



# Allen Theatre Technical Specifications

**Stage Door:** 1410 Dodge Court Cleveland, OH 44114 - **24 Hr. Receiving Address (Central Security):** 1650 Chester Ave, Cleveland OH 44114

## Stage Specifications:

**Seating Capacity:** 481

### Proscenium opening:

- (38'-0" w X 25'-0" h)

### Proscenium height:

- (28'-8") to bottom of acoustical panel

- (43'-3") floor to masonry

**Grid Height:** - (85'-7")

### Apron Lip to 0'-0":

- (1'-5") - 0'-0"

- House Curtain (2'-11 5/8") 0'-0"

- Line Set #1 (3'-9")

### Smoke Pocket to:

- Last Line Set #60 (41'-10")

- US Column (42'-6")

- US Wall (43'-10")

**Number of Battens:** 60 (Single Purchase Counterweight)

**Length of Battens:** (62'-0") Double pipe (1'x0") offset

**Distance between Battens:** (8") O/C

**Travel of Battens:** (79'-0")

**Weight Capacity:** 2,000lbs per arbor - (61,000 total)

**Locking Rail to SR Wall:** (9'-0")

**SR rail to SL column:** (95'-0")

### Stage Floor to:

- 1st Jump (34'-0")

- 2nd Jump (50'-0")

- Load Bridge (80'-0")

**Stage Floor to Audience Floor:** (-2'-10")

**Stage Floor Orchestra Pit Level:** (-8'-5")

**Stage Floor Traps:** 58 @ (3'-0" X 6'-0")

**Stage Floor to Balcony Rail:** (13'-2") - vertical plane

### Center Line to:

- SR Rail - (40'-0")

- SR Wing (24'-1")

- SL Wing (33'-1")

- SL Wall (49'-6")

- Catwalk SL: (34'-0")

- SR: (40'-3")

## Stage Specifications:

### Proscenium Line to:

- Balcony Rail (46'-0")

- Box Boom #1 (6'-11")

- Box Boom #2 (22'-6")

- Box Boom #3 (39'-6")

- Perches (64'-0")

- Booth (59'-0")

- Last row of seats Orchestra level—(59'-9")

- Last row of seats Balcony level—(64'-0")

### Dock Loading Doors:

- West Door - (7'-11" w X 8'-0" h)

- East Door - (8'-9" w X 9'-4" h)

**Freight Elevator:** (7'-11" w X 24'-5" L X 9'-4" h) 20,000lbs capacity

**Orchestra Pit:** (42'-0" w X 9'-0" d) or (42'-0" w X 16'-11" d) extended with a (8'-4") overhang - (3,500LBS capacity)

## House Soft Goods:

**Legs:** - 12 @ (8'-0" w X 32'-0" h)

**Borders:** - 6 @ (62'-0" w X 15'-0" h)

### Drops:

- 1- Black Scrim (62'-0" w X 32'-0" h)

- 1- black/2-panel (33'-0" ea.) @ (62'-0" w X 32'-0" h)

- 1 Cyclorama @ (62'-0" w X 32'-0" h) - bleached muslin

## PDF Drawings are available at:

<https://www.playhousesquare.org/about-playhousesquare-main/rent-our-spaces/stage-and-theatrical-specs>

## Playhouse Square Production Department Contact List:

**Director of Production:** Penny Zaletel (216) 640-8546  
([penny.zaletel@playhousesquare.org](mailto:penny.zaletel@playhousesquare.org))

**Sr. Production Manager:** Jody Dagg (216) 640-8548  
([jody.dagg@playhousesquare.org](mailto:jody.dagg@playhousesquare.org))

**Production Manager:** Tony Hanf (216) 640-8670  
([tony.hanf@playhousesquare.org](mailto:tony.hanf@playhousesquare.org))

**Technical Project Manager:** Liam Roth (216) 329-0344  
([liam.roth@playhousesquare.org](mailto:liam.roth@playhousesquare.org))

**Production Manager:** Heather Cochran (216) 373-135  
([heather.cochran@playhousesquare.org](mailto:heather.cochran@playhousesquare.org))

**Production Supervisor:** Daniel Zilka (216) 373-3711  
([Daniel.Zilka@playhousesquare.org](mailto:Daniel.Zilka@playhousesquare.org))



# Playhouse Square®

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**Stage Door:** 1410 Dodge Court Cleveland, OH 44114 - **24 Hr. Receiving Address (Central Security):** 1650 Chester Ave, Cleveland OH 44114

### House Audio Equipment:

#### House Left:

2—EAW KF650e speakers  
 1—EAW MX300iJHS 4-band speaker controller  
 1—YAMAHA YDP2006 digital equalizer  
 1—CREST CKS400 amplifier  
 1—CREST CKS800 amplifier

1—CREST CKS1200-2 amplifier

(lower)

2—EAW KF300e speakers  
 1—EAW MX300iJHS 4-band speaker controller  
 1—YAMAHA YDP2006 digital equalizer  
 1—CREST CKS400 amplifier  
 1—CREST CKS800 amplifier

1—CREST CKS1200-2 amplifier

(floor)

1—JBL subwoofer cabinet (2-sprks)

