



# STATE THEATRE

Seating Capacity: -----3200 (3098 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

## PlayhouseSquare

Proscenium opening: -----51'-5"w 26'-9"h  
 Grid height: -----59'-4" 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: -----63'-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" SL 73'-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'-0"w x 8'-7"h  
 1 door @ 8'-11"w x 8'-7"h (center)

### SOFT GOODS

Legs: 12 @ 15'-0"w x 40'-0"h  
 Borders: 6 @ 63'-0"w x 15'-0"h  
 Scrim: 2 black @ 63'-0"w x 30'-0"h  
 Drops: 1 black traveler @ 63'-0"w x 30'-0"h  
 1 blackout @ 63'-0"w x 30'-0"h  
 1 natural cyc @ 63'-0" x 30'-0"h

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

Spotlights: 3—Xenon **Strong Supertrooper**, 2kw (booth)

Lighting: 39.....Strand SL36, 36° ellipsoidal  
 167.....Strand SL26, 26° ellipsoidal  
 91.....Strand SL19, 19° ellipsoidal  
 36.....Strand SL10, 10° ellipsoidal  
 24.....PAR 56 strip units  
 8.....ministrips  
 48.....Castor/Strand Model 270 fresnel, 2kw  
 14.....T3 strips, 3-color, 500w w/ hanger  
 14.....T3 strips, 3-color, 500w w/ trunion  
 129.....Altman PAR64 mfl  
 10.....ladders (5 per side)  
 10.....booms (5 per side)

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

Control: **Strand 521i**  
 468.....2.4kw dimmers  
 21.....6kw dimmers

RISERS: **Wenger** (folding leg, interlocking)  
 6 .....@ 8"h x 4'x8'  
 4 .....@ 16"h x 4'x8'

HOUSE POWER



### SOUND & HANGING SCHEDULE

▶ see inventory/spec attached



PDF drawings available at:

<http://www.playhousesquare.com/minisites/specs/>

Technical Director: **Robert J. Rody** ([Bob.Rody@playhousesquare.org](mailto:Bob.Rody@playhousesquare.org))  
 Technical Supvr. Joe Koruska  
 Phone Numbers: 216.771-4444 (administrative offices)  
 216.348-5252 (Rody)  
 216.771-7136 (fax)

House Sound Engineer/Steward:-----Roy VanKeuren  
 House Electrician:-----Thom Shepherd  
 House Carpenter:-----Nick Marino



## A MONAURAL SYSTEM

- 1—YAMAHA M7CL Digital Mixing Console (32x8x2, 8 group out/6 aux/4 matrix out)
- 3—Shure P4800 DSP (digital system processors)



## 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—Crest CKV 800 amplifier

## 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
- 4—Nexo PS8 amps

## Under BOXES

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

## AUXILLARY to TOWERS

- Hung from Box Booms when Towers not in use
- 2—EAW LS832 speakers LEFT
- 2—EAW LS832 speakers RIGHT
- 1—Crest CA9 amp

## STAGE Monitors

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

## Playback/EFFECTS

- 2—Marantz PMD 330 CD players
- 1—Tascam 122 MKII cassette player

## House & TECH monitor/page system

- 2-channel Clear-Com system
- Backstage page & program

## Microphones

- 6—AKG 535
- 6—Sennheiser 421
- 6—Sennheiser 441
- 8—Shure Beta 58
- 8—Shure Beta 57
- 10—Shure PG 81
- 6—Shure PG 56
- 2—Shure PG 52
- 1—Barcus Piano Pick-up
- 8—Countryman Direct Input boxes



