



Playhouse Square®

Connor Palace Technical Specifications

Stage Door: 1850 E. 17th Street Cleveland, OH 44114 - **24 Hr. Receiving Address (Central Security):** 1650 Chester Ave, Cleveland OH 44114

Stage Specifications:

Seating Capacity: (2,714)

Proscenium opening: (53'-8"w X 26'-9"h)

Grid Height: (79'-0")

Apron Lip to:

- (2'-6") to Plaster Line
- (2'-0") to House Curtain
- (3'-3 1/2") to Line Set #1
- (36'-6") to Last Line Set #42

Plaster Line to:

- Last Line Set #60: (34'-0")
- Up Stage Column: (36'-8")
- Up Stage Wall: (37'-8")
- Balcony Rail: (48'-6")
- Box Booms: (56'-0")
- Perch Lighting Positions: (53'-0")
- Booth: (139'-2")
- Last row of seats Orchestra level: - (114'-0")
- Last row of seats Balcony level: - (129'-0")

Number of Battens: 42 (Single Purchase Counterweight)

Length of Battens: (56'-3")

Baten Extensions: (3'-6")

Number of spot Sheaves: 25

Distance between Battens:

- Line Set #1 - 40 (0'-9")
- Line Set #21 & 22 (2'-0") *No battens
- Line Set #41 & 42 (0'-6")

Travel of Battens: (71'-6")

Last Lineset (#42) to Up Stage Column: (2'-8")

Weight Capacity:

- Line Set #1—40 (1,760lbs)
- Line Set #41 & 42 (1,000lbs)

SR & SL Speakers brackets capacity: (2,000lbs) each

*Please note, weight capacity of the FOH rigging points are (3,000lbs) distributed across 5 points

Lighting Ladder Track (SR & SL): (30'-0")

Stage Specifications:

Stage Right Wing: (43'-10") from Center Line

Stage Right Wing Area: (17'-6"w X 37'-0"d)

Stage Left Wing: (44'-9") from Center Line

Stage Left Wing Area: (17'-6"w X 38'-0"d)

Stage Deck to:

- Lowest Catwalk: SR- (38'-10") / SL - (38'-7")
- Loading Bridge Pin Rail: (SR): (35'-0")
- Audience Floor: (-3'-5")
- Orchestra Floor: (-8'-0")

Loading Dock Doors: (10'-0"h X 7'-9"w) *see page 3 for dock diagram

Freight Elevator: (8'-0"w X 8'-0"d X 8'-0" h)

Orchestra Pit: (46'-0"w X 9'-5"d)

- Avg.# of musicians = 20 persons w/stands & instruments
- Note: Pit ht. Is adjustable fm 12'-0" under aud. floor, to stage level

House Soft Goods:

Legs: - 10 @ (11'-0"w X 31'-9"h)

Borders:

- 3 @ (56'-0"w X 15'-0"h) &
- 2 @ (56'-0"w X 10'-0"h)

Drops:

- 1- Black & 1- White Scrims @ (56'-0"w X 32'-0"h)
- 1- black/2-panel @ (56'-0"w X 32'-0"h) - (28'-0" ea.)
- 1 Cyclorama @ (56'-0"w X 32'-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: Yamaha DM7-EX

- (2) Yamaha RIO3224-DS

Mixing Position: (144'-0") from Plaster Line

Center Line Array:

- (11) Nexo Geo S1210 speakers with Nexo 4x4 amplifier
- (1) Nexo Geo S1230 speakers with Nexo 4x4 amplifier

House Right Line Array:

- (11) Nexo Geo S1210 speakers with Nexo 4x4 amplifier
- (1) Nexo Geo S1230 speakers with Nexo 4x4 amplifier

House Left Line Array:

- (11) Nexo Geo S1210 speakers with Nexo 4x4 amplifier
- (1) Nexo Geo S1230 speakers with Nexo 4x4 amplifier

