

ARIE CROWN THEATER
McCormick Place – Chicago



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The theater has three seating configurations:

Maximum Capacity

Main Floor: 2,374 seats
Balcony: 1,821 seats
Boxes: 72 seats
Total: 4,267 seats

Mid-Sized Capacity with Curtain Walls

Main Floor: 1,625 seats
Balcony: 1,062 seats
Boxes: 72 seats
Total: 2,759 seats

Minimal Capacity with Curtain Walls

Main Floor: 1,625 seats
Balcony: 355 seats
Boxes: 72 seats
Total: 2,052 seats

TECHNICAL SPECIFICATIONS

FACILITIES

Loading Dock:

Two covered truck berths with a 100' long interior holding and storage area that enters onto stage left.

Orchestra Pit:

Variable height from stage levels to 10' below. Curved face with 16' – 5" depth at centerline. Can also be used as extra seating for eighty (80)

Dressing Rooms:

Ten – 2 person dressing rooms with lighted dressing
Tables and bathrooms with showers.

Two – 40 person chorus rooms with lighted dressing tables and attached bathrooms.

One - Newly remodeled "STARS" dressing room on stage left with a sitting room and bathroom facilities.

One - full size wardrobe room with washer and dryer.

One - "Green Room" with 10 person conference table and 3 separate conversation areas (Over-stuffed leather chairs and coffee table)

UNION AFILIATIONS

The stage crew is represented by the International Association of Theatrical Stage Employees ("IATSE") Local No. 2 Stage Hands and Local No. 110 Projectionist

The standard house union crew consists of the following six (6) working department heads: two (2) carpenters; two (2) electricians; one (1) audio technician; and one (2) prop master.

Any additional technicians will be represented by IATSE Local No. 2 and 110 at Licensee's expense. The Teamsters Union at the Arie Crown

Theater will assist Licensee in bringing in additional gear and Licensee will be billed accordingly.

STAGE DIMENSIONS

Proscenium:

90'-0" wide x 40'-0" high

Stage Width:

Centerline to SL wall: 91' -0"

Centerline to SR lock rail: 83' -6"

Stage Depth:

Plaster line to rear of loft space: 52' -10"

(58' wide x 20' deep x 30' high alcove behind this space)

Plaster line to lip of stage: 5'-7"

When the curved hydraulic orchestra pit is raised there is an additional 16'-5" of stage depth at the centerline.

Floor:

The center 81' is a wood dance floor. The entire stage and orchestra pit is covered with light gray linoleum.

Rigging and Soft goods:

There are 59 lines sets, 108' long battens with an arbor capacity of 3,400 pounds. General spacing is 8" O.C. The grid iron is 92'-8" above the floor. There are 3 electrically operated forestage battens, one of which is a concert border light.

The stage is equipped with black velour legs, travelers and borders. There is a cyc, a scrim and electrically operated blue velour, front house traveler curtain with matching teaser border.

LINE SET

Pipe	Distance	Description
#1	2'-6"	Blue Grand Traveler (57' x 2 W by 48' H)
#2	3'-6"	Blue Valance (108' W by 24' H)
#3	4'-3"	Empty
#4	5'-1"	#1 Electrics (Spot Pipe)

#5	5'-9"	Empty
#6	6'-5"	Empty
#7	7'-1"	Empty
#8	7'-9"	Empty
#9	8'-7"	Electrics #2 (Border Lights)
#10	9'-3"	#1 Legs (57' x 2 W by 40' H)
#11	9'-11"	Border (108' W by 18' H)
#12	10'-7"	Empty
#13	11'-11"	#3 Electrics (Spot Pipe)
#14	12'-7"	Empty
#15	13'-3"	Empty
#16	13'-9"	Empty
#17	14'-3"	Empty
#18	14'-11"	#4 Electrics (Border Lights)
#19	15'-7"	Empty
#20	16'-3"	#2 Legs (57' x 2 W by 40' H)
#21	17'-11"	Border (108' W by 18' H)
#22	18'-7"	Empty
#23	19'-3"	Empty
#24	19'-11"	Empty
#25	21'-7"	#5 Electrics (Border Lights)
#26	21'-7"	Border (108' W by 16' H)
#27	22'-3"	#3 Legs (37' x 2 W by 40' H)
#28	23'-3"	#6 Electrics (Spot Pipes)
#29	23'-11"	Empty
#30	24'-7"	Empty
#31	25'-3"	Empty
#32	25'-11"	Empty
#33	26'-11"	#7 Electrics (Border Lights)
#33A	27'-8"	Empty
#34	28'-7"	#4 Legs (37' x 2 W by 40' H)
#35	29'-6"	Border (108' W by 16' H)
#36	30'-5"	Empty
#37	31'-1"	Empty
#38	31'-9"	Empty
#39	32'-5"	Empty
#40	33'-5"	#8 Electrics (Border Lights)
#41	34'-4"	Empty
#42	35'-0"	#5 Legs (57' x 2 W by 40' H)
#43	35'-8"	Border (108' W by 16' H)
#44	36'-9"	Empty
#45	37'-9"	Empty
#46	38'-7"	Empty
#47	39'-5"	Empty

