



Playhouse Square®

KeyBank State Technical Specifications

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

Stage Specifications:

Seating Capacity: (3,158) Max - (3,086) w/ Orchestra Pit Seated

Proscenium opening: (51'-5"w X 28'-3"h)

Main Grid Height: (81'-0")

Short Grid Height: (60'-8")

Apron Lip to:

- (5'-0") to Plaster Line
- (7'-10") to House Curtain
- (8'-4") to Line Set #1
- (63'-4") to Last Line Set #42
- (69'-0") to Upstage Wall

Plaster Line to:

- Last Line Set #82: (55'-0")
- Up Stage Wall: (66'-5")
- Bussel Wall: (96'-3")
- Balcony Rail: (54'-6")
- Box Boom #1: (7'-6") & Box Boom #2: (21'-6")
- Perch Lighting Positions: (45'-8")
- Booth: (145'-0")
- Last row of seats Orchestra level: - (125'-0")
- Last row of seats Balcony level: - (143'-0")

Number of Battens: 82 (Single Purchase Counterweight unless noted)

Length of Battens: (62'-0")

Baten Extensions: (4'-0")

Number of spot Sheaves: 75

Distance between Battens: (0'-8")

Travel of Battens: (79'-0")

Last Lineset (#82) to Up Stage Wall: (8'-3")

Weight Capacity:

- Line Set #1 & 2 (2,280lbs) - Double Purchase
- Line Set #3 - 82 (1,500lbs)

Lighting Ladder Track (SR & SL): (20'-7")

Loading Dock Doors: (3) Total

- East & West Doors: (7'6"w X 9'-0"h)
- Center Door: (9'0"w X 9'-3"h)
- (4) 50amp circuits are available at the Loading Dock

Freight Elevator: (8'-0"w X 16'-4"d X 7'-11"h) - 12,000lbs capacity

Stage Specifications:

Stage Right Wing: (52'-9") from Center Line

Center Line to Stage Right Wall: (60'-0")

Stage Left Wing: (49'-9") from Center Line

Center Line to Stage Left Fly Rail: (55'-0")

Stage Deck to:

- Bottom of Valance: - (23'-8")
- Lowest Catwalk: SR - (35'-0") / SL - (50'-0")
- Loading Bridge Pin Rail: (SR): (35'-0")
- Audience Floor: (-3'-4")
- Orchestra Floor: (-10'-0")
- Balcony Rail: (11'-0")

Orchestra Pit: (49'-0"w X 27'-0"d)

-Max number of musicians is 80 with stands & instruments

House Soft Goods:

Legs: - 14 @ (15'-0"w X 40'-0"h)

Borders: - 7 @ (63'-0"w X 15'-0"h)

Drops:

- 1- Black & 1- White Scrim @ (63'-0"w X 30'-0"h)
- 1- black/2-panel @ (63'-0"w X 30'-0"h) - (31'-6" ea.)
- 2 Blackout @ (63'-0"w X 30'-0"h)
- 1 Cyclorama @ (63'-0"w X 30'-0"h) - natural 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:

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House Audio:

House Audio Console: DiGiCo SD10-24 Console

- 144 input channels, 64 Aux/Sub-Ground Busses, 24x24 Full Processing Matrix
- DiGiCo X-A-4REA4 128x48x8 (32 bit Input/Output Card)
- DiGiCo SD Rack 192kHz (32 bit Input/Output Card)

Mixing Position: (125'-0") from Plaster Line

Center Line Array: (1) Nexo 4x4 Mk2

- (7) Nexo Geo S805 speakers
- (1) Nexo Geo S830 speakers
- (3) Nexo CD12 Subwoofers

House Right Towers: (2) Nexo 4x4 Mk2

- (9) Nexo Geo S805 speakers
- (1) Nexo Geo S830 speakers
- (4) Nexo CD12 Subwoofers

House Left Towers : (2) Nexo 4x4 Mk2

- (9) Nexo Geo S805 speakers
- (1) Nexo Geo S830 speakers
- (4) Nexo CD12 Subwoofers

Front Fills: (1) Yamaha PX3

- (4) EAW JF60MT speakers

Under Balcony: (6) Nexo PS8 amps

- (16) Nexo PS8 speakers

Balcony Left: (1) Nexo 4x4 Mk2

- (7) Nexo Geo S805 speakers
- (1) Nexo Geo S830 speakers
- (3) Nexo CD12 Subwoofers

Balcony Right: (1) Nexo 4x4 Mk2

- (7) Nexo Geo S805 speakers
- (1) Nexo Geo S830 speakers
- (3) Nexo CD12 Subwoofers

Under Boxes: (1) RANC MA3 & (1) Nexo PS8 amps

- (6) JBL Control 25 speakers
- (5) Nexo PS8 speakers

Monitors: (3) Crest CA-9 amps

- (8) EAW LA212 Speakers

4-Channel Clear-Com Stage & Paging System

(1) - 9ft Steinway Black 483055D M0215 Piano

Microphone Inventory:

