

ALLEN Theatre

REV.1/16/26



Playhouse Square®

Seating Capacity: 481

Stage Door Access:----- 1410 Dodge Court Cleveland, OH 44114

24 hr. Receiving Address: ----- 1650 Chester Ave. (State Theatre Stagehouse—for parcel delivery)

Proscenium opening: ----- 38'-0" w 25'-0" h
Proscenium height: ----- 28'-8" to bottom of acoustical panel
43'-3" floor to masonry
Grid height: ----- 85'-7"
Lip to 0'-0": ----- 29"
0'-0" to hse curtain: ----- 2'-11 1/8"
0'-0" to #1 lineset: ----- 3'-9"
Smoke pocket to last lineset (#60): - 41'-10"
Smoke pocket to US wall columns: 42'-6"
Smoke pocket to US wall pilaster: -- 43'-10"
Number of battens: ----- 60 (single purchase counterweight)
Length of batten: ----- 62'-0" x 1'-0", 1 1/2" ID
Number of spot sheaves: ----- 40, 8" dia.
avail. polypropylene line: -- 2,500 ft.
Distance between battens: --- 8" o/c
Travel of batten: ----- 79'-0"
Weight capacity: ----- 2,000# per arbor, 61,000# tot. avail.
Locking rail to SR wall: ----- 9'-0"
SR rail to SL column: ----- 95'-0"
Fly floor on stage (SR) and @ 35'-0" (pinrail) 2nd jump @ 50',
load jump @ 80'
SL WING: ----- 33'-1" CL to SL wall pilaster: - 49'-6"

SOFT GOODS

Legs: 12 @ 8'-0" w x 32'-0" h
Borders: 6 @ 62'-0" w x 15'-0" h
Scrim: 1 black @ 62'-0" w x 32'-0" h
Drops: 1 black/2-panel (33'-0" ea.) @ 62'-0" w x 32'-0" h
1 cyclorama @ 62'-0" x 32'-0" h (bleached muslin)

ROAD POWER: all 3 phase

- 1..... 400amp service, basement/trap rm.
- 2..... 200amp service basement/trap rm.
- 1..... 400amp service, USL
- 1..... 200amp service, USL (sound)
- 7..... 400amp service, SL fly floor (@35ft jump)
- 1..... 200amp service, grid SL
- 1..... 200amp service, auditorium ceiling
- 1..... 100amp service, booth

Spotlights: 2—Strong Canto, 1200 watts

Lighting: **Theatre is contracted w/House Plot unless noted, contact D.P. for details or strip-out**

- 70..... 19° ETC SOURCE 4
- 70..... 36° ETC SOURCE 4
- 80..... 26° ETC SOURCE 4
- 40..... 10° ETC SOURCE 4
- 10..... 14° ETC SOURCE 4
- 48..... PAR 64 1kw MFL
- 12..... PAR 64 1kw WFL
- 18..... T3 strips, 3-color, 500w
- 10..... MR16 strip lights

SR WING: ----- 24'1 1/4" CL to SR pinrail: ----- 40'-0"
Stage floor to bottom of lowest catwalk: - 34'-0"
Centerline to catwalk: ----- 34'-0" SL --- 40'-3" SR
Stage floor to aud. Floor: ----- 2'-10"
Stage floor to orch. Pit floor: -- 8'-5" max on **Gala Spiralift**
Stage floor traps: ----- 58 @ 3'x 6'
Stage floor to balcony rail: --- 13'-2" (vertical plane)
Proscenium line to; balcony rail: ----- 46'-0"
box booms: ----- 6'-11" #1, 22'-6" #2, 39'-6" #3
perches: ----- 64'-0" HR & HL
booth: ----- 59'-0"
back of last row of seats: 59'-9" orchestra
64'-0" balcony
Orchestra pit: 42'-0" w x 9'-0" d, 16'-11" extended configuration
Avg.# of musicians = XX w/stands & instruments
8'-4" lip overhang
Loading door: 2 doors, basement level, 1 @ 7'-11" w x 8'-0" h,
1 @ 8'-9" w x 9'-4" h, loading via freight elevator to
stage—7'-11" w x 24'-5" L x 9'-4" h @ 50' per minute &
20,000# capacity

Control: **ETC EOS 4000™** board, FOH w/ ethernet node control
device all via CD80SV dimmers, 17 DMX dry-run stats.

