

KeyBank State Theatre

Revision Date: 9/24/25



Playhouse Square®

Seating Capacity: -----3158 (3086 w/orchestra pit)
Stage Door Access: -----1650 Chester Ave (corner of Chester & E. 17th St.)
24 hr. Receiving Address: -----1650 Chester Ave. (State Theatre Stagehouse)
Cleveland, OH 44114

Proscenium opening: -----51'-5"w 28'-3"h
Stage floor to Valance: -----23'-8" h
Grid height: -----60'-8" short grid 81'-0" main
Lip to Plaster Line: -----5'-0" (apron)
Lip to 0'-0": -----8'-0"
Lip to back wall: -----69'-0", 105'-0" back of bussel
Curtain line to back wall: -----62'-0", 98'-6" back of bussel
Curtain line to lip: -----8'-0"
Plaster line to last line set: -----57'-3"
Last set to back wall: -----6'-0"

Number of battens: -----82
Length of batten: -----62'-0"
Extensions: -----4'-0"
Number of spot sheaves: -----75
avail. lengths of manila: -----30
Distance between battens: -----8"
Travel of batten: -----79'-0"
Weight capacity: -----2280# line sets 1 & 2 (short grid)
-----1500# line sets 3—82

Locking rail to SR wall: -----115'-8"
Fly floor on stage (SL) and @ 35'-0" (pin rail)

STAGE DOOR ACCESS

SL WING: --29'-6" CL to SL: ---49'-9" CL to floor rail: -55'-0"
SR WING: -34'-9" CL to SR: ---52'-9" CL to wall: -----60'-0"
Stage floor to bottom of lowest catwalk: -----35'-0"
Centerline to catwalk: -----SL: 50'-0" ----- SR: 53'-0"
Stage floor to aud. Floor: -----3'-4"
Stage floor to orch. Pit floor: --10'-0" @ playing ht.
Aud. Floor to orch. Pit floor: ---6'-8"
Stage floor to balcony rail: ---11'-0" (vertical plane)
Stage floor to FOH: -----45'-0" perches (vertical plane)
Centerline @ 0'-0" to; balcony rail: -----59'-3"
box booms: -----41'-2" & 53'-9" HL & HR
bridges: -----74'-6" SL73'-10 SR
booth: -----145'-0"
back of last row of seats:
-----125'-0" orchestra
-----143'-0" balcony

Orchestra pit: 49'-0"w x 27'-0"d
top opening 14'-0"@ widest depth
Avg.# of musicians = 80 persons w/stands & instruments

Loading door: 2 doors @ 7'-6"w x 9'-0"h
1 door @ 9'-0"w x 9'-3"h (center)
LOADING DOCK Shore Power:Four 50amp Receptacle
Two on the east dock & two on west dock

SOFT GOODS

Legs: 14 @ 15'-0"w x 40'-0"h
Borders: 7 @ 63'-0"w x 15'-0"h
Scrim: 1 white (filled), 1 black @ 63'-0"w x 30'-0"h
Drops: 3 blackout @ 63'-0"w x 30'-0"h
1 natural cyc @ 63'-0" x 30'-0"

ROAD POWER: 4 set-ups of 3-phase, 4-wire
@ 400amps per leg on SR wall

Spotlights: 4-Lycian 1295 ELT, 3kw (booth)

Lighting: 40Strand Cantata LED FC
6VARI-LITE VL2600 Profile
8Chroma-Q Color Force II 72 (Upon Request)
20ETC Source Four LED Lustr 2
20Strand SL36, 36° ellipsoidal
70Strand SL26, 26° ellipsoidal
20Strand SL19, 19° ellipsoidal
20Strand SL10, 10° ellipsoidal
20Castor/Strand Model 270 Fresnel, 2kw
20Altman PAR64 MFL
10Ladders (5 per side)
10Booms (5 per side)

NOTE: Theatre is contracted w/House Plot unless noted, contact D.P.

Control: **ETC Ion (v.2048) Lighting Console**
4682.4kw dimmers
216kw dimmers

NOTE: Lighting control is DMX-over-Ethernet protocols (sACN)

RISERS: **Wenger** (folding leg, interlocking)
2@ 8"h x 4'x8'
16@ 16"h x 4'x8'
9@ 24"h x 4'x8'
6@ 24-32"h x 4'x8' (Adjustable)

HOUSE POWER

SOUND & HANGING

► see inventory/spec



SCHEDULE

attached

PDF drawings available at:

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

.DWG & VectorWorks available by request

Director of Production: Penny Zaletel 216.640-8546 (penny.zaletel@playhousesquare.org)

Production Manager: Jody Dagg 216.640-8548 (jody@playhousesquare.org)

