

# TECHNICAL EQUIPMENT INFORMATION– *THE NORMAN ROTHSTEIN THEATRE*

Updated: September 2016

## Stage Specifications:

**Stage Dimensions:** Proscenium to upstage traveler 22'0" deep by 35'0" wide  
**Apron Dimensions:** The apron down stage edge is curved: 35'0" by 11'0" at center – 7'3" at proscenium edge/stairway  
**Proscenium Arch:** 20'0" high by 35'0" wide  
**Backstage Crossover:** 35'0" by 7'6", narrowing to 3'0" at ¼ mark stage left  
**Wing space is limited**

### Loading bay:

Is located upstage left, 3 feet (0.9m) above stage level, at ground level.  
Loading door dimensions are 14'0" (4.3M) tall by 10' 0" (3.5m) wide.  
There is a lift available to lower heavy objects to stage level.  
There is **NOT** a truck height loading area.

### Auxiliary Power:

A 200 Amp, 120 v, 3 phase cam lock connection is available downstage left.

### Stage Surface:

Sprung stage floor, with a painted black masonite surface  
Safety lights are installed along the apron edge

### Masking:

The main drape (traveler) and main border are navy blue.  
3 sets of legs and borders are black.  
Midstage and upstage travelers are black.  
White Cyclorama occupies the upstage most hanging position.

### Dressing Rooms: 3 in total

There are two large and bright dressing rooms with mirrors, make-up lights, washrooms and shower facilities.  
They are located backstage left and up a flight of stairs. Capacity of 15 adults each  
The new deck level dressing room is wheelchair accessible and has mirrors and make up lights. There are no toilets on the stage level.  
It is located upstage centre behind the backstage crossover. Capacity of 3 adults.

### Stage Accessories:

Steinway A Grand Piano, a tuning is included with every rental \*\*\*  
Wenger Acoustic Shell, off white. There are four panels \*\*\*  
Black Rosco dance floor .The panels are 5'3" wide. 5 panels cover the stage area. \*\*\*  
Other: Lectern with microphone, Conductor's Podium with wheels, Stair Plugs, Chairs, Stools, Props tables, 9 black music stands with music stand lights, drum carpets, risers\*\*\*

## Projection:

We feature a Sanyo PLC-XP57L\*\*\* video projector, with a 20'x 14' retractable projection screen.  
The distance from projection position to the screen is 43' 6".  
Connector types include VGA, S- Video, DVI, Component and RCA.  
This setup 5500 lumens and is suitable for movies and power point presentations.

Also available by advanced request is a portable Samsung SP-F10M\*\*\* and 5' portable screen.  
This setup is 1000 lumens and suitable for subtitles.

### Other available projection equipment:

- 1 Century 35 mm projector w/ tower\*\*\*
- 1 Kodak Ektagraphic III Slide Projector, 100 - 150 zoom lens
- 1 Yamaha BD-A1020 Blue Ray / DVD Player
- 1 Toshiba DVD / VHS deck
- 2 Overhead projectors

\*\*\* Extra rental cost applies. Please see rate sheet for details.\*\*\*

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## Lighting:

**Lighting plot, instrument schedule, and magic sheet are available upon request.**

**Console:** ETC Ion, 80 faders, IRFR and ARFR ready, Gateway option is available for moving lights.

**Dimmers:** 2 ETC sensor + 2.4Kw dimmer racks 192 dimmers, 188 available dimmers.

All Circuits are 20amp Twistlock. There is one repeating circuit.

### Fixtures:

- 43 Source 4 Ellipsoidal Bodies, 575w
- 16 Source 4 – 50 deg lens tubes
- 20 Source 4 – 36 deg lens tubes
- 6 Source 4 – 26 deg lens tubes
- 4 Source 4 – 19 deg lens tubes
- 37 Par 64 1000w, contact for available lamps
- 30 Colortran 6” Fresnels, 1000w
- 30 Colortran 5/50 Series 30 Ellipsoidal, 575w
- 15 Altman 360Q - 6x9 Ellipsoidal, 750 w
- 14 Altman 360Q - 6x12 Ellipsoidal, 750 w
- 8 Altman 360Q - 6x16 Ellipsoidal, 750 w

### Accessories:

- 8 Chroma-Q Plus Gel Scrollers (fits Source 4)
- 2 Rosco I-Cue Intelligent Mirrors (fits Source 4)
- 6 Source 4 irises
- 16 Gobo Holders for Source Four
- 7 Gobo Holders for Colortran 5/50
- 13 Gobo holders for Altman 360 Q
- 15 Barn doors for 6” Fresnel

