulbs available))
8	Colortran, "Far-Cyc" 3 cell (FFT 1000w)

Worklight

6	Altman Scoop floodlights – 500w
7	Quartz Halogen Worklights – 300w

Automation

26	Chroma Q CQ1 (24 in bandplot with 16 frame scrolls)
28	Chroma Q Plus (in houseplot with 20 frame scrolls)
8	Power supplies

Followspot

1	Lycian model – 1267 followspot (400 w HTI)
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Connectors:

All lamps and circuits are 20 Amp 125v new style twist lock

sound

mixing consoles

- 2 – Soundcraft K2 mixer 40x8x2
- 1 – Soundcraft Spirit 328 Digital console with 8 channel expander
- 1 – 200B Soundcraft 32x4x2
- 1 – Mackie 1604 VLZ3 (Permanent install in Dance Rack)
- 1 – Mackie 1402 VLZ3

cassette recorders

- 1 – Nakamichi MR2
- 1 – Tascam 102 MK II
- 1 – Pioneer dual cassette deck

compact disc player

- 2 – Denon DN-T625 (CD/Cass. Combideck) (FOH)
- 1 – Denon DN-T645 (CD/Cass. Combideck) (Dance Rack)
- 1 – Tascam CDRW900 CD Burner (Dance Rack)

digital audio tape recorder

- 1 – Panasonic SV3700

minidisc recorder

- 1 – Denon DN-M2300R

microphones

- 5 – Shure SM58
- 6 – Shure Beta 58
- 4 – Shure SM57
- 4 – Shure Beta57
- 6 – Shure SM81
- 2 – Shure Beta 87
- 2 – AKG 535
- 1 – AKG D190 E
- 6 – AKG 568 Condenser
- 4 – Senheiser MD504
- 2 – Senheiser MD421
- 5 – Crown PCC 160
- 1 – AKG D112
- 1 – Shure Beta 52A
- 1 – Shure Beta 91
- 3 – Line CM 2
- 2 – AKG GN30 with CK 31 capsule (Podium)
- 1 – BarcusBerry Planer
- 4 – Shure ULX series combo wireless mic units with active antenna split

direct boxes

- 1 – Urei Model 325 Active D.I.
- 6 – Countryman D.I.
- 2 – Rapco db 100 D.I.

speakers

- 8 – Apogee ALA 3 (full range) (Main PA)
- 4 – Apogee AE5 (full range)
- 2 – Apogee AE10 (subs)
- 2 – Apogee APL12 (powered subs)
- 2 – Apogee AE2S2 (front fill)
- 4 – Apogee AE6 monitors
- 5 – Apogee AE6B monitors

amplifiers

- 4 – Crest Pro 9200 (ALA3)
- 2 – Crest 7001 (AE5)
- 1 – Crest 8001 (AE10)
- 1 – Crest CA6 amplifier (AE2s2)
- 9 – Crest CA9 amplifiers (monitors)
- 1 – Urei 6150 (booth monitors)

snake

- 1 – passive 40 channel split
- 1 – 24 channel split
- 1 – 16 channel sub
- 2 – 12 channel sub
- 1 – 9 channel sub
- 2 – 6 channel sub

auxiliary equipment

- 2 – TC Electronics M1XL (One at FOH, One at Monitor)
- 1 – TC Electronics D-Two
- 1 – Yamaha SPX 1000
- 1 – Yamaha SPX 990
- 1 – Yamaha SPX 90 II (Dance rack)
- 1 – Roland SDE 330
- 1 – Urei 3rd octave equalizers (Dance Rack)
- 1 – Stereo BSS 3rd octave equalizers
- 1 – DBX 2031 equalizer/limiter
- 1 – DBX 2231 equalizer/limiter
- 5 – Klark Technik DN360 equalizers
- 2 – Sabine FBX 901 Feedback Exterminators
- 4 – Drawmer 241b Dual Channel Compressor
- 2 – Drawmer 201 Dual Channel Noise Gates

- 1 – DBX 480 Drive rack
- 1 – DBX 482 Drive rack

power

- Isolated transformer – 100A in booth
- 100A 3 Phase disconnect SL with distro panel
- 7 – 20A twist
- 1 – 15A duplex

communications & projection

intercom system

CLEARCOM

- Master station:** Main control booth
- Stations:** 2 speaker boxes
- Beltpacks:** 11
- Wireless:** 3 – TR-700 single channel packs

telephones

(external and internal calls)

- Locations:** Control booth
- Green room
- Theatre office
- Workshop
- Box office

projection

- Location** Back of audience chamber
- Projector** 1 – Sanyo PLC-XP30 (3000 ANSI lumens)
- Lens** 1 – Standard Zoom lens (1.8-2.1:1)
- 1 – LNS-W31 Short Throw (1.3-1.8:1)
- 1 – LNS-T31 Long Throw (2.35-4.25:1)
- Switcher** 1 – Kramer VP727
- Playback** 1 – Panasonic DVD player
- 1 – Sanyo VCR
- Film** 2 – Eiki EX 3000 NT2 16mm Xeon projectors

shop & loading

workshop

Location	Stage left		
Dimensions	6m x 11m	19'8" x 36'	
Height	4.8m	15'8"	

loading

Location	Below scene storage/workshop on main floor		
Loading dock	Door – maximum height	2.6m	8'11"
	maximum width	2.43m	11'7"
Scissor lift to stage level:			
	Door – maximum height	2.03m	6'8"
	maximum width	2.43m	8'
	maximum length	5.94m	19'5"
Outside access	West side of St. Albert Place off St. Anne Street		