

# CONNOR PALACE THEATRE



Playhouse Square®

Seating Capacity:-----2714

Stage Door Access:-----1800 E. 17th St. (between Euclid & Chester Ave.) **STREET PERMIT REQUIRED for some load-ins**

24 hr. Receiving Address:-----1650 Chester Ave. (State Theatre Stagehouse)  
Cleveland, OH 44114

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

Grid height:-----79'-0"

Lip to Plaster Line-----2'-6" (apron)

Lip to back wall:-----39'-2½"

Curtain line to lip:-----3'-8"

Plaster line to last lineset:-----35'-6"

Last set to back wall:-----0'-6"

Number of battens:-----42

**NOTE: PERMANENT PICTURE SHEET ON LINESSET #6**

Length of batten:-----56'-3"

Extensions:-----3'-6"

Number of spot sheaves:-----25

Distance between battens:-----linesets 1-40 = 9"

Note: 3'-0" space between linesets 21-22—No battens!

linesets 41-2 = 6"

Travel of batten:-----71'-6"

Weight capacity:-----1760# linesets 1-40

1000# linesets 41-2

Locking rail to opposite wall: 88'-8"

Fly floor on stage (SR) and @ 35'-0" (pinrail)

## SOFT GOODS

Legs: 10 @ 11'-0"w x 31'-9"h

Borders: 3 @ 56'-0"w x 15'-0"h

2 @ 56'-0"h x 10'-0"h

Scrim: 1 white, 1 black @ 56'-0"w x 32'-0"h

Drops: 1 black traveler @ 56'-0"w x 32'-0"h

(w/fullness, center split)

1 black/2-panel blackout @ 56'-0"w x 32'-0"h

1 natural cyc @ 56'-0" x 32'-0"h

ROAD POWER: 4 set-ups of 3-phase, 4-wire @ 600 amps per leg  
(on SL jump, 35'-0" fm stage floor, access by freight elevator)

SL: 1—200 amp service, on DS wall

1—100 amp/isolated 60-cycle sound service

SR: 1—200 amp service, on US wall

Booth: 1—100 amp service

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

2—Lycian Super Arc 400 standard throw (perches)

Lighting:

40 .....Source4 10° Ieko

56 .....Source4 24° Ieko

72 .....Source4 19° Ieko

8 .....4-lamp ACL bar

120 .....Source 4 PAR VNS, NSP, MFL & WFL lenses

24 .....PAR 56 300w MFL

14 .....PAR 56 strips

10 .....ray-light converters for PAR 64

20 .....LE Broad Cyc 6571, 3-color, 1k

Control: **ETC Ion Lighting Console v.2048**

366.....2.4kw dimmers

8.....8kw dimmers

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

STAGE DOOR ACCESS

HOUSE ELECTRIC

SL WING:-----17'-6"w x 38'-0"d [44'-9" fm CL]

SR WING:-----17'-6"w x 37'-0"d (Fly rail & access to dressing rm. Tower)

-----[43'-10" fm CL]

Stage floor to bottom of lowest catwalk: -38'-10" SR- 38'-7" SL

Centerline to catwalk:-----32'-0" SR -- 32'-0" SL

Stage floor to aud. Floor:-----3'-5"

Stage floor to orch. Pit floor:-- 8'-0" @ playing ht.

Aud. Floor to orch. Pit floor:--- 4'-7"

Stage floor to balcony rail:---- 11'-0" (vertical plane)

Stage floor to FOH perches:-- 40'-0" light bridges (vertical plane)

Centerline @ 0'-0" to; balcony rail:-----48'-6"

box booms:-----56'-0" HL & HR

perches:-----78'-0" on diag

-----31'-6" off CL

-----53'-0" fm 0'-0"

booth:-----139'-6"

back of last row of seats:

-----114'-0" orchestra

-----114'-0" balcony

Orchestra pit: 46'-0"w x 9'-5"d (also **Spiralift** to dimension)

