

E.A. RAWLINSON CENTRE FOR THE ARTS

Theatre Technical Specifications

Seating Capacity:

606 seats in the basic theatre setup with 6 seats permanently removed for sound console.

Space for console is 120" wide x 60" deep.

Dressing Rooms:

2 rooms accommodating: 20 people in one, 15 people in the other. The dressing rooms are located on the 2nd level.

Note: You must go up a flight of stairs to get to the dressing rooms.

The washroom in the green room functions as a barrier free dressing room for 1 person unable to climb stairs.

Wardrobe:

Wardrobe is located on the 2nd floor containing a washing machine, dryer, 2 irons and large sink.

Note: You must go up a flight of stairs to get to the wardrobe room.

Stage Dimensions:

Proscenium Opening:

Width: 42' 5"
Height: 24' 0"
Main valance trim height: 21' 0"

Stage:

Width between legs: 36' 0"
Plaster-line to upstage wall: 38' 0"
Plaster-line to downstage centre of thrust: 10' 5"
Plaster-line to cyclorama: 30' 3"
SL Wing (from off stage edge of the legs to the wall): 7'10"
SR Wing (from offstage edge of the legs to the wall): 4'-4"

Fly Information:

E.A. RAWLINSON CENTRE FOR THE ARTS

Total number of line-sets: 31 (load capacity of 1,500 lbs.)

Available line-sets: 10 (minus drapes, lighting pipes, etc.)

All line-sets are single purchase, controlled on a fly floor above stage level (stage right)

Note: No unrated hardware may be used.

Stage Drapes:

Main Curtain: Manually operated from fly floor or travelled from main floor

Legs: 5 pair of black velour

Boarders: 5 black velour

Blacks: One full stage blacks upstage behind cyclorama, the other is midstage (there is no fullness in the full stage blacks)

Scrim: 2 - one black and one white sharks tooth scrim

Cyclorama: White cotton

Stage Floor:

The floor is sprung tempered Duratex, black.

No traps or elevator in the stage.

Orchestra Pit:

The orchestra pit is below 9 removable 420 lb. traps inside the thrust. There is access to the orchestra pit below the stage via the stairs on stage left and stage right.

Note: The pit will be covered. If you wish to use it, there is a substantial labour cost to remove the traps and put it back.

Length: 24' 0"

Centre Stage Width: 8' 5"

Depth below Stage Level: 7' 0"

Music Stands: 20

Chairs: 20

Note: The orchestra pit cannot be adjusted in height.

Loading Facilities:

Load-in is obtained on the east side of the building through an overhead door at street level:

A STEEL RAMP IS REQUIRED: The theatre has a 16' 0" ramp

E.A. RAWLINSON CENTRE FOR THE ARTS

Door Size: Height – 7' 4" Width 7' 4"

Parking for trucks or buses is located on the east side of the building.

Lighting:

ETC EOS lighting console:

4000 outputs

10000 channels (devices)

30 sub master faders (10 console faders, 20 external fader wing faders)

4 – ETC net2 DMX output nodes

1 – ETC net2 DMX input node

1 – ETC net3 focus remote

Circuits:

192 Strand SLD dimmers (DMX) – dimmer per circuit.

All circuits are 20 amp new configuration twist lock.

The theatre uses ETC Net2 over a CAT 5e Ethernet network throughout the theatre.

The theatre has 5 ETC net2 nodes to integrate DMX devices into the system.

1 st FOH:	19
2 nd FOH:	20
1 st LX (DS):	20
2 nd LX:	18
3 rd LX:	18
4 th LX (US):	21
SL side positions:	8
SR side positions:	8
Balcony rail:	12
On stage drop boxes:	4 boxes (3 circuits)
Stage Floor:	17
DS in house:	8

Available Power:

30 amps 3 phase upstage centre of the back wall.

200 amps 3 phase in the loading room.

50 amp range plug in loading room.

50 amps 3 phase OR 50 amp range plug in storage room under the stage (pass through downstage right).

30 amps 3 phase in storage room under the stage (accessed through a pass through downstage right).

Instrumentation:

E.A. RAWLINSON CENTRE FOR THE ARTS

9 – 6" Strand Fresnelite – 1000W, with barn doors
20 – 9" Strand Fresnelite – 2000W, with barn doors

8 – Strand Iris 3 cyc light units – 1000W
6 – Altman 3 unit, ground cyc lights – 1000W

22 – Strand SL Ellipsoidal 36° (6x9) – 575W
22 – Strand SL Ellipsoidal 26° (6x12) – 575W
14 – Strand SL Ellipsoidal 19° (6x16) – 575W
13 – Strand SL Zoom Ellipsoidal – 15°-32° – 575W
22 – Strand SL gobo (pattern) holders
2 – Strand SL iris kits
20 – Strand 2009 Ellipsoidal 36° (6x9) – 1000W

1 – Lycian Midget follow spot – 2000W (powered by a 20 amp dimmer set to non-dim)
5 – Martin MAC 250 Entours (extra charge)

The theatre has a basic lighting hang of:

3 color top light
2 color front light
2 sets of crossing on stage tips

Sound System:

Mic, line and speaker plugs distributed throughout the theatre.
All patch bays, routing and amplifiers are located in the control booth.

