

# NEW YORK STATE THEATER

## TECHNICAL SPECIFICATIONS

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2/14/2007

# GENERAL INFORMATION

Mailing Address: New York State Theater  
20 Lincoln Center  
New York, NY 10023

Stage Door Entrance: 62<sup>nd</sup> and Columbus Avenue

## DIRECTIONS

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### By Vehicle:

Lincoln Center is on the Upper West Side of Manhattan, between W. 62<sup>nd</sup> and 65<sup>th</sup> Streets and Columbus and Amsterdam Avenues. Approach to the Loading Dock is on the southwest corner of the facility on 62<sup>nd</sup> Street. The Lincoln Center parking garage is located nearby.

### By Subway:

1 Local (Red line) to 59<sup>th</sup> Columbus Circle or 66<sup>th</sup> St./Lincoln Center Station.  
A, C (Blue line) or B, D (Orange Line) to 59<sup>th</sup> St. Columbus Circle.

### By Bus:

The M5, M7, M10, M11, M66 and M104 bus lines all stop within one block of Lincoln Center.  
For bus and subway information, call the Travel Information Bureau at 718-330-1234, 24 hours a day.



## TELEPHONE NUMBERS

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General Reception:.....	212-870-5500	
General Reception Fax: .....	212-870-4285	
Box Office Information:.....	212-870-5570	
Box Office Fax: .....	212-870-5693	
Stage Door: .....	212-870-5569	
Lost & Found Office: .....	212-870-5569	
Managing Director:..... Mark Heiser .....	212-870-5505	
House Manager: .....	Jacqueline Mooney.....212-870-5567	
Assistant House Manager:.....	Mari Eckroate .....	212-870-5568
Office Manager: .....	Lynn Cohen.....	212-870-5699
Head Carpenter: .....	Frank Lavaia .....	212-870-5529
Head Electrician: .....	Thomas Maher .....	212-870-5530
Head Properties: .....	Leonard Simoncek .....	212-870-5546
Sound: .....	Abe Jacob .....	212-870-5536
Treasurer: .....	Edward Doolan .....	212-870-4260
Chief Engineer: .....	Edward J. Gebel .....	212-870-4251
Subscription Administrator: .....	Nadia Stone .....	212-870-5580
Parking Garage at Lincoln Center .....	212-874-9021	
Handicapped Parking Reservations:.....	212-721-6500	

# THE THEATER

## KEY DIMENSIONS

### Proscenium Opening

Width	55'-8"	16.97 m
Height	39'-0"	11.90 m

### Standard Portal Opening Width

From	44'-0"	13.40 m
To	50'-0"	15.24 m
Max. Portal Height (limit of light bridge)	36'-8"	11.18 m

### Grid Height

From stage floor to top of grid)	90'-0"	27.40 m
Grid Height Under Clearance (from stage floor to underside of grid)	88'-8"	27.00 m
Max. Batten "Out" Height (from stage floor)	84'-6"	25.75 m
Min. Batten "In" Height (from stage floor)	4'-0"	1.22 m

### Curtain Line to:

Back Wall	53'-9"	16.40 m
Front of Stage (at center)	5'-6"	1.65 m
Last Line Set	52'-3"	15.90 m
First Line Set	2'-9"	0.80 m
Smoke Pocket	2'-3"	0.70 m

### Center Line to:

Stage Left Wall (down stage)	75'-0"	22.90 m
Stage Left Wall (up stage)	35'-0"	10.67 m
Stage Right Wall (down stage)	75'-0"	22.90 m
Stage Right Wall (up stage)	37'-0"	11.28 m
Stage Left Fly Gallery	35'-0"	10.70 m
Stage Right Fly Gallery	33'-0"	10.00 m
Clearance under Galleries	28'-0"	8.50 m

### Orchestra Pit

Width	65'-0"	19.80 m
Rail to Pit Wall (at center)	21'-8"	6.60 m
Rail to Apron Overhang (at center)	17'-6"	5.34 m
Stage Floor to Trap Room Floor	10'-11"	3.33 m
Pit Depth From Pit Floor to Stage Floor (Note: Pit height is NOT adjustable; Pit Filler is available for use)	7'-4"	2.23 m
Clearance under Stage	5'-10"	1.78m
Clearance under SL & SR apron platforms	6'-9"	2.05m

### House Fly System

Typical Batten Length (truss pipes)	60'-0"	18.30 m
Electric Batten Length	47'-0"	14.33 m
Typical Batten Spacing (on centers)	4.5"	11 cm

