



CITY SPRINGS

Performing Arts Center at City Springs

PERFORMANCE HALL TECHNICAL SPECIFICATIONS

STAGE DIMENSIONS:

Overall Stage dimension	41'-0" D x 89'-2" W
Shell Storage	13'-8" D x 22'-0" W
Proscenium opening	50'-0" W x 28'-0" H
Plaster Line to upstage wall (Depth)	41'-0"
Plaster Line to last line set	39'-0"
Plaster Line to apron edge (pit extend)	17'-2"
Stage width (excl fly rail)	89'-2"
Center Line to stage left rigging	42'-7"
Center Line to stage right wall	46'-7"
Grid height	62'-0"

AUDITORIUM SEATING:

Orchestra Pit	41
Orchestra Fixed	510
Orchestra Side Boxes	24
Orchestra Rear Boxes	20
Loge Fixed	183
Loge Side Boxes	24
Balcony Fixed	244
Balcony Side Boxes	24
Total	1,070

DRAPERY SCHEDULE:

Main Border: 68'-0" W x 10'-0" H

Main Drapery: Bipart, each panel 35'-6" W x 28'-0" H

Borders: 2 @ 68'-0" W x 10'-0" H

Borders: 2 @ 68'-0" W x 8'-0" H

Legs: 6 @ 15'-0" W x 28'-0" H

Mid Stage Traveler: Bipart, each panel 35'-6" W x 28'-0" H

Cyclorama: White Leno, 57'-0" W x 28'-0" H

Scrim: Black Sharkstooth, 68'-0" W x 28'-0" H

Main drape and valence are custom color IFR Prestige velour at 75% fullness

All masking is Black IFR 25 oz Charisma velour sewn flat

STAGE DECK:

Sprung, 1/4" tempered hardboard surface painted black over two (2) layers of 5/8" plywood on Robbins Bio-Channel Classic sleepers with integral stop blocks (18" centers)

ORCHESTRA PIT:

Mechanized pit lift with Gala Spiralift mechanism. At pit level, the pit is 9'-10" deep at center x 46'-7" wide. At orchestra level, the pit is 15'-10" deep x 44'-7" wide.

FLY SYSTEM:

46 single purchase counterweight linesets with 68' long battens, each with 4' batten extensions. Lineset capacity is 2,088 lbs. each. 3 linesets are motorized counterweight assist and dedicated to orchestra shell ceiling, which cannot be moved. Fly gallery located stage left. Lineset schedule is available upon request.

ORCHESTRA SHELL:

Wenger DIVA tower and ceiling system. Eleven (11) @ 11’ (nom) wide x 28’ tall towers, and three (3) @ 11’ (nom) deep ceiling panels with integrated lighting. Towers include flip-down reflectors at 18’ designed to bring some sound energy back to orchestra. Largest effective usable area within shell is approximately 53’ wide x 36’ deep (from plaster line).

PERFORMANCE LIGHTING:

ETC Gio console with Fader Wings, ETC Sensor3 Dimmer Racks, and ETC IQ Relay Panel. Complete theatrical lighting package consisting of Ellipsoidal Long Throw, LED Ellipsoidal, LED Wash, Cyc Lighting Instruments, Followspots, and all necessary accessories and cables.

HOUSE AUDIO:

- Digico SD10 Console and SD rack with 48 inputs and 48 outputs
- A left / right array consisting of 12 L’Acoustics Kara cabinets
- Side delay speakers for box fills: L’Acoustics X8
- 18 L’Acoustics X12 stage monitors (passive), and 6 @ L’Acoustics 112P Powered monitors shared in building
- Amplifiers are L’Acoustics
- The house DSP takes main speaker feeds and relay feeds, process them and feeds them to house speaker positions, including fill and delay speakers. This signal may also be routed to the relay system and the ALS system.

INTERCOM / STAGE MANAGER’S SYSTEM:

The intercom system is a 4 channel digital party line system (Clearcom Helix Net).

- (18) belt packs and headsets are provided.
- There are remote stations at both stage manager’s consoles (onstage and one portable for control booth or tech table).
- Wall stations are provided at house management locations.

VIDEO AND PROJECTION SYSTEMS:

A Crestron Digital Media system provides transport of video throughout the theatre. Signals are converted from their native format (including S-Video, RGB Component, Composite, HDMI, DVI, and Displayport) for projection in HDMI. Sources: Blu-Ray / DVD Player, (2) computer interfaces.

Projector: Christie CP4220 DLP Cinema Projector

Screen: Draper Stagescreen Flown 40’ x 22’ native screen flown on rigging lineset.

SHOW POWER:

Stage Right: (1) 400A, (1) 200A
 Stage Left: (1) 200A (Isolated Ground for Sound)
 Grid Level: (1) 100A

SHORE POWER:

(1) 200A (Isolated Ground, Video truck)
 (1) 100A
 (1) 60A

GREEN ROOM / DRESSING / WARDROBE:

All support spaces are located at stage level behind stage

- Star: Four (4) star dressing rooms with dedicated toilets, sinks and showers.
- Chorus: Two (2) chorus dressing rooms with dedicated restroom facilities and shower.
- Green Room: One (1) green room with small kitchenette located off of dressing room corridor backstage.
- Wardrobe: One (1) wardrobe / laundry room with laundry sink.
- Rehearsal: Flexible rehearsal or staging space immediately behind stage.