252..... 2.4kw dimmers, FOH
216..... 2.4kw dimmers, STAGE

SOUND: See "Page Two" for detailed spec/inventory

4-channel **Clear-Com** Master Station

SOUND & HANGING SCHEDULE

► see inventory/spec attached



PDF drawings available at:

<http://www.playhousesquare.org/about-playhousesquare->

Director of Production: Penny Zaletel (216) 640-8546 (penny.zaletel@playhousesquare.org)

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Technical Project Manager: Liam Roth (216) 329-0344 (liam.roth@playhousesquare.org)

Production Manager: Heather Cochran (216) 373-135 (heather.cochran@playhousesquare.org)

Production Supervisor: Daniel Zilka (216) 373-3711 (Daniel.Zilka@playhousesquare.org)

Allen Theatre

AUDIO EQUIPMENT

HOUSE LEFT Side Proscenium

2—EAW KF650e speakers
1—EAW MX300iJHS 4-band speaker controller
1—YAMAHA YDP2006 digital equalizer
1—CREST CKS400 amplifier
1—CREST CKS800 amplifier
1—CREST CKS1200-2 amplifier
[lower]
2—EAW KF300e speakers
1—EAW MX300iJHS 4-band speaker controller
1—YAMAHA YDP2006 digital equalizer
1—CREST CKS400 amplifier
1—CREST CKS800 amplifier
1—CREST CKS1200-2 amplifier
[floor]
1—JBL subwoofer cabinet (2-spkrs)

LINE ARRAY

QSC WideLine8 line array
QSC amps dedicated to line array
CMX 800v
CMX 2000v
CMX 500v
CMX 300v

HOUSE RIGHT Side Proscenium

2—EAW KF650e speakers
1—EAW MX300iJHS 4-band speaker controller
1—YAMAHA YDP2006 digital equalizer
1—CREST CKS400 amplifier
1—CREST CKS800 amplifier
1—CREST CKS1200-2 amplifier
[lower]
2—EAW KF300e speakers
1—EAW MX300iJHS 4-band speaker controller
1—YAMAHA YDP2006 digital equalizer
1—CREST CKS400 amplifier
1—CREST CKS800 amplifier
1—CREST CKS1200-2 amplifier
[floor]
1—JBL subwoofer cabinet (2-spkrs)

UNDER Balcony

3—Renkus Heinz TRX62H

House REARS

4—Renkus Heinz TRX62H

HOUSE MIX

CONSOLE: Yamaha CL5 connected to Dante Digital Network System

#1 posit. = behind row ZZ, 140'-0" fm stage, 250' cable run req.

#2 posit. = remove seat rows x-y, 70'-0" fm stage

..... (NOTE: still partially under balcony & requires seat kills in & behind the area ...BEFORE tix on-sale)

EFX

2—YAMAHA Q2031A 1/3 octave graphic equalizer
1—YAMAHA REV500 digital reverb
2—KLARK-TECHNIC DN504 quad compressor/limiters
2—KLARK-TECHNIC DN514 quad auto gate processors
1—MARANTZ PMD510 dual well cassette deck
1—MARANTZ PMD321 CD player
1—PANASONIC SV3800 DAT player/recorder

4-channel **Clear-Com** throughout auditorium, stage & paging in dressing rooms

GRID NOTES AND LINE SCHED-

Locking rail is stage right

Seven (7) pickups per set: 60 sets

Second locking rail & pin rail @ 25' S.R.; also pin rail SL.

Gallery at 50' SR.

Original procenium 53'-4" w/new PL/0'-0" = 38'-0"; 28'-9" to bottom of acoustical panel, 43'-3" to masonry