House Right Ground Stacks:

- (3) Nexo Geo S1230 speakers with Nexo 4x4 amplifier

House Left Ground Stacks:

- (3) Nexo Geo S1230 speakers with Nexo 4x4 amplifier

Front Fills:

- (6) Nexo PS8 speakers with Nexo 4x4 amplifier

Subwoofers:

- (4) Nexo S2 Subwoofers with Nexo 4x4 amplifier

Under Balcony:

Front: - (6) Nexo Geo S1230 speakers with Nexo 4x4 amplifier

Rear: - (5) Nexo Geo S1230 speakers with Nexo 4x4 amplifier

Balcony Perch Delays:

Right: - (4) Nexo Geo S1230 speakers with Nexo 4x4 amplifier

Left: - (4) Nexo Geo S1230 speakers with Nexo 4x4 amplifier

Monitors:

- (8) JBL 4828
- (2) JBL 4873
- (4) JBL 15" wedges
- (1) JBL MP414

Monitor Amplifiers:

- (5) Crown Micro-tech 600
- (4) Crown Micro-tech 1200

4-Channel Clear-Com Stage & Paging System

(1) - 7ft Steinway Black B479071B L1675

Microphone Inventory:

6	Shure Beta 58	1	Shure PG 52	6	Sennheiser 421
3	Shure SM58	4	Shure SM81	4	Sennheiser 441
16	Shure SM57	6	Shure 98	3	Sennheiser 414
4	Shure PG 81	2	Shure SM91	2	RE 20
2	Beyer MCE-5	2	Shure QLXD4 - Beta 58	9	Countryman DI
1	Shure Beta 57	2	AKG C460B	2	Crown PCC 160
4	Countryman 150Max 11-0				

Risers Inventory:

Wenger: (Folding legs & Interlocking):

- (6) 4'-0" X 8'-0" @ 16"h
- (6) 4'-0" X 8'-0" @ 24"h
- (6) 4'-0" X 8'-0" @ 32"h

Wood platforms:

- (6) 4'-0" X 8'-0" @ 8"h

House Lighting Equipment:

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

Spotlights: (4) Lycian 1295 ELT, 3Kw

Inventory:

(48) - 10° ETC Source Four Ellipsoidal

(72) - 19° ETC Source Four Ellipsoidal

(56) - 26° ETC Source Four Ellipsoidal

(120) - ETC Source Four PARNel MFL & WFL lenses available

(24) - PAR 56 300w MFL

Road Power Services: (All Three-Phase)

Stage Left:

- (1) 200amp on DS wall
- (1) 100amp (Isolated 60-cycle sound service)

Stage Right:

- (1) 200amp on US wall

Booth:

- (1) 100amp

Stage Left Jump:

- (4) 3-phase, 4 wire @ 600amps per leg

Lighting Control: ETC Ion Console

Dimmers: (366) 2.4kw & (8) 8kw

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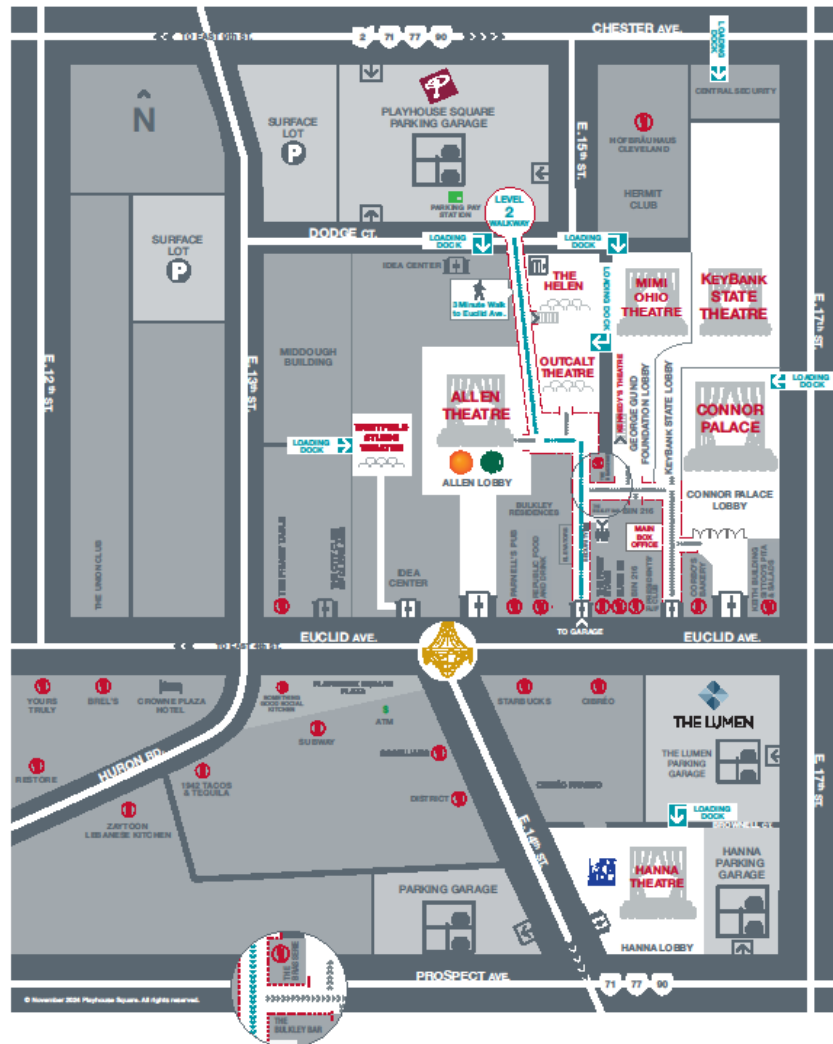
Lineset Schedule & Notes

#	House Hanging Plot	FM 0'-0"	Notes/Road Hang	Notes
0-0	PLASTER LINE	0'-0"		
SP	Smoke Pocket	0'-5"		
HC	House Curtain	1'-3"	HOUSE CURTAIN LINE	
1	Border	1'-8"		
2	Legs	2'-6"		
3	Electric #1	3'-4 1/2"		
4		4'-1 1/2"		
5		4'-11"		RUN from backwall
6		5'-8"		RUN from backwall
7		6'-5 1/2"		RUN from backwall
8		7'-3"		RUN from backwall
9		8'-0"		RUN from backwall
10	Border	8'-9 1/2"		RUN from backwall
11	Legs	9'-6 1/2"		RUN from backwall
12		10'-4"		
13		11'-1"		
14		11'-10"	No Kick Upstage	Structure Beam
15		12'-7"	No Kick Down Stage	Structure Beam
16	Electric #2	13'-4 1/2"		
17		14'-1"		
18	Border	14'-10"		
19	Legs	15'-7 1/2"		
20		16'-4"		
21		17'-1"		
22	Electric #3	19'-7 1/2"	No Kick Upstage	
23		20'-6 1/2"	No Kick Down Stage	
24	Full Stage Black-Out	21'-3"		
25	Border	22'-0"		
26	Legs	22'-9"		
27		23'-6"		
28	Electric #4	24'-2 1/2"		
29		24'-11 1/2"		
30		25'-10 1/2"		
31		26'-7"		
32	Border	27'-4"		
33	Legs	28'-1"		
34	Black Scrim	28'-10 1/2"		
35		29'-7 1/2"		
36		30'-0 1/2"		
37		31'-2"		
38		31'-11 1/2"		
39		32'-8 1/2"		
40	Natural Cyc	33'-6"		
41		34'-3"		
42	Full Stage Black Traveler w/ split	35'-5"		



Connor Palace Technical Specifications

Production Map & Dock Photos





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Loading Dock Diagram