## LINE SET SCHEDULE

Line	Distance to Smoke Pocket Steel		Line	Distance to Smoke Pocket Steel		Line	Distance to Smoke Pocket Steel	
#	English	Metric	#	English	Metric	#	English	Metric
1	0'-6 1/2"	0.17m	34 <sup>5</sup>	18'-7"	5.66m	69	34'-4 1/4"	10.47m
2	0'-9 1/2"	0.24m	35 <sup>6</sup>	19'- 3/4"	5.81m	70	34'-9"	10.59m
3	1'-2 1/2"	0.37m	36	19'-7"	5.97m	71	35'-1 1/4"	10.70m
3A <sup>1</sup>	1'-9 1/2"	0.55m	37	19'-11 3/4"	6.09m	72	35'-5 3/4"	10.81m
3B <sup>2</sup>	4'-2 1/2"	1.28m	38	20'-4 1/2"	6.21m	73	35'-10 1/2"	10.93m
4	5'-10 1/2"	1.79m	39	20'-8 3/4"	6.32m	74	36'-3 1/4"	11.06m
5	6'-1/4"	1.84m	40	21'-1 3/8"	6.44m	75	36'-7 3/4"	11.17m
6	6'-4 1/2"	1.94m	41	21'-6"	6.55m	76	37'- 1/4"	11.28m
7	6'-8 3/4"	2.05m	42	21'-10 1/4"	6.66m	77	37'-5"	11.40m
8	7'-3 1/4"	2.22m	43	22'-3 1/4"	6.79m	77A <sup>11</sup>	38'-10"	11.84m
9	7'-7 1/4"	2.32m	44	22'-8"	6.91m	77B <sup>12</sup>	41'-10"	12.75m
10	7'-11 3/4"	2.43m	45	23'- 1/2"	7.16m	78	42'-3"	12.88m
11	8'-4 1/4"	2.55m	46	23'-5"	7.14m	79	42'-7 1/2"	12.99m
12	8'-9"	2.67m	47	23'-9 3/8"	7.25m	80	43'- 1/4"	13.11m
13	9'-1 3/4"	2.79m	48	24'-2 1/4"	7.37m	81	43'-5"	13.23m
14	9'-6"	2.90m	49 <sup>7</sup>	25'-9 1/2"	7.86m	82	43'-9 1/2"	13.35m
15	9'-10 3/4"	3.02m	50 <sup>8</sup>	26'-1 3/4"	7.97m	83	44'-2"	13.46m
16	10'-3 1/2"	3.14m	51	26'-6 1/4"	8.08m	84	44'-6 1/2"	13.58m
17	10'-8 1/4"	3.26m	52	26'-10 1/2"	8.19m	85	44'-11 1/2"	13.70m
18 <sup>3</sup>	11'-2"	3.40m	53	27'-3"	8.31m	86	45'-3 3/4"	13.81m
19 <sup>4</sup>	11'-8"	3.56m	54	27'-7 1/2"	8.42m	87	45'-8 1/4"	13.93m
20	12'- 3/4"	3.68m	55	28'- 1/2"	8.55m	88	46'-1"	14.05m
21	12'-5 3/4"	3.80m	56	28'-4 1/4"	8.64m	89	46'-5 1/2"	14.16m
22	13'-2"	4.01m	57	28'-9 1/4"	8.77m	90	46'-10 1/4"	14.28m
23	13'-6"	4.11m	58	29'-1 3/4"	8.88m	91	47'-2 3/4"	14.40m
24	13'-10 1/4"	4.22m	59	29'-6 1/4"	9.00m	92	47'-7 1/4"	14.51m
25	14'-2 3/4"	4.34m	60	29'-11 1/2"	9.13m	93	47'-11 3/4"	14.93m
26	14'-7"	4.44m	61	30'-3 3/4"	9.24m	94	48'-4 1/2"	14.74m
27	14'-11"	4.55m	62	30'-8 1/2"	9.36m	95	48'-9 1/4"	14.87m
28	15'-3 1/4"	4.65m	63	31'-1 1/4"	9.48m	96	49'-1 3/4"	14.98m
29	15'-7 1/2"	4.76m	64 <sup>9</sup>	32'-2 1/4"	9.81m	97	49'-6 1/4"	15.09m
30	15'-11 3/4"	4.87m	65 <sup>10</sup>	32'-8 1/4"	9.96m	98	49'-11"	15.21m
31	16'-4 1/4"	4.98m	66	33'-2 1/2"	10.12m	99	50'-3 1/4"	15.32m
32	16'-8 1/4"	5.09m	67	33'-7"	10.24m			
33	17'-1"	5.21m	68	33'-11 1/2"	10.35m			