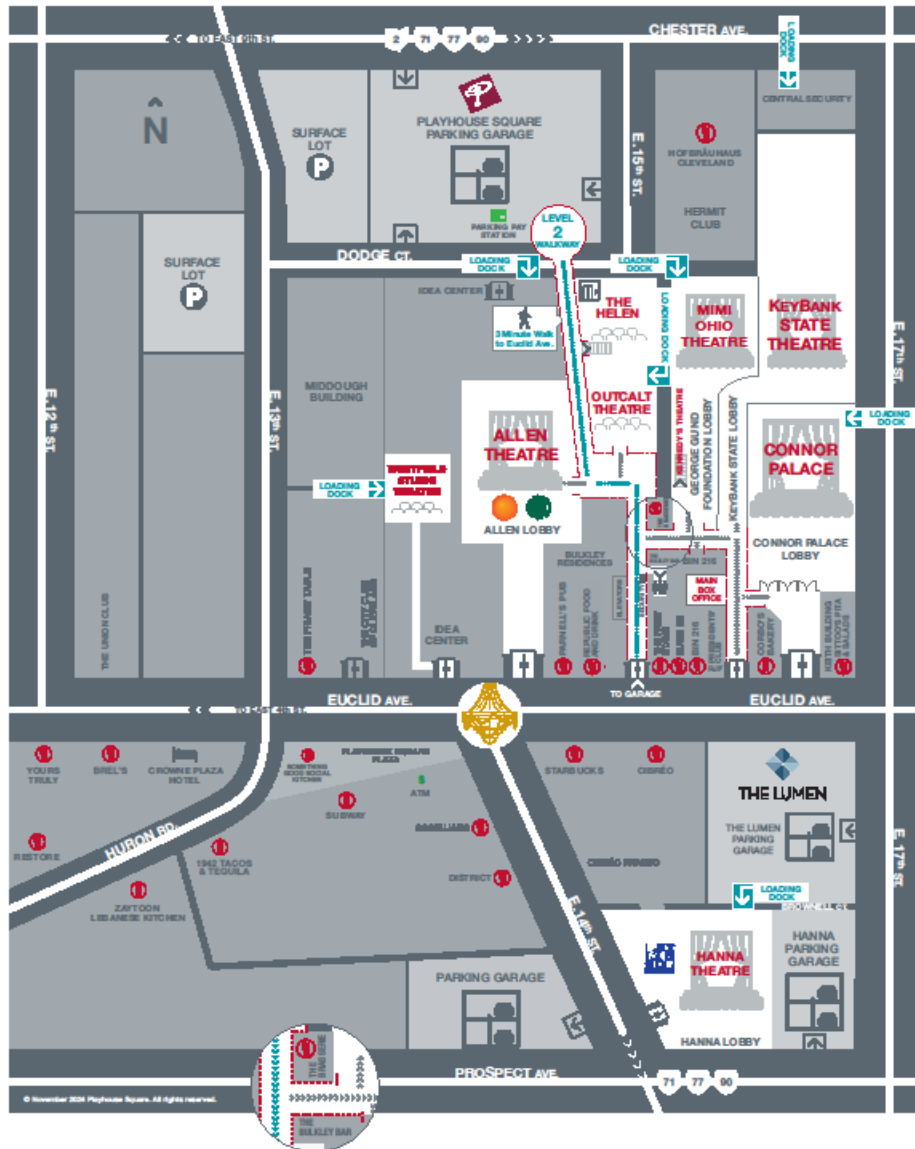
Grid 85'-7"

Grid extends 1'-9" downstage of the fire curtain pick ups

LINESET#	POSITION	DESCRIPTION	NOTES
	2'-8"	<u>HOUSE CURTAIN</u>	GUILLOTINE
1	3'-9"	BORDER	
2	4'-5"	LEGS	EVEN W/PROCENIUM
3	5'-1"		
4	5'-9"		
5	6'-5"	1ST ELECTRIC	
6	7'-1"		
7	7'-9"		
8	8'-5"		
9	9'-1"		
10	9'-9"		
11	10'-5"		
12	11'-1"	BORDER	
13	11'-9"	LEGS	
14	12'-2"		
15	13'-1"		
16	13'-9"	2ND ELECTRIC	Column between #15 & 16
17	14'-5"		
18	15'-1"		
19	15'-9"		
20	16'-5"		
21	17'-1"		
22	17'-9"	BORDER	
23	18'-6"	LEGS	
24	19'-1"		
25	19'-9"		
26	20'-6"	3RD ELECTRIC	
27	21'-1"		
28	21'-9"		
29	22'-5"		
30	23'-1"	2-panel BLACKOUT	



Playhouse Square® PRODUCTION MAP





PARKING GARAGE WALKWAY

#1

#2

STAGE DOOR

ALLEN THEATRE DOCKS