

Jesse H. Jones Hall for the Performing Arts

615 Louisiana St
Houston, TX 77002



TECHNICAL INFORMATION

UPDATED
May 2019

<http://www.houstonfirsttheaters.com/JonesHall.aspx>

SEATING CAPACITY

Total capacity: 2,912

Orchestra: 1,527 seats
Pits seats (removable): 108 seats
Wheelchair accessible positions: 28 spaces
Wheelchair companion: 29 seats
Level total: 1,692 seats

Mezzanine: 326 seats
Boxes: 106 seats
Grand Tier: 180 seats
Level total: 612 seats

Balcony (optional): 608 seats

STAGE INFORMATION

Stage floor is maple, stained a lighter shade than the teak walls of the audience chamber. Fastener holes must be predrilled and plugged.

Proscenium width	61'
Hard legs close to	48'
Grand curtain opens to	45'
Proscenium height	31'
Hard teaser closes to	18'
Plaster line to back wall	50'
Apron	3' 6" at center
Orchestra pit	50' wide x 18' deep x 11' deep at ends - Hydraulic, adjustable to 18' below stage
Stage floor to grid	82'
Counterweight system	65 linesets, double purchase Arbor capacity is 900 lbs iron or 1,100 lbs lead.

NOTE: Most system pipes are 2-3/8" in diameter

Electric service road switch	3 ea 400 amp 3 phase 4-wire stage right with ground
Sound power road switch	200 amp 3 phase 4-wire, stage left dedicated ground
Spotlights	4 ea, Strong Xenon Super Trooper, 2K

DRESSING ROOMS

12 dressing rooms available, accommodations for about 100. All equipped with lighted table mirrors, utility outlets and one full length lighted mirror, plus built in hanging racks. Phone outlets are installed in all dressing rooms.

Stage Level

Dressing Room #	# of People	Bathroom & Shower	Wheelchair Accessible	Other
401	1	✓	✓	Piano
402	1	✓		
403	1	✓		
404	1	✓		Sofa

Wardrobe Level

Dressing Room #	# of People	Bathroom & Shower	Wheelchair Accessible	Other
601	2	✓ shared w/ 603		
602	2	✓ shared w/ 604		
603	2	✓ shared w/ 601		
604	2	✓ shared w/ 602		
605	20	✓		

Chorus Level

Dressing Room #	# of People	Bathroom & Shower	Wheelchair Accessible	Other
702	20	✓	✓	
703	20	✓	✓	

Traps Level

Dressing Room #	# of People	Bathroom & Shower	Wheelchair Accessible	Other
	20	✓		

LAUNDRY ROOM

Located on Wardrobe level, accessible via elevator and stairs, two washers and two dryers.

MUSICIANS' LOUNGE

Musicians' level (traps). Bathroom, sofas, and tables. Generally, one for men and the other for women. Showers in men's lounge.

REHEARSAL ROOM

50' x 70', sound-proofed with one mirror wall and ballet barre.

LOADING DOCK

Located on Texas Ave between Louisiana Ave and Milam St. Large semis require permits and the presence of HPD. Permits can be obtained through the Houston First Event Manager.

- Door A: 14' high x 9'10" wide, 48" above ground.
- Door B: 8' high x 9' wide, 44" above ground. Dock board available.
- Dock is on the sidewalk and very close to the street. Trucks blocking the sidewalk must move as soon as empty. Loading or unloading semis that block traffic lanes are forbidden between 7am and 9am on weekdays.
- Both docks require dock plates.
- Trucks may be staged prior to load-in. Consult with Foundation for Jones Hall Technical Director for staging information.
- There is a stacking motor SL.

Backstage Freight Elevator

- 10' long x 7' wide x 7'6" high.
- Door is 5'6" wide x 7' high. Capacity is 8,000 lbs.
- Located SL with access to all dressing rooms, traps, and rehearsal room.

FLY SYSTEM

Fly system is double purchase counterweight. The fly floor is 32' above the stage left deck and accessible from the wardrobe level. The grid and loading bridge are accessible from the fly floor level via a circular stairway. A middle loading bridge is accessible from a ladder on the fly floor.

NOTE: Most system pipes are 2-3/8" in diameter

Grand Curtain

Operates as a guillotine from SL deck and/or fly floor, or as a traveler from SR.

System

- Double purchase counterweight.
- Pipes are 72' long, travel is 77'.
- 65 linesets at 8" centers with 5 lift lines per set.
- Arbor capacity is 900 lbs iron or 1,100 lbs lead.
- Weight available is 25,900 lbs above pipe weight.
- Loft blocks are movable.
- 14 spot wheels available.
- Pin rail is SR.

NOTE: Most system pipes are 2-3/8" in diameter

ORCHESTRA SHELL

- Ceiling pieces are permanent. In storage position, they are at the following distance from the plaster line:
 - #1, 9'8" to 11'
 - #2, 23'8" to 25'
 - #3, 34'8" to 35'4"
- The following linesets are blocked by the ceiling pieces in storage: 10, 11, 12, 30, 31, 32, 45, 46. See lineset schedule for more information.
- Shell towers are on casters and generally store upstage against the back wall.