### NOTES:

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|--|---|
| <sup>1</sup> No. 3A – DS of DS Bridge                      | <sup>7</sup> No. 49 – 4 <sup>th</sup> Electric Spot Light   |
| <sup>2</sup> No. 3B – US of DS Bridge                      | <sup>8</sup> No. 50 – 4 <sup>th</sup> Electric Strip Light  |
| <sup>3</sup> No. 18 – 2 <sup>nd</sup> Electric Spot Light  | <sup>9</sup> No. 64 – 5 <sup>th</sup> Electric Spot Light   |
| <sup>4</sup> No. 19 – 2 <sup>nd</sup> Electric Strip Light | <sup>10</sup> No. 65 – 5 <sup>th</sup> Electric Strip Light |
| <sup>5</sup> No. 34 – 3 <sup>rd</sup> Electric Spot Light  | <sup>11</sup> No. 77A – DS of Cyc Bridge                    |
| <sup>6</sup> No. 35 – 3 <sup>rd</sup> Electric Strip Light | <sup>12</sup> No. 77B – US of Cyc Bridge                    |

## CARPENTRY

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### Stage Floor

The stage floor is constructed using a "sprung basket-weave" technique with two layers of tongue and groove yellow pine flooring over a three-layer "basket-weave" of yellow pine sleepers. The floor is covered with permanent black linoleum. The floor is excellent for dance.

### Stage Floor Traps

The floor's special construction limits the location of stage traps. There are several existing traps that can be used. Consult the Head Carpenter for further information.

### Vinyl Dance Floor

Visiting companies requiring a "Marley/Vinyl" type dance floor should provide their own.

### Freight Elevator

There is a freight elevator off the loading dock area on stage level. It is 21'-0" (6.65m) long x 10'-10" (3.30m) wide x 9'-5" (2.87m) high. It goes from stage level to the Main Rehearsal Hall on the 5th floor, the Carpentry Shop on the Lower Concourse Level and the Sub-Basement Level.

### Description of Portal

The Down Stage Lighting Bridge has masking built onto it that forms an adjustable hard portal header with a reveal. The bridge can be lowered to the deck and has a maximum out-trim height of 36'-8" (11.18m) from the stage deck to the lowest point of the reveal. There are NO house hard portal legs.

### House Curtain

The House Curtain is a variable speed, electrically operated, guillotine-type curtain. There is an overlapping split at center to allow front-of-curtain "page" bows. The curtain is gold colored brocade fabric. The fastest curtain travel time from deck to full-out position is approximately eight seconds. The curtain is controlled from down stage right next to the Stage Manager's Desk. The operation of the curtain is handled by the Electric Department.

### House Masking Curtains

The Theater does not own house masking curtains. All borders and legs are owned and managed by the New York City Opera or New York City Ballet and may be subject to availability.

### Scenery Storage

Scenery Storage is available in the wings and on the loading dock.

The Stage Right Wing is approximately 40'-0" (12.10m) x 35'-0" (10.60m).

The Stage Left Wing is approximately 40'-0" (12.10m) x 35'-0" (10.60m).

The Loading Dock is 35'-10" (11.90m) x 19'-3" (5.86m).

### Bottom Pipe

There is approximately 50: 60'-0" (18.30m) lengths of bottom pipe available for drops and scrims. It is 3/4" (1.9 cm) outside diameter. Bottom pipe is subject to availability.

## Fly System

There are 99 counterweight line sets in the house. Sets 1-50 are double purchase. Sets 51-99 are single purchase. The cables are spaced on center line, and at 11'-0" (3.35m) and 22'-0" (6.70m) from center line. Most sets have 60'-0" (18.30m) long truss pipes. The truss is 1'-0" (30.5 cm) high and the pipe battens are 2" (5.08 cm) outside diameter. Line Sets 1, 2 and 3 are 64'-0" (19.50m) long, single pipe battens with seven lift cables, not truss pipes. The maximum batten capacity is 650 lbs (290 kg) per set. There is approximately 95,000 lbs (43,000 kg) of counterweight available. The grid is 90'-0" (27.40m) high, from stage deck to walking surface of grid. The fly system uses under-hung loft blocks suspended from beams mounted above the grid. This leaves the grid floor clear for spot lines. It is 88'-8" (27.00m) from stage deck to the underside of the grid. The system battens travel from about 4'-0" (1.22m) off the stage deck to about 84'-6" (25.75m). This gives a batten travel of approximately 80'-6" (24.54m). The locking rail is located on a fly floor gallery 33'-6" (10.21m) above the stage deck on stage right. There are also pin rails for spot lines on both sides of the stage on galleries at 44'-6" (13.56m) above the stage deck. There are various block and falls, approximately 70 spot blocks and about 4,000 feet (1,200m) of hemp available. Bridges are electric winch.

