

TECHNICAL EQUIPMENT INFORMATION– *THE NORMAN ROTHSTEIN THEATRE*

Updated: August 2020

Stage Specifications:

Stage Dimensions: Proscenium to upstage traveler 25'0" 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 3'0"
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. This lift can only be operated by an NRT Technician
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 medium navy blue.
3 sets of legs and borders are black.
Midstage and upstage travelers are black velour. Upstage Velour traveler can have zero fullness.
White Cyclorama occupies the upstage most hanging position. Not easily adjustable.

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 center behind the backstage crossover. Capacity of 2 adults.

Stage Accessories:

Steinway A Grand Piano, a tuning is required and 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 (4' x 4', 4' x 8', 2' x 8')***

Fly System: *(please note we are not a full fly house i.e Pipes can be flown in but not out)*

We have one pipe, CS, that is free
All pipes can be brought in to approx. 4' off of the ground and can be flown out approx. 2' above proscenium height

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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 inside technical booth for spotlights.

Fixtures:

- 39 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
- 28 Colortran 6” Fresnels, 1000w
- 30 Colortran 5/50 Series 30 Ellipsoidal, 575w
- 16 Altman 360Q - 6x9 Ellipsoidal, 750 w
- 10 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
- 12 Gobo Holders for Source Four
- 5 Gobo Holders for Colortran 5/50
- 16 Gobo holders for Altman 360 Q
- 20 Barn doors for 6” Fresnel

Hardware:

- 8 8 ft. boom pipes with round cast iron bases
- 11 Wooden floor plates
- 23 Sand Bags

Adapters and DMX: ** note this does not include adapters and DMX already in the house hang*

- 9 Female u-ground to Male twist adaptor
- 6 male u-ground to Female twist adaptor
- 5 twistlock twofers
- 4 4-pin DMX
- 1 50’ 5-pin DMX

Effects:

- 1 DF-50 Hazer***

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Booth	1 non dim	
Booth Window rail	6 circuits – 6 outlets	183-189
2 nd FOH -Catwalk	34 circuits – 34 outlets	1-32 (Dim 13 work light)
1 st FOH -Catwalk	32 circuits – 32 outlets	33-66
City Pipe	Circuits from FOH positions	Shared, FOH
SL and SR Pocket, Light ladders	6 circuit Soca cable to 1 st FOH	Shared, 1 st FOH
1 st LX pipe	24 circuits – 24 outlets	67-90
2 nd LX pipe	24 circuits – 24 outlets	91-114
3 rd LX pipe	24 circuits – 24 outlets	115-138
4 th 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

Projection:

We feature a NEC NP-PA803UL-41ZL laser projector (with standard lens) ***, with a 20'x 14' retractable projection screen.

The distance from projection position to the screen is 43' 6".

The distance from projection position to the cyclorama is 66'.

Connector types include VGA, 2 HDMI ports, and Display port.

This setup is ~8000 lumens.

Also available with advanced request is a portable Samsung Epson LCD H846A*** and 5' portable screen.

This setup is 1000 lumens and suitable for subtitles.

We also have a Sanyo PLC-XP57L***

This Setup is ~4500 lumens and suitable for power point presentations and subtitles

Other available projection equipment:

- 1 Century 35 mm projector w/ tower (For PLC-XP57L)***
- 1 Kodak Ektagraphic III Slide Projector, 100 - 150 zoom lens
- 1 Yamaha BD-A1020 Blue Ray / DVD Player

Headsets:

- 1 Clearcom CS222 Main station
- 7 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

Other:

- 1 Inferred Camera – aimed at stage from inside booth (can not be used with hazer)
- 1 Mac Mini mid 2015

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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

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
- 1 Ashly GQX 3102 stereo graphic equalizer
- 2 DOD 231QX stereo graphic equalizer

Effects and Processing: *(available but not installed)*

- 1 Yamaha SPX900 effects processor
- 1 DOD 231QX stereo graphic equalizer

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
- 7 EV ZLX 12-P Powered monitor speakers

Amps:

- 1 QSC PLX2402 Amplifier (subwoofer)
- 1 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 01-US CD player
- 1 Marantz pro CDR 510 cd/mp3 CD recorder

Wired Microphones and DI's:

- | | | | |
|---|-----------------------------------|--|--|
| 2 | Audio-Technica Pro 35 microphones | 1 | Seinheiser MD 521 microphone |
| 2 | Audio-Technica Pro 37 microphones | 2 | Sennheiser P6K shotgun mics (Omni and hyper cardioid capsules) |
| 3 | Crown PCC-160 microphones | | |
| 1 | Shure Beta 52A microphone | 4 | AKG 535 cardioid condenser mics |
| 4 | Shure SM58 microphones | 2 | Active DI's |
| 3 | Shure Beta 58 microphones | 4 | Passive DI's |
| 5 | Shure SM57 microphones | 3 | 2 channel Computer / Electronics Di's |
| 2 | Shure UXPL | 2 handheld Microphones or 2 belt packs with choice of lapel or over-ear microphones (J1 Band) | |
| 2 | Shure PGX | 2 belt packs with choice of lapel or over-ear microphones | |

Stands:

- 19 Tripod mic stands (tall)
- 2 Tripod mic stands (short)
- 4 Table mic stands (1 additional Base)
- 2 Speaker Stands
- 2 Guitar Stands

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- 1 Keyboard Stand
- 6 baseplate mic stands

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