#### Line Array:

QSC WideLine8 line array  
 QSC amps dedicated to line array  
 CMX 800v  
 CMX 2000v  
 CMX 500v  
 CMX 300v

#### House Right:

2—EAW KF650e speakers  
 1—EAW MX300iJHS 4-band speaker controller  
 1—YAMAHA YDP2006 digital equalizer  
 1—CREST CKS400 amplifier  
 1—CREST CKS800 amplifier

1—CREST CKS1200-2 amplifier

(lower)

2—EAW KF300e speakers  
 1—EAW MX300iJHS 4-band speaker controller  
 1—YAMAHA YDP2006 digital equalizer  
 1—CREST CKS400 amplifier  
 1—CREST CKS800 amplifier

1—CREST CKS1200-2 amplifier

(floor)

1—JBL subwoofer cabinet (2-sprks)

#### Under Balcony

3—Renkus Heinz TRX62H

#### House Rears:

4—Renkus Heinz TRX62H

### House Audio:

**House Audio Console:** Yamaha CL5 with a Danta Digital Network System

**Mixing Position:** Behind row zz, (140'-0") from Plaster Line  
 - (250'-0") cable snake run required

#### EFX:

2—YAMAHA Q2031A octave graphic equalizer  
 1—YAMAHA REV500 digital reverb  
 2—KLARK-TECHNIC DN504 quad compressor/limiters  
 2—KLARK-TECHNIC DN514 quad auto gate processors  
 1—MARANTZ PMD510 dual well cassette deck  
 1—MARANTZ PMD321 CD player  
 1—PANASONIC SV3800 DAT player/recorder

#### 4-Channel Clear-Com Stage & Paging System

### House Lighting Equipment:

Theatre is contracted with House Plot unless noted, contact Director of Production for details.

**Spotlights:** (2) Strong Canto - 1200 watts

#### Inventory:

(40) - 10° ETC Source Four Ellipsoidal

(10) - 14° ETC Source Four Ellipsoidal

(70) - 19° ETC Source Four Ellipsoidal

(80) - 26° ETC Source Four Ellipsoidal

(70) - 36° ETC Source Four Ellipsoidal

(48) - PAR 64 1kw MFL

(12) - PAR 64 1kw WFL

(10) - MR16 Strip Lights

#### Road Power Services: (All Three-Phase)

(1) - 400amp service, basement/trap rm.

(2) - 200amp service basement/trap rm.

(1) - 400amp service, USL

(1) - 200amp service, USL (sound)

(7) - 400amp service, SL fly floor (@35ft jump)

(1) - 200amp service, grid SL

(1) - 200amp service, auditorium ceiling

(1) - 100amp service, booth

**Lighting Control:** ETC EOS 4000 Console with ETC net node controls via CD80 SV and Senor dimmer modules - (17) DMX dry-run stats.

**Dimmers:** (252) 2.4kw @ FOH & (216) 2.4kw on Stage



# Playhouse Square®

## Allen Theatre Technical Specifications

### Lineset Schedule & Notes

LINESSET#	POSITION	DESCRIPTION	NOTES
	2'-8"	<u>HOUSE CURTAIN</u>	GUILLOTINE
1	3'-9"	BORDER	
2	4'-5"	LEGS	EVEN W/PROCENIUM
3	5'-1"		
4	5'-9"		
5	6'-5"	1ST ELECTRIC	
6	7'-1"		
7	7'-9"		
8	8'-5"		
9	9'-1"		
10	9'-9"		
11	10'-5"		
12	11'-1"	BORDER	
13	11'-9"	LEGS	
14	12'-2"		
15	13'-1"		
16	13'-9"	2ND ELECTRIC	
17	14'-5"		
18	15'-1"		
19	15'-9"		
20	16'-5"		
21	17'-1"		
22	17'-9"	BORDER	
23	18'-6"	LEGS	
24	19'-1"		
25	19'-9"		
26	20'-6"	3RD ELECTRIC	
27	21'-1"		
28	21'-9"		
29	22'-5"		
30	23'-1"	2-panel BLACKOUT	



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## Lineset Schedule & Notes

LINESSET#	POSITION	DESCRIPTION	NOTES
31	23'9"		
32	24'5"	BORDER	
33	25'1"	LEGS	
34	25'9"		
35	26'5"	4TH ELECTRIC	
36	27'1"		
37	27'9"		
38	28'6"		
39	29'1"		
40	29'9"	BORDER	
41	30'6"	LEGS	
42	31'1"		
43	31'9"	5TH ELECTRIC	
44	32'5"		
45	33'1"	BLACK SCRIM	
46	33'9"		
47	34'5"		
48	35'1"	CYC	
49	35'9"		
50	36'5"	RESIDENT STORAGE	
51	37'1"	RESIDENT STORAGE	
52	37'9"	RESIDENT STORAGE	
53	38'5"	RESIDENT STORAGE	
54	39'1"	RESIDENT STORAGE	
55	39'9"		
56	40'5"		
57	41'1"	RESIDENT STORAGE	
58	41'9"		
59	42'5"	RESIDENT STORAGE	
60	43'1"		



# Allen Theatre Technical Specifications

Production Map & Dock Photo