### Hardware:

- 8 8 ft. boom pipes on round cast iron bases
- 12 Wooden floor plates
- 25 Sand Bags

### Effects:

- 1 DF-50 Hazer\*\*\*

Lighting positions	Circuit Distribution	Dimmer Numbers
City Pipe	Circuits from FOH positions	Shared, FOH
1 <sup>st</sup> FOH -Catwalk	32 circuits – 32 outlets	33-66
2 <sup>nd</sup> FOH -Catwalk	34 circuits – 34 outlets	1-32 (Dim 13 work light)
Booth Window rail	6 circuits – 6 outlets	183-189
SL and SR Pocket, Light ladders	6 circuit Soca cable to 1 <sup>st</sup> FOH	Shared, 1 <sup>st</sup> FOH
1 <sup>st</sup> LX pipe	24 circuits – 24 outlets	67-90
2 <sup>nd</sup> LX pipe	24 circuits – 24 outlets	91-114
3 <sup>rd</sup> LX pipe	24 circuits – 24 outlets	115-138
4 <sup>th</sup> LX pipe	24 circuits – 24 outlets	139-162
SL floor	10 circuits – 16 outlets	163-172
SR floor	10 circuits – 20 outlets	173-182
In booth	1 circuit – 1 outlet	189
House lights	3 circuits – hard wired	190-192

### Headsets:

- 1 Clearcom CS222 Main station
- 6 Clearcom RS-501 Belt packs
- 7 Clearcom CC-85 single muff headsets
- 1 Inter-M PA4000 - Paging and program sound distribution amp. Lobby, Stage, Dressing rooms

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## Audio:

House mixing position is at the back of house left or in the tech booth

**Primary Digital Console:** Allen and Heath I Live T112 surface 12inputs/ 10 outputs with an IDR 32 Mix Rack 32inputs/16 outputs

**Primary Analog Console:** Allen&Heath GL2200 24 chan / 4 group / L/R mains / 6 aux

**Secondary Console:** Soundcraft Delta SR 8 chan/ 4 group/ LR mains/ 4 aux

## Effects and Processing:

1 Ashly Protea System II 4.24c Digital Processor (installed)

1 Ashly GQX 3102 stereo graphic equalizer

2 DOD 231QX stereo graphic equalizer

1 DBX 166XL Compressor/Limiter

1 Yamaha SPX900 effects processor

1 Sabine SL-820 feedback eliminator

1 TC Electronics M1 XL reverb

## House Speakers:

3 Mackie SRM450 powered speakers-Mains

2 EAW SB180 subwoofers

2 EAW UB42 Under balcony speaker

**Permanent Monitors – Grouped as downstage pair and upstage pair. Used in independently or patched to consoles.**

4 EV Zx3-90-b

## Moveable Monitors

2 EV FM-12C Stage Monitors

4 EAW SM129z Stage Monitors

4 EV ZLX 12-P Powered monitor speakers

## Amps:

1 QSC PLX2402 Amplifier (subwoofer)

2 QSC USA 1300 Amplifier, 2 channels (stage monitor)

1 QSC USA 370 Amplifier (booth monitor)

1 Crest CPX-1500 Amplifier (under balcony fill)

1 EV Q99 power Amplifier (Permanent monitors)

## Playback:

1 Tascam CD A700 CD/Cassette player

1 Tascam CD 01-US CD player

1 Marantz pro CDR 510 cd/mp3 CD recorder

1 Tascam 122R Cassette Player

1 Tascam MD 350 Mini Disc Player

## Wired Microphones and DI's:

2 Audio-Technica Pro 35 microphones

2 Audio-Technica Pro 37 microphones

3 Crown PCC-160 microphones

1 Shure Beta 52A microphone

4 Shure SM58 microphones

2 Shure Beta 58 microphones

5 Shure SM57 microphones

1 Shure SM 99 microphone

1 Sennheiser MD521 microphone

2 Sennheiser P6K shotgun mics (Omni and hyper-cardioid capsules)

4 AKG 535 cardioid condenser mics

1 Shure MX412S/C (podium mic)

1 Audio-Technica 49 QL (podium mic)

2 Active DI's

4 Passive DI's

3 2 channel Computer / Electronics Di's

## Wireless Microphones: 5 channels available \*\*\*

2 channels Shure UXPL 2 handheld Microphones **or** 2 belt packs with choice of lapel or over-ear microphones

3 channels Audio 2000's 2 belt packs with lapel microphones, **or** 2 handheld microphone

## Stands:

16 Tripod Boom mic stands (tall)

4 Tripod Boom mic stands (short)

4 Table mic stands

3 Guitar Stands

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