Avg.# of musicians = 20 persons w/stands & instruments

Note: Pit ht. Is adjustable fm 12'-0" under aud. floor, to stage level

Loading door: 10'-0"h x 7'-9"w, on SL, right angle turn fm truck to  
door on **temporary dock assembly** see page 2

RISERS: **Wenger** (folding leg, interlocking)

6··@··16"h x 4'x8'

6··@··24"h x 4'x8'

6··@··32"h x 4'x8'

4··@··8"h x 4'x8' (black wooden platforms)

SOUND: **Nexo Series PA,**

see sound attachment for equipment, efx & equipment

FILM PROJECTION: screen is permanently hung on lineset #6, masked by traveling legs and border on  
lines 5 & 4 respectively.

Projector: **Kinoton Type FP23**, 35mm, xenon, optical-monaural sound, lenses & apertures for 1.33:1, 1.85:1 & 2.35:1 aspect ratios

Screen: .....20'-6"h x 47'-6"w **Hurly Superglo**, perforated for sound 21'-6" x 48'-6" frame, (20'x47' usable screen area)



PDF drawings available at:

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



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House Electrician/Steward: .....Robert Higham

House Sound Engineer: .....Roy VanKeuren



# CONNOR PALACE



PlayhouseSquare



## SOUND EQUIPMENT A STEREO SYSTEM!



HOUSE MIX CONSOLE: **Yamaha M7CL48**, 48 channel

1 JVC compact disc player

### HOUSE Speaker System and amplification

CNTR Line Array: 11·· Nexo Geo S1210 Nexo 4x4 amplifier  
1·· Nexo Geo S1230 Nexo 4x4 amplifier  
Left Line Array: 11·· Nexo Geo S1210 Nexo 4x4 amplifier  
1·· Nexo Geo S1230 Nexo 4x4 amplifier  
Right Line Array: 11·· Nexo Geo S1210 Nexo 4x4 amplifier  
1·· Nexo Geo S1230 Nexo 4x4 amplifier  
Stack Left: 3·· Nexo Geo S1230 Nexo 4x4 amplifier  
Stack Right: 3·· Nexo Geo S1230 Nexo 4x4 amplifier  
Front Fills: 6·· Nexo PS8 Nexo 4x4 amplifier  
Subs: 4·· Nexo S2 Nexo 4x4 amplifier  
Side balconies: 2·· Nexo Geo S1230 Nexo 4x1 amplifier

### Under Balcony

Front: 6·· Nexo Geo S1230 Nexo 4x1 amplifier  
Rear: 5·· Nexo Geo S1230 Nexo 4x1 amplifier  
Balcony Perch delays  
Left Perch: 4·· Nexo Geo S1230 Nexo 4x1 amplifier  
Right Perch: 4·· Nexo Geo S1230 Nexo 4x1 amplifier

House & Tech monitor/page system:  
a 4-channel Clear-Com System  
stage/backstage page

### MONITOR WORLD

#### MONITOR SPEAKER SYSTEM:

8·· JBL 4828 slants (12" spkr, 1" horn)  
2·· JBL 4873 sidefill (3-way)  
4·· JBL wedge (15")

#### MONITOR AMPLIFIERS:

2 racks for 8 slants, comprised of;  
2·· Crown Micro-tech 600, high  
2·· Crown Micro-tech 1200, low  
2·· BSS crossover/limiter (4ch)  
1 rack for 2 sidefills, comprised of;  
1·· Crown Micro-tech 600, high  
2·· Crown Micro-tech 1200, mid & low  
2·· BSS FDS 360 crossover/limiter  
1·· KT DN 360 (dual)  
2 racks for 4 JBL wedges, comprised of;  
2·· Crown Micro Tech 600  
1·· Drum Sub JBL MPro w/ MP414