## Fire Proof Certificates and Restrictions

All scenery brought into the New York State Theater must be flame-proofed and comply with all New York City and State fire and safety regulations. Certificates to prove compliance may be requested of visiting companies. There are strict regulations governing the use of pyrotechnical devices, flash, smoke and fire effects on stage. Please contact the theater manager well in advance if your production involves anything like this. All uses of such of effects are subject to the permission of theater manager and the New York City Fire Department. The Fire Curtain Line may NOT be blocked by any scenery under any circumstances.

## LIGHTING SYSTEM

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### Control

An ETC Obsession control board is located in the control booth at the rear of the orchestra level. It can control a maximum of 1536 channels and 1536 dimmers. It is capable of storing 1000 cues. It also has 48 manual submasters. The Obsession outputs a DMX-512 control signal, and all house dimmers are driven via DMX-512.

### Follow Spots

There are four Robert Juliat 2500w followspots permanently mounted in the booth.

## DIMMERS

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No.	Capacity	Location
200	10k	Switchgear room
96	2.4k	Stage Right
96	2.4k	Stage Left
24	2.4k Ground row dimmers	Upstage Right
12	2.4k	Projection booth 2nd floor.

## LIGHTING INVENTORY

Instrument	Total Available
ETC Source 4, 5 degree; 575w (Profile Spot)	10
ETC Source 4, 10 degree; 575w (Profile Spot)	135
ETC Source 4, 19 degree; 575w (Profile Spot)	100
ETC Source 4, 26 degree; 575w (Profile Spot)	350
ETC Source 4, 36 degree; 575w (Profile Spot)	100
Border Lights R40 300w, 4 Color, 16 light	24 on Border pipes
T-3 Strip Lights 500w, 3 Color, 6 light	5
6" Fresnel 750w	4
8" Kliegl Fresnel 2kw	20
8" Mole Fresnel 2kw	12
20" Scoop Flood 1kw	12
Colortran Multibroad Flood 1kw	8

Totals include the permanently mounted front-of-house equipment. Consult Master Electrician for availability of Misc. stands, floor bases, top hats, drop in irises, side arms and other hardware.

## LIGHTING POSITIONS

The FOH positions have a standard hang which may be altered under special circumstances as discussed with the Master Electrician. An assortment of FOH circuits is available for connection to road dimmer boards via a transfer panel in the Patch Room down stage right.

### Auditorium Bridge

28-ETC Source 4 10 degree, 575w. Mounting pipe width: 60'-0" (18.00m). Throw to down stage 120'-0" (37.00m). 12 circuits to road transfer.

### Far Cove

9-ETC Source 4 10 degree, 575w per side. Mounting pipe width 10'-0" (3.00m) each side of center, split into two coves. Throw to down stage 95'-0" (29.00m). 8 circuits to road transfer.

### Near Cove

9-ETC Source 4 10 degree, 575w per side. Mounting pipe width 10'-0" (3.00m) each side of center, split into two coves. Throw to down stage 80'-0" (24.00m). 6 circuits to road transfer.

### Box Booms

Split left and right. Located under the fourth, third and second ring. Mounting pipe width 5'-0" (1.50m) mounted horizontally. 24 circuits to road transfer.

Top: 4- ETC Source 4 19 degree; 575w. Throw to down stage center 58'-0" (17.70m).

Middle: 4- ETC Source 4 19 degree; 575w. Throw to down stage center 51'-0" (15.50m).

Bottom: 4- ETC Source 4 36 degree; 575w. Throw to down stage center 46'-0" (14.00m).

## Footlights

10- Fixed T-4 150w Quartz, 12 light 3-color strips. Glass color in red, blue, amber, light blue, green and clear is available. Each strip can be covered when not in use.

## Curtain Wash

There is a permanent set of Curtain Wash Lights.

## Downstage Light Bridge

This position can accommodate short throw follow spots provided by road companies (see drawing).

## 5 - Fixed Electrics

Electrical battens are 47'-0" (14.33m) long and may be extended by 3'-0" (0.90m) each side, weight permitting. Also includes Downstage Bridge (See Line Schedule for position).

## 5 - Fixed X-Rays

5- Border Lights each pipe, R40 300w, 4 color, 16-light. Includes Downstage Bridge (See Line Schedule for position).

## Upstage Cyc Lighting Bridge

(Permanently mounted Cyc Lighting) Strips with PS 500w lamps in 4 color circuits, and 10: T-3, 500w 6-light, 3 color circuit strips, (see drawing).

## Fixed Downstage Tormentor

One per side, with 2 vertical boom pipes.

