

**HCPA** 

**HIGLEY CENTER**

FOR THE PERFORMING ARTS

**Concert Hall  
Technical Specifications**

Revised 09-25-2018

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## **HCPA Overview**

The Higley Center for the Performing Arts was built by the Higley Unified School District #60 and opened in the spring of 2006. The 37,500 sq. ft. facility, which has a 1235 Seat Concert Hall and a 186 seat Little Theater. Annually, over 550 productions are displayed on the HCPA stages.

The Center is well equipped for basic productions and continues to build its inventory of professional theatrical, sound and lighting equipment. The following technical specifications are current as of the date show on the cover page of this document. The Higley Unified School District reserves sole discretion as to the nature of events and productions that take place in the Center.

## **Contact**

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## **A. Seating Area (House)**

1221 fixed seats

14 handicap – each handicap seat has one (1) companion seat and are located in the following positions:

Six (6) in front row

One (1) far left and one (1) far right mid-house

One (1) left and one (1) right of the mixing position

One (1) far left and one (1) far right of the mixing position

One (1) in each rear seating section left and right of main entrance

Seating divided into five sections:

House left - 327 fixed + 3 handicap

Center - 242 fixed, 6 - handicap

House right - 327 fixed, 3 - handicap

House left rear - 162 fixed, 1 - handicap

House right rear - 163 fixed, 1 - handicap

Sound and light control (open booth) located behind center seating area.

Three entrances located on each side of the auditorium with the main entrance located directly behind the mixing position.

“Listen” Infra-red assisted listening devices are available. Please request at least one week in advance.

## **B. Parking**

Main parking is located on the west side of the complex. Additional parking is available east of the Center and north of the adjacent high school.

## **C. Access to Stage**

Principal Loading Dock

Dock at stage height, single bobtail truck with additional parking for second bobtail truck and two tour buses, single automatic door 12 feet tall by 10 feet wide. Equipment must be lifted or ramped off of truck. Pallet jack and fork lift available if requested early.

Stage Loading Door is the same dimensions as the loading dock door.

## **D. Backstage Support**

Two (2) chorus size dressing rooms (Male and Female)

Each has 6 individual make-up stations, Max occupancy is 30.

Each are equipped with toilets, showers and lockers. User must supply his/her own lock.

One (1) green room

Kitchen amenities available. Additional charges may apply if office equipment is requested.

Little Theater

The Little Theater has a small stage and seats 186. This space may be used as actor or musician warm up room or dressing room for an additional charge. Please schedule when booking the Concert Hall.

Scene Shop

Located off stage through USL loading door. Room is 37' wide by 27' deep by 16' high. (Loading door is 12' high). This door is primarily used for load-in to the stage and may be reserved for temporary storage of scenery, sets and furniture. Please check on space availability in advance.

#### **E. Stage Dimensions**

Proscenium width - 48'

Proscenium height - 22'

Stage right locking rail to stage left wall - 96'

Stage right wing - 22' X 35'

Stage left wing - 26' X 35'

Plaster line to back wall - 35'

Plaster line to last line set (black curtain / blue cyclorama) - 27'10"

Distance from mixing position to main drape- 85'8"

Apron extends out from the plaster line 16' at center and tapers back to 10'10" at either off stage side.

300 foot Snake required to reach mixing position. No cable may be obstructing walkways by order of fire marshal.

#### **F. Stage Floor**

Sprung, wood slat floor (black)

Stage-Step Bravo (Marley) dance floor on request. Additional charge may apply.

NO securing or painting of stage floor is allowed. Spike tape is permitted but must be removed upon event completion.

#### **G. Rigging**

26 single purchase line sets with 1200# live load arbor capacity.

Travel distance from +4 to +47'8".

Batten length, 55 feet.

Gridiron is at 50 feet above stage floor.

Loft blocks are underhung.

## **H. Draperies**

Decorative blue house curtain  
Decorative blue main valance  
Four (4) sets of black legs on tracks  
Mid-stage traveler  
Rear traveler  
Sky blue cyclorama  
Black and white scrim

## **I. Lighting**

Control: ETC ION 1000 with Fader Wing and 2 – touch Screen Monitors  
Dimming: ETC Sensor  
Connectors: 3 prong Hubbell 120 v twist lock (L5-20)  
All positions are fixed.

### Stage Electrical Circuit Schedule

FOH Bridge - **1-32**  
House Right Torms - **33-38**  
House Left Torms - **39-44**  
1<sup>st</sup> Electric - **45-64** (All electrics circuits go from Stage Left to Right)  
2<sup>nd</sup> Electric - **65-84**  
3<sup>rd</sup> Electric - **85-104**  
4<sup>th</sup> Electric - **105-134**  
Floor Pockets - **135-177**  
House Lights - **177-189**

### Lighting Fixtures

62 - Total Source 4 Ellipsoidal bodies  
    12 - 19 degrees  
    28 - 26 degrees  
    14 - 36 degrees  
    18 - 50 degrees  
25 - Altman Par 64's  
70 - Source 4 Pars (various lenses available)  
13 - Strand SL Ellipsoidal 36 degrees  
2 - Strand SL Ellipsoidal 19 degrees  
6 - Strand SL Ellipsoidal 10 degrees  
16 - Altman Spectra Cyc 100  
2 - Altman 'Comet' follow spots

## **J. Additional Electrical Service**

400a Company Connect  
200a Company Connect  
Standard Cam-Lock Connectors on both  
Located on Rear Stage Wall – Stage Left

## **K. Sound**

Yamaha CL3 Digital Mixing Console  
Flown Stereo House PA with Center Cluster Sub-Woofers  
Each Flown Full Range Cluster consists of:  
8 – L’Acoustics KARAI  
Flown Center Cluster Sub-Woofers consists of:  
4 – L’Acoustics SB18M  
Front Fills Mounted on Edge of Orchestra Pit consisting of:  
4 – L’Acoustics X-8 Enclosures  
Rear Delays Flown at Rear of Hall consisting of:  
4 – L’Acoustics X-12 Enclosures

Stage Boxes:

RIO-3224D – Rack Mounted Stage Left  
RIO-1608D – Portable

6 XLR Inputs in various Pit Locations

Clear Com Stage Communication PL Pro MS232

6 belt packs  
6 headsets

Microphones/DI’s

6 – Shure SM-58  
4 – Shure SM-57  
2 – Shure PG-81  
3 – Shure PG-56  
1 – Shure PG-52  
1 – Sennheiser E-609  
2 – Crown PZM  
2 – Shure Wireless ULX Combo Body Pac/HH SM-58 Systems  
3 – Shure Wireless ULX HH SM-58 Systems  
4 – Radial ProDI Passive DI  
2 – Countryman Type 85 Active DI

Monitors

4 - Stage Monitor Mixes  
8 - Yamaha SM12V

## Playback Devices

Denon DN-D4500MK2 Media Player  
Denon Professional DVD Player

### **L. Projection Screen**

Front Projection Screen located on Line Set 8, 8.4 ft. from plaster. Screen Dimensions are 18 feet high by 24 ft. wide.