

# TECHNICAL EQUIPMENT INFORMATION– *THE NORMAN ROTHSTEIN THEATRE*

March 2013

## 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:

There are two large private dressing rooms (15 per. capacity each) with mirrors, make-up lights, washrooms and shower facilities. They are located backstage left and up a flight of stairs.

### 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, Chairs, Stools, Props tables, 9 black music stands w/ 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 4000 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.

**Primary Console:** ETC Ion, 80 faders

**Alternate Console:** ETC Express 48/96

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

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

### Fixtures:

- 39 Source 4 Ellipsoidal Bodies, 575w
- 16 Source 4 – 50 deg lens tubes
- 16 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
- 9 Altman 360Q - 6x12 Ellipsoidal, 750 w
- 10 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 position	Circuit Distribution	Dimmer Numbers
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 – 20 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:

**Primary Console:** Allen&Heath GL2200 24 chan / 4 group / L/R mains / 6 aux  
Located house left at the back of house

**Secondary Console:** Soundcraft Delta SR 8 chan/ 4 group/ LR mains/ 4 aux  
Located in technical booth

## 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

## Monitors

- 2 EV FM-12C Stage Monitors
- 4 EAW SM129z Stage Monitors

## 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)

## 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
- 1 Otari MX50N reel to reel 1/4" tape deck

## Wired Microphones and DI's:

- 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 Computer / Electronics Di's

## Wireless Microphones: 8 channels available \*\*\*

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