## Light Ladders

4 per side. Ladders are seven rungs high and can hold three lamps across. (Note: there is a 5th ladder each side, but it shares circuits with the 4th, thus only 4 ladders a side can be used at once).

## Permanent Cyc Footlight Trough

Contains strips with PS 500w lamps. This pit is located 45'-1" (13.75m) up stage of the smoke pocket steel and is 57'-0" (17.40m) wide.

## PATCH PANEL

All connections are made with Kliegl Safe-Patch System.

Number	Description of breakers and outlets
1-13	3:20 amp, 3:50 amp
14-16	3:20 amp, 2:50 amp, 1:60 amp (with 50 amp connector)
17-36	3:20 amp, 3:50 amp
37-39	3:20 amp, 2:50 amp, 1:60 amp (with 50 amp connector)
40-60	3:20 amp, 3:50 amp
61	6:20 amp
62	5:20 amp, 1:20 amp (with 50 amp connector)
63-82	6:20 amp
83-85	5:20 amp, 1:20 amp (with 50 amp connector)
86-92	6:20 amp
93-94	3:20 amp, 3:20 amp (with 50 amp connector)
95-99	6:20 amp
100	5:20 amp, 1:20 amp (with 50 amp connector)
101-104	6:20 amp
105	5:20 amp, 1:20 amp (with 50 amp connector)
106-150	6:20 amp
151-173	3:30 amp (with 50 amp connector)
174	2:30 amp (with 50 amp connector), 1:30 amp (with 20 amp connector)
175-177	6:20 amp

### Non-Dims

1-5	3:20 amp, 2:50 amp
6-9	6:20 amp
10	6:20 amp
11	3:20 amp, 3:30 amp (with 50 amp connectors)
12	3:20 amp, 2:30 amp (with 50 amp connectors), 1:30 amp (with 20 amp connector)
SMP	(Stage Manager's Pass Thru, for extra cue light circuits) 6:20 amp

## OTHER ELECTRICS INFORMATION

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### Distribution of Circuits

All circuits use grounded 3 pin stage connectors, except the floor pockets which use 2 60 amp pin stage connectors located upstage center.

Down Stage Bridge- 80:20 amp, 8:50 amp

2nd Pipe- 24:20 amp

3rd Pipe- 24:20 amp

4th Pipe- 24:20 amp

5th Pipe- 24:20 amp

X-Rays- circuits are hard wired to dimmers in 4 color circuits per pipe.

Trusses- Approximately 18:20 amp (depending on how many have been used in other positions, i.e.. box booms, floor, etc.)

Ladders- Approximately 24:20 amp (12 that patch through a patch panel and 12 that are accessible through a multi-cable to auxiliary dimmer racks.)

Floor- There are a limited number of permanent floor circuits available, approximately 2 per wing, and an additional 6 along the back wall.

Additional 50 amp circuits are available. Consult Master Electrician for locations.

### Company Switch

There are 3 power tie-ins available on stage. For road dimmer racks there is a panel located up stage right in the wing with 400 amp 3Ø 220 VAC available. For sound or other lighter duty loads there is a panel up stage right with 60 amp 3Ø 220 VAC and a panel located up stage left with 60 amp 3Ø 220 VAC. All panels accept Cam-Lok connectors.

### Ladders and Genie Lifts

There is a large heavy duty lift capable of reaching a 36'-0" (11.00m) working height. This lift tends to be used for major focusing work. There are also two Genie Single Person Lifts each capable of reaching a 36'-0" (11.00m) working height. All lifts are electric/hydraulic. One A-Frame ladder is available, capable of reaching a 28'-0" (8.50m) working height. This ladder is not on a dolly. Several step ladders are also available in sizes ranging from 12'-0" (3.65m) to 3'-0" (1.00m).

### Projection Booth

There is a projection booth on the 2nd Ring Level on center line of the auditorium. The throw to the smoke pocket line is 108'-0" (32.90m). This booth can accommodate 2: 35mm motion picture projector setups. This booth can be used for super-title projection for foreign language operas. There is NO projection equipment in the house.

This booth is also often used as an additional front-of-house lighting position since the auditorium does not have a balcony rail. Approximately 10 instruments can be hung in the booth if there is no projection equipment being used. There are 12- 2.4kw dimmers available in the booth. There is a DMX-512 control line run to the booth from the ETC Obsession control board that may be used to drive road dimmers. Power available: 200 amps 3Ø 220 VAC.

## SOUND SYSTEM

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The Sound System includes a new state-of-the-art speaker, amplification, snake and head set systems. There is also an infra-red hearing impaired headset system in the house. The house speaker systems are built into the proscenium arch on either side of the stage. Riser diagrams and more detailed information can be obtained from the House Sound Man.

