

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 second 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 second 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 up stage wall – 38'-0"

Plaster-Line to down stage 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 off stage edge of the legs to the wall)– 4'-4"

Fly Information:

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 maybe used

Stage Drapes:

Main Curtain: manually operated from fly floor or traveled from main floor

Legs: 5 pairs of black Velour

Boarders: 5 black Velour

Blacks: one full stage blacks up stage behind cyclorama, the other is mid stage (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.

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No traps or elevator in the stage

Orchestra Pit:

The orchestra Pit is below 9 removable 420lbs. traps inside the thrust. There is access to the orchestra pit below the stage via the stairs on SL and SR.

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

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 20amp new configuration twist lock

The theatre uses ETC Net2 over a CAT 5e ethernet network through out the theatre.

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

1st FOH: 19

2nd FOH: 20

1st LX (DS): 20

2nd LX: 18

3rd LX: 18

4th 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:

Nick Beach

3-March-10

Version 4.3

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- 30 amps 3 phase up stage 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:

- 9- 6" Strand Fresnelite – 1000W, with barn doors
- 20 – 8" 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 2209 Ellipsoidal 36° (6X9) – 1000W

- 1 – Lycian Midget follow spot – 2000W (powered by a 20amp 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 DM2000 digital console with meter bridge (setup centre of back row seating)
 - 32 mic preamps
 - 2 stereo inputs
 - 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

Playback:

- 1 – Tascam CD-A700 cassette recorder, CD player combo unit
- 2 – Stanton S-550 dual CD player
- 1 – Stanton C501 dual CD player

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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 rang speakers

Monitors:

- 5 – Yamaha CM15V 15” 2 way stage monitors
- 2 – JBL SF12M 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
- 2 – Shure SM57
- 1 – Shure 55SH series 2
- 4 – Crown PCC 160 floor mics
- 4 – AKG C391 B cardioid Condenser Mics (Blue line SE300B + CK91 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 – Raidial 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

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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 cabinet

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.

For detailed information please contact the Technical Director - Nick Beach (306) 765-1270,
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