Production Manager: Tony Hanf 216.640-8670 (tony.hanf@playhousesquare.org)

Technical Project Manager: Liam Roth 216.329-0344 (liam.roth@playhousesquare.org)

Production Supervisor: Heather Cochran 216.373-1352 (heather.cochran@playhousesquare.org)

State Theatre AUDIO EQUIPMENT

A STEREOPHONIC SYSTEM

1—DiGiCo SD10-24 Mixing Console (144 input channels, 64 Aux/Sub-Ground Busses, 24x24 Full Processing Matrix)

114ft fm 0'-0" to standard mix position

1—DiGiCo X-A-4REA4 (128x48+8) Mix Engine (SD-Series 32 bit input card & 32 bit output card)

1—DiGiCo SD Rack 192kHz Multi-Mode HMA (SD-Series 32 bit input card & 32 bit output card)

Stage LEFT Tower

9—Nexo Geo S805 speakers
1—Nexo Geo S830 speakers
4—Nexo CD12 subs
1—Nexo Digital TD NX242 controller
3—Camco Vortex 6 amps

CENTER Cluster

7—Nexo Geo S805 speakers
1—Nexo Geo S830 speakers
3—Nexo CD12 subs
1—Nexo Digital TD NX242 controller
2—Camco Vortex 6 amps

Stage RIGHT Tower

9—Nexo Geo S805 speakers
1—Nexo Geo S830 speakers
4—Nexo CD12 subs
1—Nexo Digital TD NX242 controller
3—Camco Vortex 6 amps

Balcony LEFT

7—Nexo Geo S805 speakers
1—Nexo Geo S830 speakers
3—Nexo CD12 subs
1—Nexo Digital TD NX242 controller
2—Camco Vortex 6 amps

FRONT Fill (speakers across stage lip)

4—EAW JF60MT speakers
1—Crown Micro Tech 1200 amp

Balcony RIGHT

7—Nexo Geo S805 speakers
1—Nexo Geo S830 speakers
3—Nexo CD12 subs
1—Nexo Digital TD NX242 controller
2—Camco Vortex 6 amps

Under BALCONY

16—Nexo PS8 speakers
6—Nexo PS8 amps

Under BOXES

6—JBL Control 25 speakers
4—Nexo PS8 speakers
1—RANC MA3 amp
1—Nexo PS8 amp

AUXILLARY to TOW- ERS

Hung from Box Booms when Towers not in use

1—Crest CA9 amp
4—EAW 832 (on stage)

STAGE Monitors

4—EAW LA 212 wedge speakers
4—EAW LA212 speakers (permanently hung over stage)
3—Crest CA-9 amps

Playback/EFFECTS

2—Marantz PMD 330 CD players

House & TECH monitor/page system

2-channel Clear-Com system
Backstage page & program

Microphones

6—AKG 535
7—Sennheiser 421
8—Sennheiser 441
5—Shure SM58
18—Shure SM57
1—Shure PG 81
1—Barcus Piano Pick-up
2—AKG c568 EB Shotguns
2—AKG 414
4—AKG D330 BT
3—Crown CM31 Hanging Mics
2—Audio Technical P2M AT8531
2—Beyer Mc5 LAV
2—Sennheiser EW100 w/c
2—Shure QLXD4 w/c (Beta 58 HH)
1—Audio Technical U859QL Lectern Mic
2—Audio Technical Lectern Mic

6—Countryman Type 85 DI
3—Whirlwind Director DI
1—Radial JPC PCDI
1—StageBug PCDI
3—Countryman P2M 6
3—Countryman P2M 30

STATE THEATRE, HOUSE HANGING SCHEDULE

<u>LINESET #</u>	<u>POSITION</u>	<u>DESCRIPTION</u>	<u>NOTES</u>
		PLASTER LINE	
	9"	FIRE CURTAIN (upstage edge of smoke pocket)	
WINCH #1	1'-9"	(winch set)	Short grid 59' ht.
WINCH #2	2'-3"	(winch set)	
	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	SPACER PLATE _____
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"		SPACER PLATE _____
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"		SPACER PLATE _____