### Stereo Speakers

- 4th Ring – Meyers UM-1
- 3rd Ring – Meyers UM-1, Subwoofers Meyers 650R2
- 2nd Ring – Meyers UM-1
- 1st Ring – Meyers UM-1
- Orchestra – 2 Meyers UPA-1B

### Monaural Speakers

- Gallery – 2 Meyers UPA-1B
- 5th Ring – 2 Meyers UPM-1

### For Musical Theatre and Opera

- Apron "Fill" – 5 Meyers UPM-1 (Mounted on front edge of Stage)
  - Proscenium "Fill" – 4 Meyers UPM-1 (Mounted in reveal of Portal Header)
- There is also an older system of small speakers in the auditorium ceiling that may be used for special effects.

### Stage Monitors

- 4 – Meyers UPM-1 placed down stage left and right, and up stage left and right. There is also an older horn type speaker down stage left.

### House Mixing Positions

The house mixing board is located in a booth at the back of the orchestra on the auditorium center line. The booth has a glass window that may be opened for sound monitoring, however the booth is set back under a low balcony overhang. The console is a Yamaha PM 3000 40c with spare power supply. There are various snakes running from the booth to the orchestra pit and back stage. Alternate mixing positions can be accommodated in the house if advance arrangements are made. It is important to make arrangements for this as early as possible to insure that the seats taken up by this position are blocked off and tickets pulled. Mixers can be placed in the 3rd Ring, 4th Ring and main floor rear. The cable runs from the stage to these positions are no greater than 300' (91.00m). There are no permanent snakes in place at these positions. These alternate positions can ONLY be used by a road mixing board. The House Mixing board is permanently placed in the Sound Booth and CAN NOT be moved.

### Amplification and Signal Processing

- Processors: Meyers P1-A, B1-A, M1-A
- Delay Units: Yamaha DDL-3(full stereo)
- Equalization: Meyers CP-10 Dual Parametric
- Noise Reduction: 8 channels of DBX 150x type I
- Amplifiers: Crown Macrotec 1200, Crown Macrotec 2400
- Full Crown IQ 2000 computer interface with SM-6 sensing multiplexers and a custom load monitoring panel controlled by an MSDOS compatible 386sx computer.

## Other Sound Equipment

There are 2 Otari model 5050 B2 1/2 track 1/4" (6.35mm) reel to reel tape decks available in the booth. An assortment of microphones are available for announce mics. A cassette deck, DAT recorder and a CD player are also available in the Sound Booth. Please contact the House Sound Man for more specific details.

## Intercom System

The house intercom system is a complete ClearCom Matrix system that connects to all booths, rails and production areas of the theater. It includes 3: ICS 2000 Intelligent Stations for the stage manager's desk and tech tables and various biscuit speakers, headsets, belt packs, handsets, mics, etc. for the other stations in the system. Please see the Miscellaneous Stage Information section for a further description of the stage manager's desk and other cueing systems.

## MISCELLANEOUS STAGE INFORMATION

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### Stage Manager's Desk

The Stage Manager's desk is located down stage right.

### Cue Light System

There is a cue light signal system available at the Stage Manager's desk with moveable lights in various locations around the theater. These positions usually include the Fly Floor, Stage Left, Stage Right, the Trap Room and the Orchestra Pit.

### Paging and Dressing Room Monitor

There is a dressing room page system to the right of the Stage Manager's position to all dressing rooms. The page does NOT go to the rehearsal studios. There is an audio program monitor system that goes to all the dressing rooms.

### Video Monitor System

There are video monitors at the desk that show: a front-of-house view of the stage and a view of the conductor in the Orchestra Pit. There are also two monitors from the lighting control console.

### Tech Table

There is a tech table available in the house for technical rehearsals. There are connections located in row "J" for headsets, video monitors from the lighting console and "Director's Stage Page" mic.

### Production Office

There is no dedicated production office available in the house. If one is needed there is an open room approximately 14'-0" (4.26m) x 26'-0" (7.92m) on stage right at Stage Level that can be set up as an office; this room is subject to availability. Telephone service can be arranged with advance notice to set up billing procedures with the Theater Manager. A dressing room can also be used for this purpose if one is available.

### FAX and Copier Available

The theater's copy machine and fax machine may be used by arrangement with Theater Management.

### Prop Tables

There are folding chairs and folding prop tables available for use on the stage and in the wings. Consult the Property Master for exact details.

## Unions

All work on stage and some work on the Promenade is under the jurisdiction of IATSE Local One. Information on specific work rules, regulations and size of crews can be obtained from Theater Management.

