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# The FOX THEATRE

1135 13th Street  
Boulder, CO 80302

Phone: 303-447-0095

Fax: 303-447-1095

[www.foxtheatre.com](http://www.foxtheatre.com)

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## *TECHNICAL PACKET*

Production Manager: Karen Shaviv  
303-204-7979 production@z2ent.com

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### STAGE

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- Stage
  - 30' wide x 20' deep x 4' high
- Back Drop Bars
  - 20ft battens on pulleys that can be lowered from Up Stage Truss to hang backdrops.
  - 10.5ft battens on pulleys on the sides of the stage that can be lowered to hang side drops.
    - This is designed for backdrop and all backdrops must have fire certificates.
- Risers
  - 1 8'x8'x1' Riser (2 4'x8' Sections)
  - 4 4'x6'x1' Risers (can be locked together to create larger risers)
- Trim Height 18ft. (below the upstage truss)
- Distance to FOH 38ft. (from the front of the stage)

# AUDIO SYSTEM

## **DB LIMIT 105 A Weighted at FOH**

### ➤ Main Speaker Enclosures

- The house speaker system is comprised of Dowlen Sound's Focused Energy System (FES) enclosures. These are trapezoidal cabinets "rigged to fly" using Brownline hardware. B&C loudspeaker products are used throughout the system due to their superior power handling, high efficiency, and improved cone materials. The main house system is a stereo, quad amplified 4-way format. All parts of the flying have been critically tested and certified by an independent engineering firm.

### ➤ Mains

- 4 FES-1 Box Enclosures (2 per side); each contains:
  - 2 B&C 15" high power drivers
  - 1 Proprietary mid-frequency horn driven by a B&C 12" driver
  - 1 B&C DE750 2" high frequency driver coupled to a medium throw (90 deg x 50 deg) fiberglass horn

### ➤ Center Fill

- 1 FES Front Fill Enclosure
  - 2 B&C 12" Drivers
  - 1 B&C 750 2" horn and driver combination

### ➤ Subs

- 2 Proprietary Quad 18" Enclosures
  - B&C high power 1000 watt 18" woofers

### ➤ Satellite Tweets

- 2 JBL 2425 1" horn and driver combination

### ➤ Power Amplifiers

- 1 Ashley FET 2000 -Mains Hi
- 1 Crest 8001 -Mains Mid
- 1 Crest 9200 -Mains Low
- 2 Crest 9200 -Mains Sub
- 1 Ashley FET 500 -Center Hi
- 1 Crest 9200 -Center Low

# FRONT OF HOUSE

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## Console

Soundcraft Series Four 40x16x2 Mixing Console, w/ 8 Auxes

### ➤ Main Electronics

- SCV Model 231 Stereo 1/3 Octave Graphic Equalizer for Mains
- DBX 1066 House Limiter
- Dolby Lake Processor "Lake Contour"
- Ashley PQ26 stereo 6-band Parametric Equalizer -Center-Fill & Subs
- Ashley GQ131 1/3 octave equalizer for Center-Fill
- Dowlen Sound Inc. Proprietary Processor

### ➤ Patchable Processing

- 1 Yamaha 990 Multi-Effects Processor
- 2 Yamaha 900 Multi-Effects Processor
- 1 T.C. Electronic D-Two
- 1 Effectron II Delay Unit
- 1 LA Acoustic 4 Channel Noise Gate
- 2 DBX 172 2 Channel Super Gate
- 3 DBX 1066 2 Channel Compressor
- 1 Audio Arts 1202A Stereo Compressor
- 1 Marantz CD Player

### ➤ Miscellaneous

- Technical Projects 3 Station Intercom

# MONITORS

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### ➤ Console

- Soundcraft Series Four Monitor Console 40x16

### ➤ Monitor Electronics

- 10 Ashley GQ131 1/3 Octave Equalizers
- 10 2 Way Proprietary electronic crossovers w/ equalization, flat summing, and time alignment.

### ➤ Patchable Electronics

- 1 Symetrix 544 4-Channel Expander/Gate
- 2 DBX 166 2-Channel Compressors
- 1 ART Multi-Verb Effects unit

### ➤ Stage Monitors and 2 Floor Monitors "Brain Dart" B & C Drivers

- 4 Sidefill Monitors 4x1200 watts
  - 2 B & C 15" Speakers & 1 B&C DE750 2" Driver
- 1 Drum Monitor 1000 watts
  - 2 B & C 15" Speakers & 1 B&C DE750 2" Driver
- 8 Floor Monitors 8x300 watts

