

APOLLO THEATER

Main Stage

TECHNICAL SPECIFICATIONS

June 2016

Harlem, New York

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APOLLO THEATER
253 West 125TH Street
New York, NY 10027
Main Office (212) 531-5300
(M-F 10:00AM 6:00PM)

AUDITORIUM SEATING CAPACITY

Orchestra	617
Lower Mezzanine	503
Upper Mezzanine	386
Orchestra Boxes	20
Lower Mess Boxes	12
SRO	40 (Availability depends on production and press needs)
TOTAL CAPACITY	1,578

LOADING FROM 126th STREET

Trucks can load/unload on W. 126th Street between Adam Clayton Powell and Frederick Douglass Boulevards. The stage is at street level.

TRUCK & BUS PARKING

Long term truck and bus parking must be prearranged and require permits from the city.

CATERING

Great Performances has the exclusive right to handle catering for all events at the Apollo. Please contact:
Ronnie Davis, ronnie.davis@greatperformances.com
Jeannie Modaff, jeannie.modaff@greatperformances.com

MAINSTAGE STAGE SPECIFICATIONS

DIMENSIONS

Proscenium Width:	36' 10" wide
Floor to Proscenium Opening:	28' 2"
At center line to the front of the apron:	4' 5"
Floor to Grid:	56' 5"
Proscenium wall to back wall:	29.5'
Plaster Linen to back wall length:	28'
Main Curtain:	30' high x 60' wide
Stage to Lighting Console (FOH):	52' 11"
Steps in front of stage:	EACH measures: 49" long x 42" wide x 35" high

FLY RAIL SYSTEM

Type: Single purchase Arbor system.

Pipe Quantity: Total fly rail consists of 34 pipes.

Weight Support: 800lbs supported per pipe. Any more weight than 800lbs must be flown with truss and motors.

LIGHTING TRUSSES

Truss # 1:	2' wide x 7' high x 45' long
Truss # 2:	2 ½' wide x 6 ½' high x 45 ½' long
Truss # 3:	2 ½' wide x 6 ½' high x 45' long

STAGE RISERS

(12) Staging Dimensions 4x8 Risers Available in multiple heights: 8", 16", 24"

LECTERN

4'1" high x 3' 5" wide x 1'4.5" deep

Front: 2' high x 2' wide

POWER

Basement Stage Right – (1) 200 amp cam-lock with ISO transformer and (2) 100 amps bare end

Stage Right Deck – (1) 100 amps cam-lock

Fly Loft Stage Right - (1) 100 amp cam-lock (2) 400 amp cam-lock

MAINSTAGE SOFT GOODS INVENTORY

QTY	ITEM	WIDTH	HEIGHT
8	Black Velour legs Note: All legs are 15'10" off center-line	20'	25'
3	Black Velour Borders	40'	10'
2	Black Small Borders	50'	2'
1	White Scrim	45'	24' 5"
1	Full Black Drape (Upstage)	45'	48'
	Grand Stage Drape Red (Guillotine)	60'	30'

MULTIMEDIA PROJECTOR

QTY	ITEM
1	Panasonic EX12KU- XGA LCD 12000 Lumen Projector w/2.6 – 3.5 zoom lens
2	Dell Laptops (for Power Point presentations only)
2	Toshiba DVD players
1	Octo Quattro Switcher with 4-input channels; Model: OTR401

MAINSTAGE SCREENS

All screens are front-projection:

ITEM	WIDTH	HEIGHT	Distance from projector position on the Lower Mezzanine to screen:	LOCATION	Suggested Lens
Screen 1: Perforated matte white Gain: approx. 1.0 Manufacture: MDI in Montreal	28'	16'	36' 6"	Located all the way downstage so it covers the entire width of the stage	1.5-2.0 zoom lens
Screen 2; For best results, the following is suggested: In-House Projector	14'	10.5'			

LIGHTING SYSTEM

CONSOLES

QTY	ITEM
1	Grand MA 2 Full
1	ETC ION
4	Color Monitors

DIMMER RACKS

QTY	ITEM
5	ETC Sensor 96x2.4K DIM RACK SP3-96

LIGHTING UNITS

QTY	ITEM
2	ETC Source Four- 5 degree
2	ETC Source Four- 10 degree
30	ETC Source Four- 19/26/36/50 degree
130	ETC Source Four PAR EA- PAR 56
54	PAR 64 (1K)

CYC UNITS

QTY	ITEM
12	Altman Focusing Cyc 1000W-FGT-QT4/4

MOVING LIGHTS

QTY	ITEM
2	High End System X-Spot (38 Channels per unit)
8	High End System Studio Spot CMY (29 Channels per unit)
8	High End System Studio Beam (16 Channels per unit)