**STATE THEATRE, HOUSE HANGING SCHEDULE**

<u>LINESET #</u>	<u>POSITION</u>	<u>DESCRIPTION</u>	<u>NOTES</u>
		<b>PLASTER LINE</b>	
	9"	<b>FIRE CURTAIN</b> (upstage edge of smoke pocket)	
<b>WINCH #1</b>	1'-9"	<b>(winch set)</b>	Short grid 59' ht.
<b>WINCH #2</b>	2'-3"	<b>(winch set)</b>	
	2'-11½"	<b>HOUSE CURTAIN</b>	
<b>1</b>	3'-½"	<b>BLACK VELOUR BORDER</b>	Double purchase
<b>2</b>	4'-2½"	<b>BLACK VELOUR LEGS</b>	Double purchase
<b>3</b>	5'-1½"		Main grid 81' ht., begin single purchase ▼
<b>4</b>	5'-9½"	<b>ELECTRIC #1</b>	
<b>5</b>	6''5¼"		
<b>6</b>	7'-1½"		
<b>7</b>	7'-9½"		
<b>8</b>	8'-5¼"		
<b>9</b>	9'-1¼"		
<b>10</b>	9'-9¼"		SPACER PLATE _____
<b>11</b>	10'-5½"		
<b>12</b>	11'-1½"		
<b>13</b>	11'-9¼"	<b>BLACK VELOUR BORDER</b>	
<b>14</b>	12'-5¼"	<b>BLACK VELOUR LEGS</b>	
<b>15</b>	13'-1½"		
<b>16</b>	13'-9¼"	<b>ELECTRIC #2</b>	
<b>17</b>	14'-5¼"		
<b>18</b>	15'-1"		SPACER PLATE _____
<b>19</b>	15'-9½"		
<b>20</b>	16'-5½"		
<b>21</b>	17'-1¼"		
<b>22</b>	17'-9¼"		
<b>23</b>	18'-5"		
<b>24</b>	19'-1¼"		
<b>25</b>	19'-7½"	<b>BLACK VELOUR BORDER</b>	
<b>26</b>	20'-5½"	<b>BLACK VELOUR LEGS</b>	SPACER PLATE _____

## STATE THEATRE, HOUSE HANGING SCHEDULE, PAGE 2

<u>LINESET #</u>	<u>POSITION</u>	<u>DESCRIPTION</u>	<u>NOTES</u>
27	21'-1½"		
28	21'-9½"	ELECTRIC #3	
29	22'-5½"		
30	23'-1"		
31	23'-9½"		
32	25'-¾"	STRUCTURE BEAM	SPACER PLATE
33	25'-8½"		
34	26'-4¼"	BLACKOUT w/ fullness	
35	27'-¼"		
36	27'-8¼"	BLACK VELOUR BORDER	
37	28'-4"	BLACK VELOUR LEGS	
38	29'-½"		
39	29'-8½"		
40	30'-4½"	ELECTRIC #4	
41	31'-0"		
42	31'-8½"		
43	32'-4½"		
44	33'-½"		
45	33'-8½"		
46	34'-4¼"		
47	35'-½"		
48	35'-8½"	BLACK VELOUR BORDER	SPACER PLATE
49	36'-4½"	BLACK VELOUR LEGS	
50	37'-1"		
51	37'-8½"		
52	38'-4½"		
53	39'-¼"		
54	39'-8½"		
55	40'-3¾"		
56	41'-½"		SPACER PLATE
57	41'-8½"	ELECTRIC #5	

STATE THEATRE, HOUSE HANGING SCHEDULE, PAGE 3

<u>LINESET #</u>	<u>POSITION</u>	<u>DESCRIPTION</u>	<u>NOTES</u>
58	42'-4½"		
59	43'-½"		
60	43'-8½"		
61	44'-4½"		
62	45'-9"	STRUCTURE BEAM	SPACER PLATE
63	46'-4"		
64	46'-11½"		
65	47'-7½"		
66	48'-3½"		
67	48'-11½"		
68	49'-7½"		
69	50'-3½"		
70	50'-11½"	CYC storage	SPACER PLATE
71	51'-7½"		
72	52'-3½"		
73	52'-11½"		
74	53'-7½"		
75	54'-3½"		
76	54'-4"		
77	55'-7½"		
78	56'-3½"		SPACER PLATE
79	56'-11½"		
80	57'-7½"		
81	58'-3½"	BLACKOUT storage	
82	58'-11½"		
83		SL LIGHTING LADDERS	
84		SR LIGHTING LADDERS	