#48	40'-3"	#9 Electrics (Border Lights)
#49	41'-1"	#6 Border (108' W by 16' H)
#50	41'-11"	#6 Legs (57' x 2 W by 40' H)
#51	43'-0"	#10 Electrics (Border Lights)
#52	44'-0"	Empty
#53	45'-0"	#11 Electrics (Border Lights)
#54	46'-10"	White Scrim w/Black Legs (43'-6" W)
#55	47'-8"	#12 Electrics (Border Lights)
#56	48'-4"	Empty
#57	49'-4"	Empty
#58	50'-0"	Empty
#59	50'-8"	Cyc Bounce (98' W by 50' H)

LIGHTING

ON-STAGE

12 fixed electrical battens on-stage that include:

Spot Pipes: 5,13,28
30 –2KW fresnel (per pipe)

Border Light Pipes: 9,18,25,33,40,48,51,53,55
pipes with 500 watt par 56 border lights with red, green, amber and blue rhondels.

Cyclorama footlights with colored rhondels.
E.T.C. Source 4 instruments located at the cloud bridge, balcony rail, high mast, box boom rails and tormentor positions.

They include:
5, 10, 19, and 26 degree lamps
3 Xenon Gladiator spotlights
E.T.C. Sensor dimmers
E.T.C. "Expression 2X" light board backstage right
E.T.C. "Concept 2X" light board in main light booth
1 "Up-right Scaffold" focusing man lift (38')

ELECTRICAL

Company Switches:

4- 400 AMP, 120/208 v. 3 phase upstage right

- 2- 100 AMP, 120/208 v. 3 phase upstage right
- 2- 60 AMP, 120/208 v. 3 phase upstage right
- 2- 100 AMP, 120/208 v. 3 phase
 - one D.S.R.
 - one D.S.L. on an isolated ground for sound

SOUND

Consoles:

D1 Live Custom System

This configuration of the below-specified hardware will provide a D1 Live system with redundant power supplies in the control surface and rack.

Stage rack: 56mic inputs, 32 line outputs.

Control Surface:

D1-48DP/DR Control Surface/DSP Engine (96-channel Processing)
Control Surface flight case

Stage DigiRack:

Local DigiRack (includes DigiRack frame, PSU, MADI Ports)

Seven A to D input Cards (Eight mic/line input Card)

Four D to A Output Cards (Eight line output Card)

5m MIDI cables

Amps:

Crest

CKS/CKV Total 13,000

Speakers:

3 EAW Flown Clusters

4 ASV full range balcony speakers flown from clouds, additional upper balcony, under balcony, continuous stage lip speakers as well as back wall and side wall EFX speakers.

4 Yamaha monitor speakers – passive – 400 watt

A road sound board can be tied into the balcony, upper balcony, stage lip and EFX speakers to fill and augment a traveling sound system.

Additional Equipment:

Processing equipment, a varied assortment of microphones, playback and record machines, 4 channel Clearcom Communication, dressing room program and announce system, tie lines and snakes, two – 100 AMP, 3 phase, isolated ground electrical company switches and an infrared hearing impaired system.

Misc. Staging and Furniture:

An assortment of 4' x 8' parallel platforms in 1, 2 and 3 foot heights (with or without wheels)

Curved choral risers

Music stands

Lecterns

Two Pianos

- 9ft Steinway Grand - Model D

- Yamaha Upright – Model U1

Leather arm chairs,

Padded fixed chairs

Folding chairs