FOLLOW SPOTS

QTY	ITEM
4	Lycian 3K Xenon

SOUND and COMMUNICATION SYSTEMS

d&b audiotechnik loudspeaker systems

QTY	ITEM
2	Midas PRO9 FOH & Monitor mixing consoles.
5	d&b D80 four channel digital signal processor/power amplifiers drive the Main Arrays, Subwoofers & Front Fills
9	d&b D12 dual channel signal processor/power amplifiers

The d&b FOH rig includes:

QTY	ITEM
10	box Left/Right V-Series Line Arrays [eight V8 above two V12 per side], with (2) J-Subs
1	J-INFRA Sub
4	E8 Front Fills under the Stage

Stage Monitor package:

QTY	ITEM
13	d&b M4 floor wedges
1	B4 Drum Subwoofer
2	Left/Right Side Fill stacks of a single Q7 + (2) QSubs per side

The Midas Pro9 mixing consoles feature:

QTY	ITEM
88	XL8 microphone pre-amps
70	Delay & phase corrected group/aux/matrix/monitor mix busses [35 per console], 10 VCAs, full Preset automation, equalization & dynamics on each input channel & output bus, and a wide range of digital effects plug-ins.

The Console system is fitted with KT DN9650 Network Bridges at each Control Surface

The Monitor Console includes a KT DN9331 motorized Graphic EQ Controller

The Console system i/o complement includes:

QTY	ITEM
2	DL251 48 analog mic/line input x 16 analog outputs backstage DL451 modular i/o frame with 24ch AES 96kHz outputs to d&b audiotechnik D80 & D12 Mains & Stage Monitor Amplifiers DL444 'D-Sub' card providing 8 analog XLR inputs & 8 analog XLR outputs @ FOH & Monitor Control Surface DL443 8ch analog TRS Inserts @ FOH & Monitor Control Surface DL452 8ch digital AES i/o @ FOH & Monitor Control Surface

MICROPHONES

QTY	ITEM
1	AKG 414
4	AKG 419
1	AKG 460B
2	AKG D112
1	Audio Technia 4050
2	Audix D2
4	DPA Headset Mics
6	Neuman KM 184
2	Neuman KM 185
2	Neumann KMS100
1	Sennheiser 421
4	Sennheiser 441
2	Sennheiser 604
2	Sennheiser 609
4	Shure Lavs
6	Shure UR4D units
3	Shure 55SH
1	Shure 56SSD on/off switch
3	Shure 55SH

DI BOXES

3	Countryman DI's
1	PL PRO MS440
5	BSS AR-133
6	Radial Active DI's
1	Radial Passive DI
1	Radial Stero PC DI
1	4-channel mult box

BACKLINE**PIANO**

1	Baldwin SF10.7' Piano
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DRUM KIT

1	8" dw tom
Black	
1	12" dw tom
1	14" dw tom
1	16" dw tom
2	14" x 6.5" REMO snare
Head	
1	14" x 7.5" REMO snare
1	20" dw bass drum
1	22" dw bass drum
Cabinet	
4	14" Zildjian high hat
2	20" Zildjian ride
2	16" Zildjian crash
2	18" Zildjian crash
6	Cymbal stands
2	Snare stands
2	High hat stands
1	Single DW kick pedal
1	Single DW kick pedal
1	Double DW kick panel
1	DW Drum Throne
1	DW 18 inch floor Tom

QTY	ITEM
1	Shure 56SSD on/off switch
10	Shure 57
4	Shure 58
1	Shure 58 on/off switch
3	Shure SM81
1	Shure B52
1	Shure Beta 52A
4	Shure Beta 57
6	Shure Beta 58
4	Shure Beta 98
2	Shure SM 98H
4	Shure Beta 98 AMP
2	Shure Condenser headsets
5	Shure MX 202
1	Shure MX 391C
4	Shure MX 398
1	Shure PE54D on/off switch
1	Shure SM91
1	Shure Beta 91A

CLEARCOM SYSTEM

1	CLEAR COM PS704
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1	HME PRO 850
17	Single channel packs
4	Dual channel packs
4	Wireless dual channel packs

GUITAR AMPS

2	JC - 120
1	Deville 410 III
1	Hot Rod Deville 212

GUITAR STAND

1	Hercules GS415B Single Guitar Stand
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BASS AMPS

1	Bass Amp - Eden Bass
1	Eden Bass Cabinet with 4 x10 speakers
1	Epifani Bass Speaker with 4 x10 speakers
1	Epifani UL501 bass head

