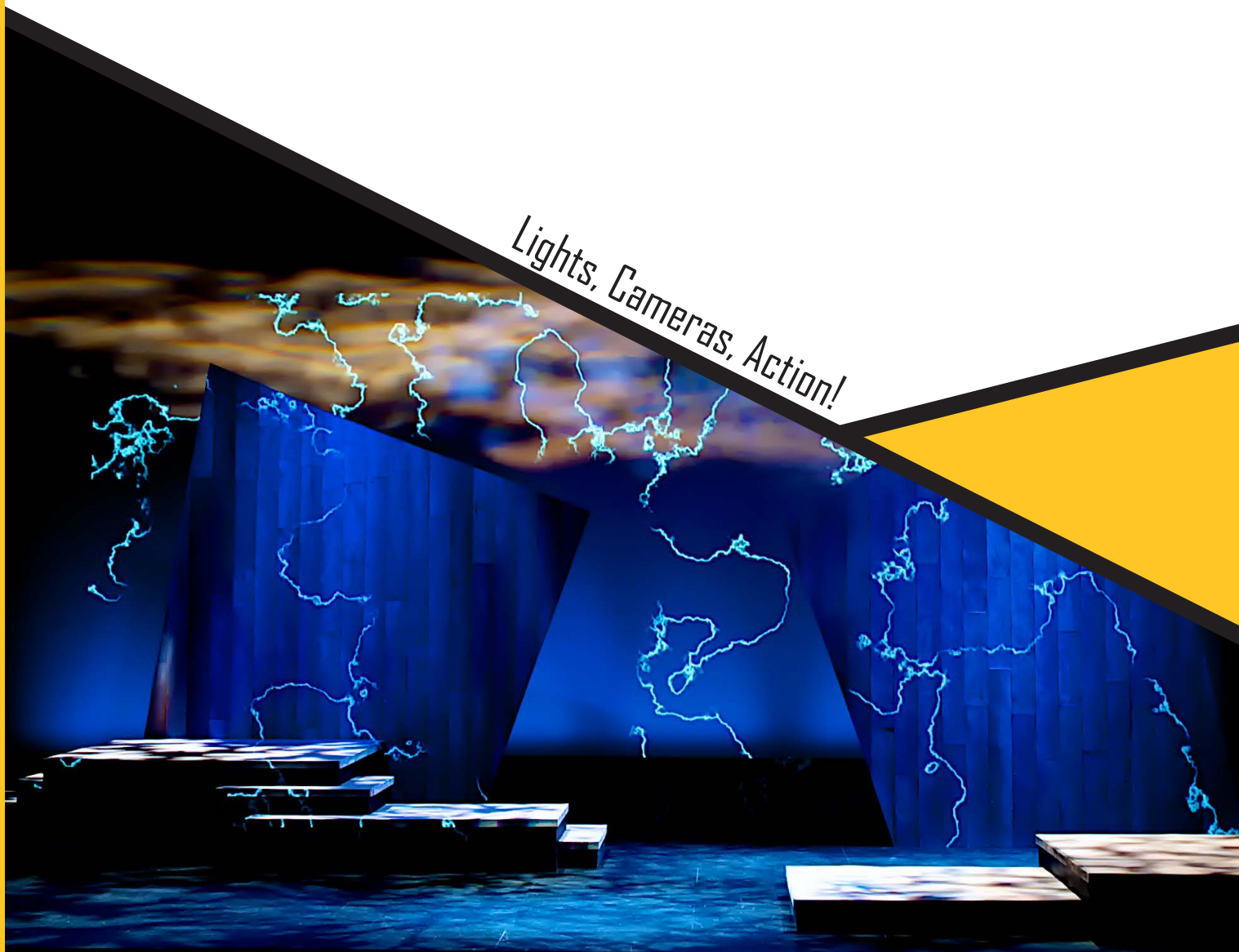


# TECH SPECS

*Lights, Cameras, Action!*



# LIGHTING

## Power

- Company Switches
  - » Stage Right: 400 A 120/208 V, 3Ø, Cam-Lok J Series connectors
  - » Lower Level: 200 A 120/208 V, 3Ø, Cam-Lok J Series connectors (located in lower level beneath green room w/conduit running to amphitheater)
  - » Event Room: 100 A 120/208 V, 3Ø, Cam-Lok J Series connectors
  - » Stage Left: 200 A 120/208 V, 3Ø, Transformer isolated for audio Cam-Lok J Series connectors
- Distribution
  - » (1) 400 A 3Ø LEX Pagoda Power Distribution Box w/ 18 20 A Duplex receptacles and 6 L630 30 A Twist-Lock receptacles
  - » (1) 200 A 3Ø phase LEX Pagoda Power Distribution Box w/ 12 20 A Duplex receptacles and 6 L620 20 A Twist-Lock receptacles
  - » (3) 30' 20 A 120/208 V 3Ø Power Stringers

## Instruments

- (95) Source Four ERS bodies
  - » (16) 19° Source Four Lens Tubes
  - » (32) 26° Source Four Lens Tubes
  - » (42) 36° Source Four Lens Tubes
  - » (19) 50° Source Four Lens Tubes
- (2) 36 Degree Source Four JRs
- (2) 50 Degree Source Four JRs
- (50) Source 4 PAR EA Bodies
- (25) Altman 8" Fresnels
- (40) Altman PAR 64 (MFL or WFL)
- (21) ETC Selador VIVID R 21" LED Units
- (6) ETC Selador VIVID R 63" LED Units
- (4) Vari-Lite VL 440 Spot Luminaire
- (2) Vari-Lite VL 880 Spot Luminaire
- (4) Vari-Lite VLX3 LED Wash
- (2) Atomic 3000 DMX Strobe Light
- (2) Strong Canto 700 SA Spotlight

## Control

- ETC Ion Control Console w/ 2x20 Dimmer Wing, 4 Universes of control, and Remote
- 2 ETC SR48 Dimmer Racks w/ 96 Dual 20a Dimmer Modules
  - » (192 - 2.4k dimmers)
  - » (2)- 20 A 4 circuit ETC Smart Bar 2s
  - » (8)- 20 A 3Ø 6 circuit ETC Smart Bar 2s