### MICROPHONES:

6·· Shure Beta 58  
3·· Shure SM58  
16·· Shure SM57  
4·· Shure PG 81  
1·· Shure PG 52  
4·· Shure SM81  
6·· Shure Beta 98  
2·· Shure Beta 57  
6·· Sennheiser 421  
4·· Sennheiser 441  
3·· Sennheiser 414  
1·· SM91  
3·· Crown PCC 160  
2·· AKG C460B (shotgun)  
9·· Countryman DI type 85  
2·· RE 20  
4·· Countryman 150MAX11-0  
2·· Beyer MCE-5 (installed over organ bays)  
2·· Shure QLXD4 Receivers w/ 2 Shure Beta 58 HH



Typical load-in ...requires obstruction permit filing 3-weeks prior to event!  
Sidewalk & Street may not be obstructed while audience occupies neighboring State Theatre (red brick). [CITY RULE, NON-NEGOTIABLE]



| #        | HOUSE HANGING PLOT           | FM 0'-0"   | NOTES/ROAD HANG              |
|----------|------------------------------|------------|------------------------------|
| PL<br>SP | PLASTER LINE<br>SMOKE POCKET | -4"        |                              |
| 0-0      | 0'-0"                        | 0'-0"      | HOUSE CURTAIN LINE           |
| 1        | BORDER                       | 0'-9"      |                              |
| 2        | LEGS                         | 1'-6 1/4"  |                              |
| 3        | ELECTRIC #1                  | 2'-3 1/4"  |                              |
| 4        | BORDER - SCREEN              | 3'-0"      |                              |
| 5        | LEGS TRAVELER - SCREEN       | 3'-9"      |                              |
| 6        | PICTURE SHEET                | 4'-6 1/2"  | PERMANENT HANG!              |
| 7        |                              | 5'-4"      |                              |
| 8        |                              | 6'-1 1/2"  |                              |
| 9        |                              | 6'-10 1/2" |                              |
| 10       | BORDER                       | 7'-8"      |                              |
| 11       | LEGS                         | 8'-4 3/4"  |                              |
| 12       |                              | 9'-2 1/2"  |                              |
| 13       |                              | 9'-11 3/4" |                              |
| 14       |                              | 10'-9"     | NO KICK ↓<br>STRUCTURAL BEAM |
| 15       |                              | 11'-6"     | NO KICK ↑                    |
| 16       | ELECTRIC #2                  | 12'-3 1/4" |                              |
| 17       |                              | 13'-1/4"   |                              |
| 18       | BORDER                       | 13'-10"    |                              |
| 19       | LEGS                         | 14'-7"     |                              |
| 20       |                              | 15'-4 1/4" |                              |
| 21       |                              | 16'-1 1/2" |                              |
| 22       | ELECTRIC #3                  | 18'-1 3/4" | NOTE GAP TO #21              |
| 23       |                              | 19'-2 1/4" |                              |
| 24       | FULL STAGE BLACK-OUT         | 19'-10"    |                              |
| 25       | BORDER                       | 20'-5 1/2" |                              |
| 26       | LEGS                         | 21'-2 1/2" |                              |
| 27       |                              | 22'-0"     |                              |
| 28       | ELECTRIC #4                  | 22'-9"     |                              |
| 29       |                              | 23'-6 1/2" |                              |
| 30       |                              | 24'-8 1/2" |                              |
| 31       |                              | 25'-6 1/2" |                              |
| 32       | BORDER                       | 26'-2 1/2" |                              |
| 33       | LEGS                         | 27'-0"     |                              |
| 34       | BLACK SCRIM                  | 27'-9 1/2" |                              |
| 35       |                              | 28'-6 1/2" |                              |
| 36       | ELECTRIC #5                  | 29'-3 3/4" |                              |
| 37       |                              | 30'-1 1/2" |                              |
| 38       |                              | 30'-10"    |                              |
| 39       |                              | 31'-7 1/4" |                              |
| 40       | NATURAL CYC                  | 32'-4 1/3" |                              |
| 41       |                              | 33'-2"     |                              |
| 42       | FULL STAGE BLACK TRAVELLER   | 33'-11"    |                              |



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COMMON RAILAGE

**CONNOR PALACE LOADING DOCK**  
**1800 EAST 17TH STREET 44114**