KEYBOARDS

2	Korg Kronos 88 key
2	Korg Kronos 73 key
1	Korg Triton
1	Korg Triton Pro
1	Yamaha Motif 8

LINE SET SCHEDULE

LINE SET	DISTANCE UPSTAGE	PIPE USE - APOLLO REP	TYPE
	5.5"	FIRE CURTAIN	CUT ROPE
	1'-0"	Hanging Position	3.5" Steel Beam
1	1'-4"	MAIN RED CURTIN	Steel Line Set
2	1'-10"	#1 BLACK LEGS	Steel Line Set
3	2'-0"	Empty Pipe	Steel Line Set
4	2'-7.5"	SCREEN I 28'W X 16'H	Steel Line Set
5	2'-10.5"	Full Stage Black	Steel Line Set
	4'-8.5"	#1 Truss (Center Measurement)	Motors
6	6'-0.5"	Empty Pipe	Steel Line Set
7	6'-4.5"	Empty Pipe	Steel Line Set
8	7'-0.5"	Empty Pipe	Steel Line Set
9	7'-8.5"	#1 BORDER	Steel Line Set
10	8'-0"	SCREEN II 14'W X 10'5"H	Steel Line Set
11	8'-11"	#2 BLACK LEGS	Steel Line Set
12	9'-2.5"	WHITE SCRIM	Steel Line Set
	9'-5"	Hanging Position	6.5" Steel Beam
13	9'-8"	SCREEN III 10'W X 8'H	Steel Line Set
14	10'-5.5"	#2 BORDER	Steel Line Set
15	10'-9.5"	Empty Pipe	Steel Line Set
16	11'-1.5"	Empty Pipe	Steel Line Set
17	11'-5.5"	TRAVELER TRACK	Steel Line Set
18	11'-10.5"	Empty Pipe	Steel Line Set
19	12'-6.5"	Empty 2" Pipe	Steel Line Set
	14'-2"	#2 Truss (Center Measurement)	Motors
	14'-10"	Hanging Position	3.5" Steel Beam
20	15'-6"	Empty Pipe	Steel Line Set
21	15'-10.5"	#3 BORDER	Steel Line Set
22	16'-2.5"	#3 BLACK LEGS	Steel Line Set
23	16'-6"	AMATUER NIGHT SIGN	Steel Line Set
24	17'-7.5"	Empty Pipe	Steel Line Set
25	18'-1.5"	SMALL BLACK BORDER	Steel Line Set
26	18'-8.5"	#4 Border	Steel Line Set
27	19'-2.5"	TRAVELER TRACK	Steel Line Set
	19'-10"	Hanging Position	6.5" Steel Beam
	20'-6"	#3 Truss (Center Measurement)	Motors
28	22'-7"	Black legs	Steel Line Set
29	23'-3.5"	EMPTY	Steel Line Set
30	23'-11"	APOLLO BLADE SIGN	Steel Line Set
	24'-3"	Hanging Position	3.5" Steel Beam
31	24'-7"	Black scrim	Steel Line Set
32	25'-5.5"	SMALL BORDER	Steel Line Set
33	28'-0"	BLACK CURTAIN	Steel Line Set
34	28'-2"	GOLD CURTAIN	Steel Line Set

DRESSING ROOMS

LOCATION: Greenroom (37' x 22' 6")
2 STAR dressing rooms, each containing:
Private bathroom and shower
ADA accessibility
Accommodates 1-2 people
3 Single ADA accessible bathrooms

LOCATION: Stage right near the stage door entrance

2ND FLOOR

2A 4 people (individual bathroom)
2B 6 people (individual bathroom)

3RD FLOOR

3A 4 people (individual bathroom)
3B 6 people (individual bathroom and shower)

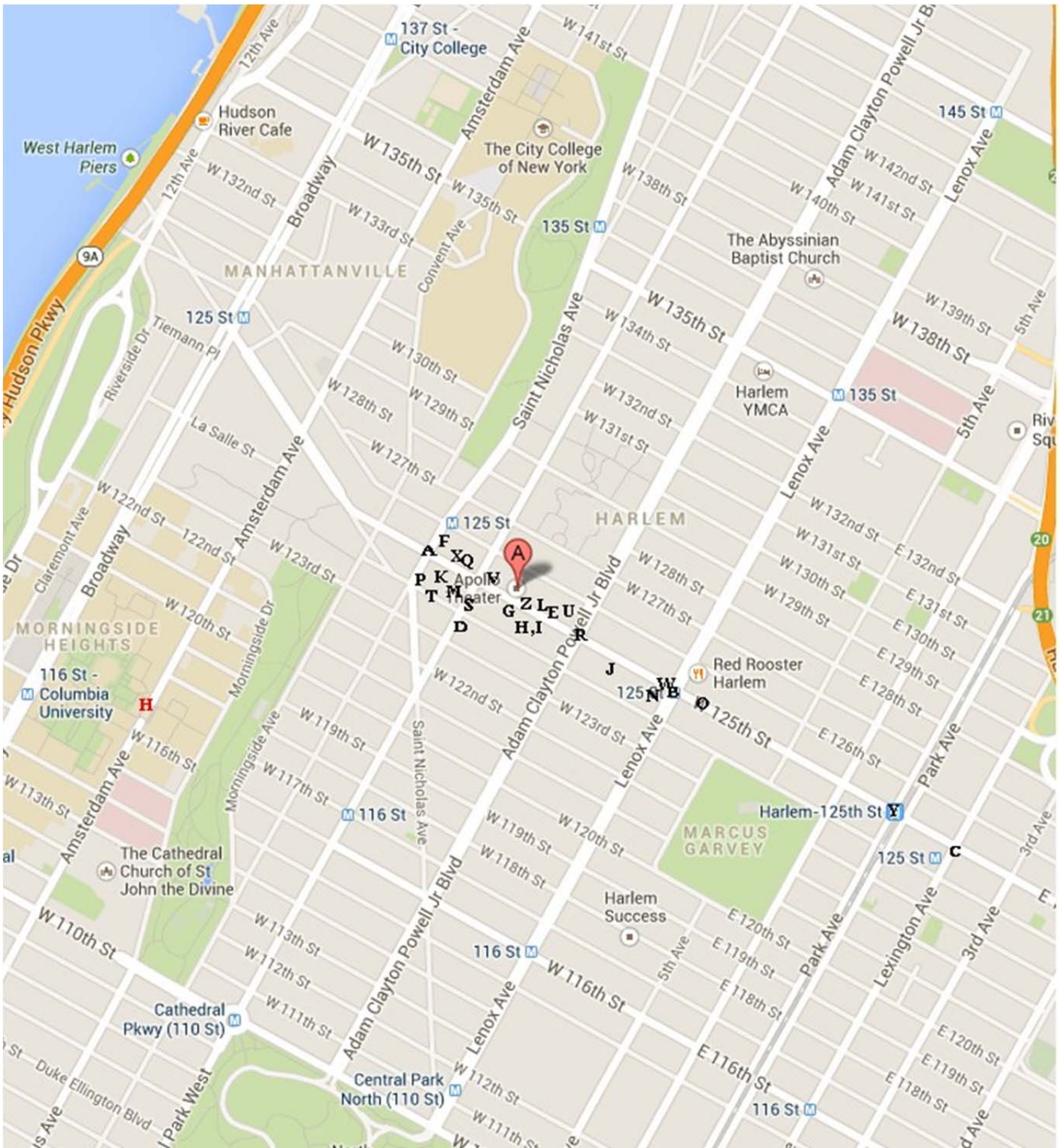
4TH FLOOR

4A 4 people (share bathroom in hallway)
4B 2 people (share bathroom in hallway)
4C 2 people (share bathroom in hallway)

5TH FLOOR

5A 4 people (individual bathroom)
5B 6 people (individual bathroom)

TOTAL: 11 dressing rooms



SUBWAYS

- A) A, B, C, D to 125th St.
- B) 2, 3 to 125th St. (Lennox Ave)
- C) 4, 5, 6 to 125th St. (Lexington Ave)

HOTEL

- D) Aloft Harlem

CAFÉS

- E) Starbucks
- F) Dunkin' Donuts

RETAIL STORES

- G) Gap Outlet
- H) Children's place
- I) American Apparel
- J) H&M Store
- K) Old Navy
- L) Atmos
- M) Modell's Sporting Goods
- N) Marshalls
- O) Carol's Daughter
- P) Nine West Outlets
- Q) DSW

BANKS

- R) Citibank
- S) TD Bank
- T) Chase Bank
- U) Bank of America

DRUGSTORES

- V) Duane Reade
- W) CVS Pharmacy | Photo
- X) Rite Aid Pharmacy

ADDITIONAL TRANSPORTATION

- Y) Metro North
- Z) MTA Bus Service: M100, M101, M60, M15

BAR

67 Orange Street
Bier International
Corner Social
Ginny's Supper Club @Red Rooster
Harlem Public
Harlem Tavern
Moca Lounge
Red Rooster
Showman's Cafe

RESTAURANTS

Africa Kine Restaurant
Amy Ruth's
Boulevard Bistro
Cedric French Bistro
Chez Lucienne French Bistro
Dinosaur Bar-B-Que
Harlem Bar B Q
Harlem Shake
Harlem Tavern
Joe's Crab Shack
Les Ambassades
Lido
Maison Harlem
Manna's
MOCA Restaurant Lounge
Red Lobster Seafood Restaurant
Settepani
Sylvia's Restaurant

CAR SERVICE

Harlem Car Service
(212) 663-8080

CLEANERS

Grace Cleaners
270 St. Nicholas Ave
New York, NY 10027

HOSPITAL

St. Luke's-Roosevelt Hospital Center
1111 Amsterdam Ave, New York, NY 10025

PARKING

125th Street Garage
121 West 125th Street
New York, NY 10027
(212) 531-3418

Surface Lot
260 W 126th St
New York, NY 10027