## Work Light Rehearsals

Rehearsals may occur on stage under work lights without putting the crew on call, provided NO scenery, costumes, props or sound systems are used.

## DRESSING ROOMS AND WARDROBE

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### Size and Capacity of Rooms

#### Stage Level

Rooms 3-6	2 People	1 Shower	1 Toilet	2 Sinks
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#### 2nd Level

Room 7-14	2 People	1 Shower	1 Toilet	2 Sinks
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#### 3rd Level

Room 15	22 People	2 Showers	4 Toilets	4 Sinks
Room 16	14 People	1 Shower	2 Toilets	4 Sinks

#### 4th Level

Room 17	22 People	2 Showers	2 Toilets	4 Sinks
Room 18	12 People	2 Showers	3 Toilets	3 Sinks
Room 19	10 People	1 Shower	2 Toilets	3 Sinks
Room 20	18 People (Shares Facilities with Room 19)			

## Wardrobe and Laundry Facilities

There are wardrobe rooms on the 2nd, 3rd and 4th floor. The rooms have 2 large laundry sinks in each that can accommodate a hook-up for a road company's washer and dryer. Irons, ironing boards and sewing machines should also be supplied by the visiting company if needed. There is a coin operated washer and dryer on both the 5th and the 6th floors. These rooms are subject to availability.

## Performers and Staff Lounge

There is a lounge with vending machines on the Lower Concourse Level.

## Musicians Lounge

There is a lounge for Musicians located on the Concourse Level with rest rooms.

## Ice Machines

There are ice machines located on the 5<sup>th</sup> and 6<sup>th</sup> floor laundry rooms.

## ORCHESTRA PIT

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### Capacity

The Orchestra Pit can comfortably accommodate 60 musicians.

### Description

The Orchestra Pit is 65'-0" (19.80m) wide x 23'-0" (7.00m) from rail to back wall at center line. The stage floor overhangs the pit by 5'-6" (1.67m). There is 6'-9" (2.05m) clearance under the overhang. The pit floor is 7'-4" (2.23m) below the stage floor level. The pit height is NOT adjustable. Musicians may enter the pit through two doors from the beneath the stage on the Concourse Level.

### Stands and Lights

There are 52 lighted music stands and one Conductor's stand and podium available for the Orchestra Pit.

### Pit Piano

Visiting companies requiring a grand piano in the pit should make arrangements to bring in their own piano.

## REHEARSAL SPACES

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### General Information

The availability of all rehearsal halls is subject to the schedule of the two resident companies. All use of the rehearsal halls MUST be cleared through Theater Management and coordinated with the two resident companies. Some folding chairs and tables are available for use in these rooms. Please consult the Property Department for details.

### The Lower Concourse Rehearsal Rooms

There are two rehearsal rooms on the Lower Concourse. Both are 30'-9" (9.37m) x 38'-6" (11.73m). Room 1 has a sprung floor. Room 3 has wall mirrors, wall mounted ballet barres, and a sprung floor.

### The Orchestra Rehearsal Hall

The Orchestra Rehearsal Hall is also on the Lower Concourse. It is 20'-8" (6.30m) x 53'-6" (16.30m). It is equipped with acoustic panels. Music stands and chairs are usually available for this room.

### Rehearsal Pianos

There are pianos available in all the rehearsal rooms. An upright piano is available on stage for rehearsals.

### Ballet Barres

The State Theater does not have portable dance barres. Permanent barres are located on the wall of Rehearsal Rooms 1 and 3 located in the Lower Concourse.

## LOADING DOCK

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The Loading Dock can accommodate only one truck at a time. The main loading door will allow trailers up to 13'-6" (4.11m) high to back all the way into the dock. There is a load leveler ramp built into the dock to adjust to truck bed heights from 5'-10" (1.78m) to 3'-2" (0.97m).

All drivers should check in first at the stage door with the security guard, before pulling up to the dock. Trucks and busses parked next to the theater should NOT leave their engines idling as the building's main air intakes are located nearby.

There is an auxiliary door that opens on to a pedestrian walkway and does not have a permanent dock platform. If special advance arrangements are made a temporary platform can be built to allow a second trailer to be loaded via this door.

Tractor-trailer trucks must drop their trailer and remove the tractor to avoid blocking 62<sup>nd</sup> Street. Trucks may park along 62<sup>nd</sup> Street while waiting to unload or load, however long term parking is not allowed. Companies must make their own arrangements for truck parking during an engagement.

Between the Loading Dock and the Stage is a door that measures 12'-11" (3.94m) wide x 9'-8" (2.94m) high. There is a freight elevator off the loading dock area. It is 21'-0" (6.65m) long x 10'-10" (3.30m) wide x 9'-5" (2.87m) high.