HOUSE DRAPES

- Gypsy Red velour grand curtain
- 5 sets of black legs, sewn flat
- 5 black borders, sewn flat
- 2 black backdrops
- 1 black scrim
- 1 white scrim
- 1 natural bounce/cyc

RISERS

- 16 ea. 4' x 8' platform tops
- 16 sets of legs in 8", 16", 24", and 32" heights
- Skirting available

ELECTRICAL

Road Switch

- Switch A, 3 phase, 400 amp 4 wire + ground for portable dimmers.
- Switch B, 3 phase, 400 amp 4 wire + ground, extra.
- Switch C, 3 phase, 400 amp 4 wire + ground, extra.
- Switch D, 3 phase, 200 amp 4 wire + dedicated ground for sound.
- Switches D + E are stage left.
- Switches A, B, and C are stage right.
- Light booth power is 2 disconnects, 3 phase, 50 amp 4 wire.

Front of House

- All FOH circuits transfer at stage right tie ins.
- Cove 60' from proscenium, 80' wide with 24 circuits.
- SR horizontal rail is 50' from proscenium with 8 circuits in front of box seats.
- SL horizontal rail is 50' from proscenium with 8 circuits in front of box seats.
- Transfer circuits are 20A stage pin located on SR side wall next to road switch.

FRONT OF HOUSE EQUIPMENT

- Front of house fixtures are removable.
- The cove lighting is grouped due to the pod configuration of the acoustically adjustable ceiling.
- Cove is equipped with 24 Source Four 10° fixtures (5° lens tubes are available).
- Box Boom left and right are equipped with 14 Source Four 19° fixtures each, on twofers. The bottom 3 pairs of fixtures are Nexeras.
- Two Clay Paky Alpha 700 fixtures are mounted in the ceiling L+R near the cove.
- Four Mac Quantum Wash fixtures are mounted in the ceiling near the Clay Paky fixtures.

Follow Spots

4 Xenon 2,000 watt Super Troopers. Two in the sound and lighting control booth locations, 160' from proscenium. Movable. Two in cove pods, not removable.

Light Fixtures

- 115 Source Four Par with Lens Kit
- 382 Source Four Leko bodies
 - Lens tubes:
 - 20 5°
 - 25 10°
 - 130 19°
 - 115 26°
 - 81 36°, 14 EDLT 36°
 - 30 50°
- 12 MoleFar Cyc-strips, 3Ckt, 1000W
- 24 8" Fresnel
- 34 Source IV Iris Unit
- 12 Nexera Color Changing Fixtures, mounted in FOH box booms
- 4 Quantum Wash fixtures, mounted in FOH ceiling
- 2 Clay Paky Alpha 700 fixtures, mounted in FOH ceiling
- 35 Showline SL 520 LED Light Bars

Cable and Multi Cable

- Veam 6 circuit
 - 10 25'
 - 2 50'
 - 3 75'
 - 4 100'
 - 2 125'
 - 12 Breakout
 - 21 Breakin
- Stage pin jumpers
 - 10' 75
 - 15' 25
 - 50' 60
 - 75' 5
- 140 stage pin twofers

Dimmers, House Circuits, and Control

- 300 Strand dimmers, 2.4K, dimmer per circuit
- 48 Strand dimmer portable rack
- ETC Ion 2X20 in booth with wireless remote, networked to backstage
- ETC Fader Wing with Puck backstage
- 22-6 circuit multi cables drop from the grid stage right for overhead circuits.
- 16-4 circuit floor pockets for deck circuits. Consecutive dimmers jump across stage:
Odd – stage left; Even – stage right.

NOTE: Most system pipes are 2-3/8" in diameter

SOUND EQUIPMENT

Main Source Equipment

- FOH Mixer is a Venue Profile, 48 channels.
- Monitor Mixer is a Yamaha LS9-32
- Main speaker system is a D&B Qi1 vertical line array with 10 loudspeakers per side, flown left and right and 2 center fill
- 4 D&B J Subwoofers
- 4 D&B Q7 loudspeakers - can be used for front or side fill
- 16 D&B 4S loudspeakers for front fill
- 8 EAW 200 monitor wedges

Balcony Fill Speaker System

- d&b Qi7 speakers on delay

Under Mezz System

- d&b E8 speakers on delay

Stage Monitor System

- Yamaha LS9-32
- 8 EAW SM200IH Monitor speakers
- QSC PLX 2402 Amplifiers

Microphones

• Shure	SM 57	10
• Shure	SM 58	20
• Shure	Beta 58	6
• Shure	Beta 87A	4
• Shure	KSM 137	8
• Shure	SM 81	8
• Shure	UHFR	8
• Shure	Beta 52	1
• Shure	Beta 98	6
• Shure	Beta 98h	2
• Sennheiser	MD 421	4
• Sennheiser	MD 441	4
• Sennheiser	E 906	4
• AKG	C 391	3
• AKG	C 414	6
• AKG	C 451	6
• AKG	D 112	1
• AKG	C 747	3
• DPA	4099P	5
• Meyer	M88	6
• EV	RE-20	5
• EV	4060	3

Road Console Guest Mix Position

Located on Mezzanine crossover, no seat removal necessary. For rear orchestra position, seat removal is necessary. 250' mult run from either position to stage left. House system access is from mezzanine position or backstage left.

Communications

Stage Manager's console stage right has paging system for dressing rooms and musicians' lounges. Show feed can be sent to the dressing rooms from this location.

Intercom

Lines run to light and sound booth, follow spot pods, stage left and fly floor.

- 5 portable BOH radios with speaker microphone
- 7 wireless Clear-Com FreeSpeak headsets with 4 channels

INTERNET

All access to Internet is coordinated through the Houston First Event Manager, and incurs a fee.

CONTACT INFORMATION

Houston First Building Management

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