6	AKG 535	1	Barcus Piano Pick-Up	7	Sennheiser 421
5	Shure SM58	2	AKG c568 EB Shotguns	8	Sennheiser 441
18	Shure SM57	3	Crown CM31	2	Beyer Mc5 LAV
1	Shure PG 81	2	Audio Technica P2M AT8531	3	Audio Technica U859QL
2	AKG 414	2	Shure QLXD4 - Beta 58	6	Countryman DI
4	AKG D330 BT	2	Sennheiser EW100 w/c	2	Radial PCDI

Risers Inventory:

Wenger: (Folding legs & Interlocking):

- (2) 4'-0" X 8'-0" @ 8"h
- (16) 4'-0" X 8'-0" @ 16"h

StageRight: (14) 4'-0" X 8'-0" total lids

- (12) 32" to 54" adjustable legs & (6) 24" rolling legs

House Lighting Equipment:

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

Spotlights: (4) Lycian 1295 ELT, 3Kw

Inventory:

- (40) - Strand Cantata LED FC
- (6) - VARI-LITE VL2600 Profile
- (20) - 10° ETC Source Four LED Series Lustr 2
- (20) - Strand SL 36, 36° ellipsoidal
- (70) - Strand SL 26, 26° ellipsoidal
- (20) - Strand SL 19, 19° ellipsoidal
- (20) - Strand SL 10, 10° ellipsoidal
- (20) - Altman PAR64 MFL
- (8) - Chroma-Q Color Force II 72 (Upon Request)
- (10) Ladders - (5) Per side
- (10) Booms - (5) Per side

Lighting Control: ETC Ion Console

- Lighting control is DMX-over-ethernet protocols (sACN)

Dimmers: (468) 2.4kw & (21) 6kw

Road Power Services: (All Three-Phase)

- Stage Left - (2) 200amp
- Stage Right - (4) 400amp 5-wire and camlocks

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Lineset Schedule & Notes

<u>LINESET #</u>	<u>POSITION</u>	<u>DESCRIPTION</u>	<u>NOTES</u>
		PLASTER LINE	
	9"	FIRE CURTAIN (upstage edge of smoke pocket)	
	2'-10"	HOUSE CURTAIN	
1	3'4"	BLACK VELOUR BORDER	Double purchase
2	3'10"	BLACK VELOUR LEGS	Double purchase
3	5'-1"		Main grid 81' ht., begin single purchase ☐
4	5'-9"	ELECTRIC #1	
5	6''5"		
6	7'-0"		
7	7'-9"		
8	8'-6"		
9	9'-0"		
10	9'-6"	BLACK VELOUR BORDER	
11	9'-10"	BLACK VELOUR LEGS	
12	10'-6"		
13	11'-2"		
14	11'-10"		
15	12'-6"		
16	13'-2"		
17	13'-10"		
18	14'-6"		
19	15'-2"	BLACK VELOUR BORDER	
20	15'-10"	BLACK VELOUR LEGS	
21	16'-6"		
22	17'-2"		
23	17'-10"	ELECTRIC #2	
24	18'-6"		
25	19'-2"		
26	19'-10"		

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<u>LINESET #</u>	<u>POSITION</u>	<u>DESCRIPTION</u>	<u>NOTES</u>
27	20'-6"		
28	21'-2"		
29	21'-10"	BLACK VELOUR BORDER	
30	22'-6"	BLACK VELOUR LEGS	
31	23'-2"		
32	24'-5"		
33	25'-1"		
34	25'-9"	BLACKOUT w/ fullness	
35	26'-5"		
36	27'-1"		
37	27'-9"	BLACK VELOUR BORDER	
38	28'-5"	BLACK VELOUR LEGS	
39	29'-1"		
40	29'-9"	ELECTRIC #3	
41	30'-5"		
42	31'-1"		
43	31'-9"		
44	32'-5"		
45	33'-1"		
46	33'-9"		
47	34'-5"		
48	35'-1"	BLACK VELOUR BORDER	
49	35'-9"	BLACK VELOUR LEGS	
50	36'-5"		
51	37'-1"		
52	37'-9"		
53	38'-5"	ELECTRIC #4	Cyc Lights Upon Request
54	39'-1"		
55	39'-9"	BLACK VELOUR BORDER	
56	40'-5"	BLACK VELOUR LEGS	
57	41'-1"	CYC	Move as needed

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<u>LINESET #</u>	<u>POSITION</u>	<u>DESCRIPTION</u>	<u>NOTES</u>
58	41'-9"	ELECTRIC #5	
59	42'-5"		
60	43'-1"		
61	43'-9"		
62	45'-0"		
63	45'-8"		
64	46'-0"		
65	47'-0"		
66	47'-8"		
67	48'-4"		
68	49'-0"		
69	49'-8"		
70	50'-4"		
71	51'-0"		
72	51'-8"		
73	52'-4"		
74	53'-0"		
75	53'-8"	ELECTRIC #6	
76	54'-4"		
77	55'-0"		
78	55'-8"		
79	66'-4"		
80	57'-0"		
81	57'-8"		
82	58'-4"	BLACKOUT	Move as needed
83		SL LIGHTING LADDERS	
84		SR LIGHTING LADDERS	

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Loading Dock Photo