- 1 B & C Custom 12" Speaker & 1 B&C DE750 2" Driver
  - 1 McCauley 15" Driver with 2" Concentric Horn Loaded Monitor
- **Power Amplifiers**
  - 2 QSC CX254
  - 2 Ashley MFA6000 -12's
  - 2 QSC PLX 3402 -12's
  - 1 Crest 2501A -Drum Wedge Hi
  - 1 QSC EX4000 -Drum Wedge Low
  - 1 Ashley FTX2000 -Sidefill Hi
  - 2 QSC 4000 EX -Sidefill Low
- **Monitor Engineering System**
  - AFL Switching is driven from a solo buss and allows the monitor engineer to hear what the band hears, giving faster set-ups, and more accurate mixes. Identical amplifiers are used on the monitor engineers system as are used to drive all the other wedge circuits.
- **Power Distribution**
  - All AC Power is accomplished via 110 volt three phase distribution
  - 3 phase at 110 volt power is available via Cam Lock tie-in's

## MICS & CABLING

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| <ul style="list-style-type: none"> <li>➤ <b>Shure</b> <ul style="list-style-type: none"> <li>○ 10 SM58's</li> <li>○ 8 SM57's</li> <li>○ 2 SM94's</li> <li>○ 1 Beta 52</li> </ul> </li> <li>➤ <b>Audio Technica</b> <ul style="list-style-type: none"> <li>○ 6 ATM-23's</li> <li>○ 2 ATM-25's</li> <li>○ 2 AT-3035's</li> <li>○ 2 AT-4033 A's</li> </ul> </li> <li>➤ <b>Electro-Voice</b> <ul style="list-style-type: none"> <li>○ 1 EV-1776</li> <li>○ 1 EV 308</li> <li>○ 4 EV 408</li> </ul> </li> <li>➤ <b>Sennheiser</b> <ul style="list-style-type: none"> <li>○ 1 504</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>➤ <b>Audix</b> <ul style="list-style-type: none"> <li>○ 1 D4</li> </ul> </li> <li>➤ <b>AKG</b> <ul style="list-style-type: none"> <li>○ 2 C-1000's</li> </ul> </li> <li>➤ <b>DI's</b> <ul style="list-style-type: none"> <li>○ 9 Mono Passive DI's</li> <li>○ 1 Mono Active DI</li> <li>○ 1 Stereo Passive DI</li> <li>○ 1 Aon-D RACK Di</li> </ul> </li> <li>➤ <b>Cabling</b> <ul style="list-style-type: none"> <li>○ 45 XLR's</li> <li>○ 1 40 Channel 3-Way Splitter Snake</li> <li>○ 1 20 Channel Subsnake</li> <li>○ 1 9 Channel Subsnake</li> <li>○ 1 6 Channel Subsnake</li> </ul> </li> </ul> |
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## LIGHTS

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- Console
  - Avolites 2000 Lighting Console
- Upstage Truss
  - 22 Aluminum 1000W Par 64 Fixtures w/ color frames and lamps
  - 4 Color Scrollers
  - 8 Aluminum Par 64 250W ACL's (2 bars w/ 4 cans each)
  - 4 Elation 250's
- Side Wash Truss
  - 14 Aluminum 1000W Par 64 Fixtures w/ color frames and lamps (7 per Side)
  - 8 Aluminum Par 64 250W ACL's (1 bar w/ 4 cans per side)
  - 2 Elation 250's (1 per side)
- Downstage
  - 6 Source Four Lekos w/ color frames and lamps
  - Magnum Water-Based Hazer w/ control @ FOH via DMX
- Dimmers
  - Strand High Density Dimmer Rack (configured as standard touring equip.)
    - 24 Dimmers @ 3.6kw & 12 Dimmers @ 2.4kw
    - 16 Socapex Output Receptacles
    - 4 Auxillary 2P+G Receptacles
- Power Distro
  - w/ 6 20amp Edison courtesy circuits
  - 3 phase at 110 volt power service is available via Cam Lock tie-in's on the upstage wall

## BACKLINE

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The Fox Theatre owns some backline, but we also work closely with the following local companies.

- Backline Referral
  - Front Range Backline      303-868-9100  
Steve Lary
  - Shaped Music                      (970) 221-2315

Contact: Randy Croissant

## ➤ Backline

**PLEASE CONTACT JUSTIN BASCH FOR PRICING. Backline is only available with advancenotice All backline is based upon availability and settlement will be handled on a show to show basis**

- 1 Fender Twin Guitar Amp
- 1 Roland Jazz-Chorus 120 Guitar Amp
- 2 Ampeg 4x10" Bass Cabinets
- 1 Ampeg SVT-4 Pro Bass Head
- 2 Technics SL-1200MK2 Turntables
- 2 Pioneer CDJ-1000MK2 CD Turntables
- 1 Rane TTM-57 DJ Mixer
- 1 Pioneer DJM800 DJ Mixer