## FRONT OF HOUSE

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### Seating Capacity

Orchestra	1,048
First Ring	337
Second Ring	306
Third Ring	304
Fourth Ring	686
Fifth Ring	32
Standing Room	42
<b>Total Capacity</b>	<b>2,755</b>

### Late Seating Policy

The Visiting Company can determine late seating accommodations that are appropriate to the particular production subject to approval by Theater Management.

### House Opening

The House opens to the audience at one half hour prior to the announced curtain time.

## DISPLAY CASES AND BANNERS

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Display cases and banners for advertising events at the New York State Theater are **subject to availability** and may involve additional fees for placement. Banners and other signage in the theater as well as placement on the Portico or other exterior parts of the facility are subject to prior approval. Exact dimensions, materials and placement should be coordinated with the Properties Department.

### Plaza Façade

The State Theater has 12 display cases that will accept a poster that is pre-mounted on foam core or other suitable material. The dimensions of the poster should be no more than 41" x 86" (1.04m x 2.18m).

### Columbus Avenue

The State Theater has 4 two sided display cases that will accept 2 posters each that are pre-mounted on foam core or other suitable material. The dimensions of the poster should be no more than 40" x 78 ½" (1.01m x 1.99m).

### Above Box Office

The area above the Box Office will accept a banner. The banner must be attached by Velcro. The area above the Box Office measures 32'-6" x 6'-2". Please contact the Properties Department for exact specifications and placement.

### Above Lobby Doors

The area above the Lobby Doors will accept a banner. The area above the Lobby Doors measures 6' x 5'-8". Please contact the Properties Department for exact specifications and placement.

### On Portico

A banner may be placed on the Portico of the State Theater facing the fountain on Lincoln Square. The dimensions of the banner should be no more than 30' x 6'-10" (9.14m x 2.08m).

### Ticket Price Signs

The Box Office will accept signage for ticket prices. The dimensions of the sign should be no more than 13" x 26" (33cm x 66cm).

# THE PROMENADE

The Promenade is a distinctive space for presenting receptions, parties, and other events. The Promenade features a gold leaf ceiling with large windows and a balcony facing the plaza of Lincoln Center. A security guard is on duty at all times in the lobby.

Room Size:	7875 sq ft.	731.61 sq m
Capacity:	1000 Cocktail	700 Dining Reception
Preferred Catering vendor:	Restaurant Associates	
Kitchen on Premises:	No	
In House Liquor Requirement	Yes	
Separate Reception Room	Yes (Green Room)	
Outdoor Reception Area	Yes (Portico)	
Live Music/DJ allowed	Yes	
A/V equipment available	Audio	
Coat Check	Yes	
Wheelchair Accessible	Yes	

## KEY DIMENSIONS

### Promenade

Stairwell to Stairwell	174'-6"	53.18 m
Statue to Statue	120'-0"	36.58 m
1 <sup>st</sup> Ring North to 1 <sup>st</sup> Ring South @ Centerline	44'-0"	13.41 m
1 <sup>st</sup> Ring North to 1 <sup>st</sup> Ring South @ House Left & Right	55'-0"	16.76 m
Floor to Promenade Ceiling	44'-9"	13.63 m
Floor to 1 <sup>st</sup> Ring Ceiling	8'-7"	2.65 m
Floor to 2 <sup>nd</sup> Ring Floor	11'-2"	3.38 m
Floor to 2 <sup>nd</sup> Ring Railing	14'-0"	4.27 m
Floor to 2 <sup>nd</sup> Ring Ceiling	19'-7"	5.94 m
Floor to 3 <sup>rd</sup> Ring Floor	22'-1"	6.73 m
Floor to 3 <sup>rd</sup> Ring Railing	25'-0"	7.62 m
Floor to 3 <sup>rd</sup> Ring Ceiling	30'-7"	9.32 m
Floor to 4 <sup>th</sup> Ring Floor	33'-1"	10.08 m
Floor to 4 <sup>th</sup> Ring Railing	36'-0"	10.97 m
Floor to 4 <sup>th</sup> Ring Ceiling	41'-6"	12.65 m

### Box Office Lobby

Staircase to Staircase	60'-5"	18.44 m
Front Door to Box Office	41'-1"	12.50 m
Staircase to Staircase, Upper Lobbies (Juice Bar)	30'-11"	9.41 m
Front Wall to Lobby Entrance, Upper Lobbies	41'-1"	12.50 m
Floor to Box Office Lobby Ceiling	15'-0"	4.57 m
Floor to Upper Lobby Ceiling (Juice Bar)	10'-6"	3.20 m