Mixing Consoles:

1 – Yamaha M7Cl digital console with meter bridge (set up centre of back row seating)
48 mic preamps
4 stereo inputs
16 outputs that may be configured as any of the console's 16 bus, 16 aux and 8 matrix outputs
The console has compression, gating and delay on all inputs and outputs
8 internal effect return units
8 internal 31 band graphic equalizers

1 – Yamaha DM 2000 digital console with meter bridge (available for in-house rental – monitor rig)
32 mic preamps
2 stereo inputs

E.A. RAWLINSON CENTRE FOR THE ARTS

12 outputs that can be configured as any of the consoles 8 bus, 12 aux, and 4 matrix outputs

The console has compression, gating and delay on every input and output

8 internal effects units

6 internal 31 band graphic equalizers

1 – Radial 50 pair 3 way split snake system (available for in-house rental – monitor rig)

Playback:

1 – Tascam CD-A700 cassette recorder, CD player combo unit

2 – Stanton S-550 dual CD player

1 – Stanton C501 dual CD player

Speakers:

Main PA

6 – Meyer UPA-1P self powered speakers (mounted around proscenium)

2 – Meyer UPA-1P (side fill)

2 – JBL SP 125S low frequency speakers

2 – JBL MS 26 front fills

Side Fills:

2 – JBL SP 225-9 (90) three-way full range speakers

Monitors:

8 – Yamaha CM15V 15” 2 way stage monitors

2 – JBL SP12M 12” 2 way stage monitors

Effects speakers:

2 – dB Opera MK2 two-way speakers (self-powered)

4 – JBL EON 1500 two-way speakers (passive)

Microphones/DI's:

7 – Shure Beta 58A

2 – Shure SM58

4 – Shure Beta 57A

E.A. RAWLINSON CENTRE FOR THE ARTS

- 2 – Shure SM57
 - 1 – Shure 55SH series 2
 - 4 – Crown PCC 160 floor mics
 - 4 – AKG C391 B cardioid Condenser mics (Blue line SE300B + CK 91 capsule)
 - Plus: 4 – CK 92 (Omni Directional Capsules)
 - 2 – CK 98 (Shotgun Capsules)
 - 1 – CVR lectern (Cardioid lectern capsule)
 - 2 – Sennheiser MD 421
 - 2 – Sennheiser e845
 - 1 – Sennheiser e902
 - 2 – Sennheiser e914
 - 4 – Sennheiser e904
 - 2 – Sennheiser e906
 - 1 – AKG D112
 - 1 – Audix TR-40 (reference)
 - 4 – Sennheiser Evolution 500 wireless hand-held microphones (extra charge)
-
- 2 – Klark Teknik active DI
 - 1 – Radial J48 active DI
 - 4 – Radial Pro DI passive
 - 2 – Cable Factory P1 DI pro passive
 - 2 – Rapco db 101SL passive DI
 - 1 – Radial Twin-Iso

Additional Equipment:

- 4 – Crown K1 power amplifiers (installed in booth rack)
- 3 – Crown K1 power amplifiers (in rolling amp rack)
- 1 – Ashley Protea EQ (4-28 band) slave and controller
- 1 – TC electronics M-one reverb unit
- 1 – TC electronics D-two digital delay
- 1 – DBX dual channel compressor
- Assorted mic stands
- 4 – round base mic stands
- Assorted mic cables, 2 Radial, 6 channel stage flea sub snakes
- All the various mic and speaker inputs throughout the theatre terminate at a patch-bay in the sound booth.

Back Line Equipment:

- Piano – 9’0” Yamaha CFIII Concert Grand Piano
- Roland RD700 electric piano
- Fender Twin guitar amp
- Gallien-Krueger 800RB base head (300 watts)
- Gallien-Krueger 410MBX base unit

E.A. RAWLINSON CENTRE FOR THE ARTS

Communications:

Clearcom 2 channel (six pin) headset system (main station located in the sound booth)

9 – 2 channel belt-packs and headsets

2 – 1 channel belt packs

30 outlets throughout the theatre

The theatre is equipped with an infrared hearing impaired system with 10 single channel receivers and batteries.

November 02, 2011

For detailed information, please contact the Technical Director:

Jim Hovdebo

(306) 765-1270

jim@earawlinsoncentre.ca

ERROR: undefined
OFFENDING COMMAND:

STACK: