

THE DUKE ON 42ND STREET THEATER LICENSE AGREEMENT

EXHIBIT B  
EQUIPMENT

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Technical Specifications

Version 6

July 2011

Theater Address: 229 West 42nd St. New York, NY 10036  
(646) 223-3042

Stage/Loading Door: 229 West 42nd St. Between 7th & 8th Avenues

Mailing Address: 229 West 42nd St. New York, NY 10036

***Please note:** The Duke on 42nd Street is on the 2nd floor of the ten floor NEW 42ND STREET® Studios building. The street level entrance of the Studio building is the main access for materials and public to both The Duke on 42nd Street and the Studios. Please refer to loading information below.*

**General**

The Duke on 42nd Street is a flexible black box theater with a total of 200 seats. It opened in June 2000.

**Dimensions:**

North-South: Total **65'-9"** Open Between Mezzanine Level: **46'-5"**

East-West: Total **49'-6"** Open Between Mezzanine Level:  
...To rails: **42'-6"** ...To concrete: **42'-0.5"**

Height:

Under East Gallery – **9'-9"**; West Gallery **9'-9"**

Under North Gallery **9'-3"**; South Gallery **9'-8"**

To Grid: **19'-5"**

To Hoist Points: **21'-9"**

Mezzanine Level:

SR: **3'-1½"** wide

SL: **4'** wide; at column **3'** wide

Length from north stairs to end of gallery: **47'-5"**

### **Loading In/Out**

Loading door address:

229 West 42nd Street Between 7th & 8th Avenues

\*All company personnel and deliveries must use this address.

Load in through lobby:

-Through Studio Building entrance doors: **5'-10"**w x **8'-0"**h

-Into elevator doors: **4'-5"**w x **7'-10"**h

-Elevator: **8'-6"**w x **6'-8"**d x **9'-5"**h

(Longest piece of pipe possible **12'**)

-There is also a **4'-8"**w x **4'-6"**h hatch in the southern facade wall for access. Special rigging permits are required for access for anything but pipe. Permits must be arranged three weeks prior.

The Duke on 42nd Street does not have a loading bay, so all load-ins and load-outs must be done in the lobby of the building. This imposes a few restrictions:

-**Nothing** can be transported on the glass stairs between the 1<sup>st</sup> and 2<sup>nd</sup> floors.

-Architectural finishes in the lobby and 2<sup>nd</sup> floor hallway must need to be protected.

(Packing blankets & masonite available.)

-Seats may need to be covered during load-in if set assembly requires it.

In addition, since the load-in area is on the street, parking schedules should be carefully coordinated. Loading access hours are 10am-6pm (10am –4pm for trucks), and must be arranged one (1) week in advance with the Technical Manager.

### **Stage**

- Stage Deck:** MDF (Medium Density Fiberboard)-topped sprung wooden floor. Fastening to deck is allowed only under theater Staff supervision with prior approval.
- Cross-Over:** At the North side of the space there are corridors that may be used at both deck and mezzanine levels.
- Workspace:** There is no separate workshop space, so sets must arrive ready to be assembled. Modification is possible in the space, but sawing or welding must first be approved.
- Painting:** Requests to paint the deck must be submitted in advance to Technical Manager.
- Marley:** Marley is available for The Duke on 42nd Street floor in 42'x5'3" sections. This represents the distance, in standard positions, between booms. When down, nothing may be screwed into deck through marley. Tap shoes, sharp points, or other damaging equipment may not be used. A rosin marley is available.
- F/X:** Please inform us immediately if any fog, cigarettes, open flames (including candles and matches) or other f/x are required for the production. Material data sheets and descriptions for any and all permits

required by the NYC and its agencies must be provided six weeks prior to company's arrival.

Flame proofing: Certificates for all materials and scenery ***must*** be provided before they enter the building. This is especially important because the Duke is on the second floor of a ten story high rise and must therefore adhere to high-rise standards of fire safety code.

Projection: There is a large center section of the Technical Booth to project from. The distance to Cyc Line is 53'.

**Rigging:**

The Duke on 42nd Street is equipped with a pipe grid. Pipes run North to South on 5'3" centers and East-West on 4'0" centers. Elevation to bottom pipe (North-South) of grid is 19'-5". Grid is rated for 50lbs/linear foot dead load or 250lbs per point. In addition, (15) hoist points are also provided and each has a working load of 900lbs. No live/dynamic loads from grid. [See Duke\_GridPlan.mcd]

All rigging plans **must** be submitted six (6) weeks prior to your load-in, and are subject to approval.

Soft Goods Inventory:

Black Legs:

- (6) 8'w X 10'h
- (8) 8'w X 10'2"h
- (1) 7'w X 7'11"h
- (6) 6'w X 19'4"h

Borders: (2) 47'w X 3'h

Other:	(1)	Black Sharkstooth Scrim	42'w X 19'1''h
	(1)	White Sharkstooth Scrim	42'w X 19'1''h
	(1)	Black Sharkstooth Scrim	27'w X 9'10''h
	(1)	White Seamless Muslin Cyc	42'w X 19'1''h
	(2)	Black Zetex Borders	42'w X 2'h
	(2)	Black Traveler Panel	22'w X 18'10''h flat

Lighting:

The lighting system consists of ETC Sensor Dimmers controlled by an *ETC Ion 3072 output* control console capable of 10,000 channels, 10,000 Cues, etc. Remote Video unit and LCD Screens are available. Net3 Wi-Fi for wireless remote use is available.

All lighting equipment for The Duke on 42nd Street is hung and circuited, (**however, not focused**), as "The Duke on 42nd Street Repertory Light Plot" prior to the load-in of Licensee's Engagement, and said Repertory Light Plot must be restored as part of the load-out of Licensee's Engagement, unless otherwise agreed upon in writing by Licensee and Technical Manager.

A separate Unison Slider Panel can control house/work lights if necessary.

Dimmers	(162)	2.4k dimmers available [dimmers #18-#42 and #49-#186]
	(6)	6k dimmers available [dimmers #43-#48]
	(17)	House light dimmers [#1-#17]

**Rep Plot:**

A rep plot is always hung in the air and must be restored upon load out. This plot is not focused.

Inventory

-Source-4 Ellipsoidal: 575w 6¼ x 6¼

<u>Rep</u>	<u>Total</u>	
(66)	(148)	# Bodies (S4 Ellipsoidal)

(12)	(45)	# 50°
(54)	(85)	# 36°
(0)	(50)	# 26°
(0)	(8)	# 19°
(30)	(68)	# S4 Par Bodies, 575k
(0)	(96)	# VNSP
(0)	(96)	# NSP
(0)	(100)	# MFL
(30)	(80)	# WFL
(4)	(8)	# Mini 10's, 500k

*-Followspot:*

(1) Lycian #1275 1.2k HMI

*-Worklight:*

(4) Altman Mini-10 500w Qlite (4 with barndoors)

*-Houselight:*

(12) Source-4 Par – Extra Wide Lens

**Circuits:**

All circuits are accessed in the NW (#18-41) and SW (#42, 49-186) corner of the gallery at grid height.

**Cable:**

Single circuit cables and twofers are available.

(6)	2'
(44)	5'
(32)	15'
(52)	25'
(38)	50'
(10)	75'
(10)	100'

(72) Two-fer

Multi-cable Breakdown:

18-23: Pipe A, multi-cable A, 40'  
24-29: Pipe A, multi-cable B, 60'  
30-35: Pipe B, multi-cable C, 50'  
36-41: Pipe B, multi-cable D, 70'  
55-60: Pipe C, multi-cable E, 70'  
61-66: Pipe C, multi-cable F, 110'  
67-72: Pipe D, multi-cable G, 60'  
73-78: Pipe D, multi-cable H, 100'  
79-84: Pipe E, multi-cable J, 60'  
85-90: Pipe E, multi-cable K, 100'  
91-96: Pipe F, multi-cable L, 50'  
97-102: Pipe F, multi-cable M, 100'  
103-108: Pipe G, multi-cable N, 50'  
109-114: Pipe G, multi-cable O, 80'  
115-120: Pipe H, multi-cable P, 50'  
121-126: Pipe H, multi-cable Q, 80'  
127-132: Pipe I, multi-cable R, 50'  
133-138: Pipe I, multi-cable S, 80'  
139-144: Pipe J, multi-cable T, 50'  
145-150: Pipe J, multi-cable U, 80'  
151-156: Pipe K, multi-cable V, 50'  
157-162: Pipe K, multi-cable W, 70'  
163-168: Pipe L, multi-cable X, 50'  
169-174: Pipe L, multi-cable Y, 70'  
175-190: Pipe M, multi-cable Z, 40'

181-187: Pipe M, multi-cable AA, 70'

Other:

- (6) 50lb bases
- (4) 5'-9" Rovers
- (18) 12" side arms (single tee)
- (5) 18" side arms (single tee)
- (5) 24" side arms (no tee)
- (30) Source 4 top hats (6 in Rep)
- (28) Source 4 Eyelash (24 in Rep)
- (55) Source 4 PAR Barn Doors (30 in Rep)

### **Sound**

The Duke on 42nd Street is equipped with a reinforcement system that uses EAW speakers. Console can be operated from the technical booth or from Row K (Note: Use of this position results in the loss of 4 seats). An IR system for the hearing impaired has been permanently installed, and 8 headphones are available. *(This system should not be moved or modified except under supervision of the Technical Manager)*

The Theater's sound equipment is installed as a complete system, stereo mode, and ready to use. If Licensee makes any changes to said system during the Engagement, Licensee must restore said system to its original state during the load-out of the Engagement.

Console: (1) Yamaha LS9-32 (*no additional cards*)

Amps:

- (2) Crown XS900 Amplifiers
- (4) Crown K2 Amplifiers
- (1) Crown CT600 Amplifier
- (1) Crown CT2000 Amplifier
- (1) Crown CT4200 Amplifier



Speakers: (2) EAW JF 200 (*House mains-Standard*)  
(2) EAW JF 260 (*House mains-Standard*)  
(2) EAW SB 150R (*Subs-Standard*)  
(4) EAW SM 200 (*Monitors*)  
(4) EAW JF60  
(9) EAW JF80  
(2) EAW JF100

Playback: (1) Denon DN-D400 Dual CD Player (MP3 Compatible)

External Processing: (1) Klark Teknik DN360 Stereo EQ31  
(2) dbx 166XL Compressor Limiter/Gate  
(2) dbx 1231 2 Channel 31 Band Graphic EQ  
(1) Ashly MQX2310 Stereo 31 Band Graphic EQ  
(1) Yamaha Pro R3 Digital Reverberator

Monitor System: [*Room tone from Stage, God Mic, and Paging Mic backstage*]  
Yamaha 10 channel mixer; Shure MX202 overhead mic; Shure SM58  
page Mic; RDL audio router; DBX 266XL compressor; Crown amplifier.  
*(No modifications permitted without supervision of the Technical  
Manager.)*

Microphones and Accessories:

(12) Shure SM58 (unidirectional) w/ clip  
(2) Shure MX202B/C (Black overhead Cardioid)  
(3) Sennheiser MD421 II (1 w/ clip)  
(2) Shure VP88 (stereo video production Mic)  
(2) Shure Beta 87A  
(1) Samson Q2 w/ clip

Microphone Stands: (16) Straight Stand with 5lb. Base (3'-0" – 5'-0")  
(8) Standard Length Boom Arms  
(5) Table Stands (2 in booth)  
(1) Short Boom Arms  
(3) 1'-18" Flexible Boom Arms (w/ C clamp)

General Accessories: (5) DB-1 Direct Boxes  
(2) Clear Com CC-95 Single Muff Headset  
(1) Telex PH-88 Lightweight Headset  
(2) Sennheiser HMD 410 Headsets  
(1) Clear Com Phone  
(7) Clear Com- RS501 Single Channel Belt Packs  
(2) Clear Com- PLPro KB211 Two Channel Com Stations  
(1) Clear Com – PLPro MS232 Two Channel Main Station  
(1) Clear Com – PLPro RM220 Two Channel Remote Station

Misc: XLR Cable, ¼" Cable, Adaptors, Edison & Strips

XLR Cable:

- (2) 3' XLR Cable (Yellow)
- (2) 5' XLR Cable (Blue)
- (5) 10' XLR Cable (Red)
- (1) 15' XLR Cable (Purple)
- (45) 25' XLR Cable (Green)
- (21) 50' XLR Cable (Orange)
- (2) 75' XLR Cable (Red & Yellow)
- (3) 100' XLR Cable (Yellow & Blue)

Input/Output Snakes:

- (2) 16/In – 3/Out – XLR Snake Boxes

- (2) 100'-0" Snake Cable
- (4) 50'-0" 16 Channel Snake Cable
- (2) 50'-0" 12 Channel Snake Cable
- (1) 25'-0" 12 Channel Snake Cable
- (1) 12 Channel MXLR3 Box
- (1) 9 Channel MXLR3 and 3 Channel FXLR3 Breakout
- (1) 6 Channel FXLR3 and 6 Channel MXLR3 to (12) ¼" M Breakout
- (1) 6 Channel MXLR3
- (2) 16 Channel MXLR3 Breakout
- (1) 19 Channel MXLR Breakout
- (1) 9 Channel ¼ and FXLR3 Breakout
- (1) 16FXLR3 and 3MXLR3 Breakout
- (1) 8 Channel XLR Snake
- (2) 50' BNC 5 Channel Snake
- (1) 3' 12 Channel MXLR to Elco adapter
- (1) 3' 12 Channel FXLR to M ¼ to Elco
- (1) 3' 6 Channel MXLR to Elco

Speaker Cable:

- (4) 100' NL4
- (6) 50' NL4
- (2) 25' NL4
- (1) 15' NL4
- (1) 10' NL4

Work Lights:

- (6) Littlelites
- (4) Clip light (Blue Lamps)

**Environmental Conditions:**

Street Noise: The technical booth is not fully soundproof from street noise. Extremely loud sirens and stereos can be heard in the technical booth.

Studio noise: The technical booth is not fully soundproofed from the Studio above. Percussive dance noise, such as tap can be heard in the booth. This noise does not bleed into the theater.

### **Seating Unit:**

Seating Configurations: Total capacity in the standard configuration is 200 seats as shown in Appendix 7. Rows can be removed or retracted in rows of 20. This can be changed to the following configurations in the time specified.

180 Seats (removing row A), 1 hour, as shown in Appendix 8

160 Seats \*, 4 hours, as shown in Appendix 9  
*(scaled drawings of 140-100 seats may be provided upon request)*

136 Seats (side sections retracted) \*, 4 hrs, as shown in Appendix 10

*\*Additional charges apply for requests of*

Any other configuration requests are to be made no later than (12) weeks prior to load-in of each production, subject to the approval of the Licensor. Please note that alternative configuration requests will take at least 2 hours to execute during your load-in schedule. Plan accordingly.

Licensor agrees that during a seating call conducted exclusively by house crew, Licensee may plan an unobtrusive load-in at the Licensor's prior approval, ie load-in wardrobe into the dressing room, or sound/light packages into the booth. In addition, if Licensor is able to complete the seating reconfiguration call in less than the prescribed hours above, they may grant Licensee access to the space earlier than scheduled.

Standard seating configurations and seating unit, subject to change.

**Support:**

Ladders/ Genie lift: (2) 15' Genie lifts- Subject to availability.

(1) 20' Extension ladder (for over the house) is available

(3) 6' Ladders for deck and gallery available

(1) 17' Little Giant Ladder

Technical Booth: Three rooms and an amp room run the width of the theater on the 2M level. From West to East- Lighting, Projection/Stage Management, and Sound. Multiple power outlets, telephones, and desk space to accommodate production crew. Clear Com is setup at each position. The SM position is equipped with both a page mic and a god mic.

Stage Manager office: A Stage Manager's office is adjacent to the theater, equipped with a telephone for internal and high speed internet. The office may be used during the dates and times set forth, and may not be used for any purpose other than normal stage management business. The stage manager may sign out the key to this office at the front desk.

Dressing Rooms: There are two (8) person dressing rooms at deck level, backstage. Each has a toilet, shower and (2) sinks. There is an additional ADA bathroom with shower and toilet at deck level. Dressing room 1 is 22'x6'3". Dressing room 2 is 22'-1"x 8'-7". Both dressing rooms are equipped with phones that make and receive internal calls. There are also monitors in each dressing room that receive program feed and back stage page feed. The stage manager will be provided with codes to lock and unlock the dressing rooms.

Green Room: A green room with kitchenette is located on the mezzanine level. Unless otherwise approved in writing, the green room is not to be used for any

purpose other than as a break room for the company. (Microwave, toaster, mini fridge available.) There is also a monitor that receives program feed and backstage page feed.

**Wardrobe:** There is a wardrobe/laundry room located at deck level, backstage. The room is equipped with a washer and dryer. (Iron and steamer available). It is 7'-6" x 10'-4".

**Box Office:** Two (2) window Box Office is located at deck level on the 2<sup>nd</sup> Floor.

**Concession:** Located at deck level on the 2<sup>nd</sup> Floor.

**Piano:** Kawai K5 Upright available. Tunings must be arranged through New 42 and additional charges may apply.

### **Use of Toxic and/or Hazardous Materials**

Please be advised that the use of Toxic and/or Hazardous materials, including but not limited to:

- ◇ Flammable Materials
- ◇ Spray Paints (other than acrylic or water based)
- ◇ Acetone or other solvents
- ◇ Petroleum based products
- ◇ Non-water based adhesives

is forbidden in any interior space of The Duke on 42<sup>nd</sup> Street without the express written, advanced notice of the theater management. Permission will only be granted upon review of the material and implementation of proper protective procedures.

This policy will be strictly enforced and applies to the entire renting company.

For general Plot and Technical updates, please check: <http://www.dukeon42.org>

For assistance, please contact:

**The New 42<sup>nd</sup> Street, Inc.**

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New York, NY10036

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