STATE THEATRE, **HOUSE HANGING SCHEDULE**, PAGE 2

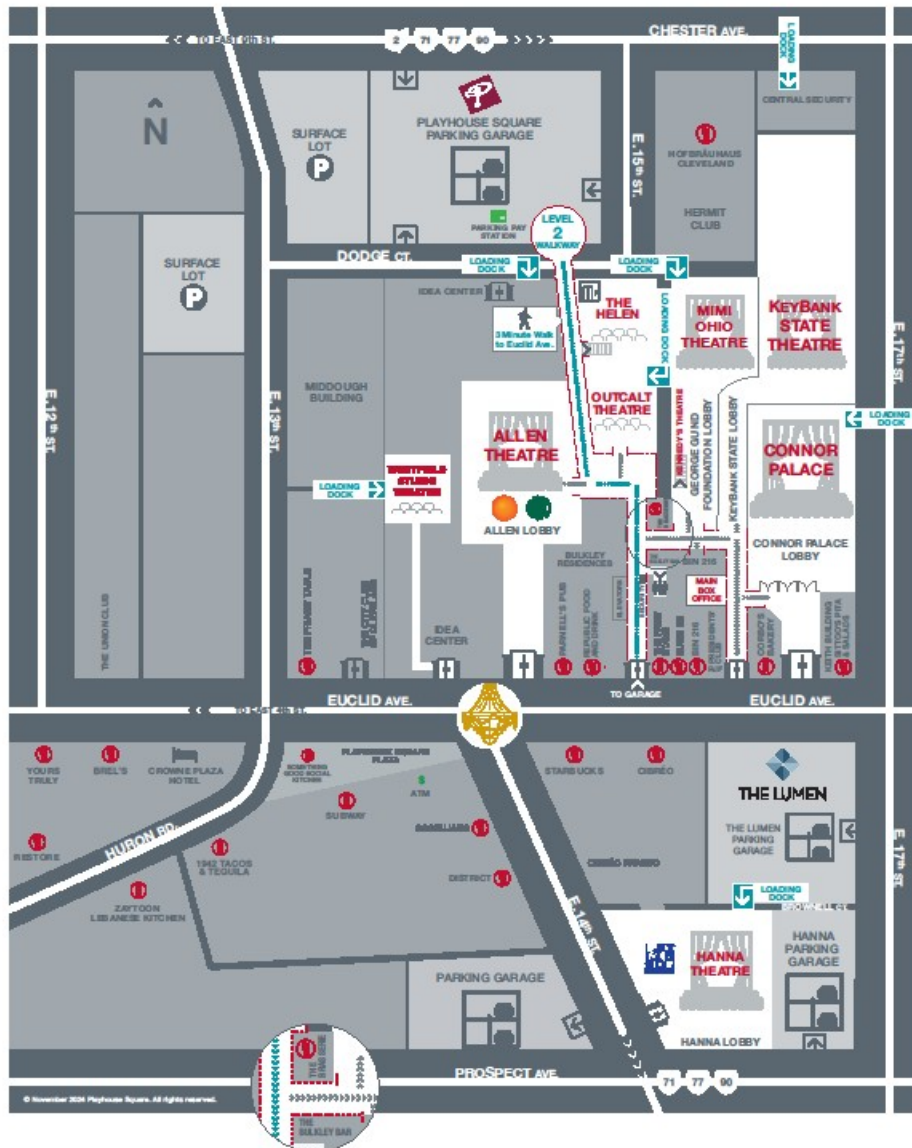
<u>LINESET #</u>	<u>POSITION</u>	<u>DESCRIPTION</u>	<u>NOTES</u>
27	20'-6"		
28	21'-2"		
29	21'-10"	BLACK VELOUR BORDER	
30	22'-6"	BLACK VELOUR LEGS	
31	23'-2"		
32	24'-5"	STRUCTURE BEAM	SPACER PLATE
33	25'-1"		
34	25'-9"	BLACKOUT w/ fullness	
35	26'-5"		
36	27'-1"		
37	27'-9"	BLACK VELOUR BORDER	
38	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"		SPACER PLATE
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	SPACER PLATE
56	40'-5"	BLACK VELOUR LEGS	
57	41'-1"	CYC	Move as needed

STATE THEATRE, **HOUSE HANGING SCHEDULE**, PAGE 3

<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"	STRUCTURE BEAM	SPACER PLATE
63	45'-8"		
64	46'-0"		
65	47'-0"		
66	47'-8"		
67	48'-4"		
68	49'-0"		
69	49'-8"		
70	50'-4"		SPACER PLATE
71	51'-0"		
72	51'-8"		
73	52'-4"		
74	53'-0"		
75	53'-8"	ELECTRIC #6	
76	54'-4"	R.P. Storage	
77	55'-0"		
78	55'-8"	Projection Screen	SPACER PLATE
79	66'-4"		
80	57'-0"		
81	57'-8"	Plastic Storage	
82	58'-4"	BLACKOUT	Move as needed
83		SL LIGHTING LADDERS	
84		SR LIGHTING LADDERS	



Playhouse Square® PRODUCTION MAP





1650 CHESTER AVE, CLEVELAND OH 44114



STATE THEATRE STAGEHOUSE

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