  - » (4) ETC Net 3 Ports on stage level
  - » (6) ETC Net 3 Ports @ FOH
  - » (1) ETC Net 3 Port @ Lower seating level
  - » (1) ETC Net 3 Port @ FOH Mix position
  - » (1) ETC Net 3 Port in Control Booth
  - » (1) ETC Net 3 Port on each Electric
  - » (6) ETC Net 3 2-Port Nodes for DMX Signal input and output, 3 of which are on the Electrics over stage
  - » THERE ARE NO DMX INPUTS TO THE SENSOR DIMMERS, all input must come through Ethernet from console to Net 3-port or 2-port nodes via Male-Male DMX Cable
  - » House Lights: Console Controlled or Independent Control w/Positions at the
  - » Control Booth, Center of House and Stage Manager's Console (Stage Right)

## Circuit Positions

- A circuit chart is available upon request



## Lighting Positions

- Front of House
  - » 1st Catwalk: 45 degrees, 39' Throw- (32) circuits and (5) 20 A Relays
  - » 2nd Catwalk: 35 degrees, 51' Throw- (36) circuits and (5) 20 A Relays
  - » Right Mezzanine: 30 degrees, 39' Throw- 6 circuits
  - » Technical Information, 13
  - » Left Mezzanine: 30 degrees, 39' Throw-6 circuits
  - » House Right Pocket: 50 degrees, 21' Throw-0 circuits
  - » House Left Pocket: 50 degrees, 21' Throw-0 circuits
- 3 Dedicated Electrics
  - » #1 E @ 1'5" from PL with 22-Stage Pin Circuits and (2) 20 A Relays
  - » #2 E @ 7'6" from PL with 20-Stage Pin Circuits and (2) 20 A Relays
  - » #3 E @ 16' from PL with 15-Stage Pin Circuits and (1) 20 A Relay

## Accessories and Cable

- (2) Rosco 1900 Fog Machine (Non-DMX)
- (2) UltraTec DMX Radiance Hazers
- (2) Martin Atomic 3000 Strobes
- (3) Apollo Smart Move Gobo Rotators
- (3) Apollo Simple Single Gobo Rotators
- (8) 8"-6 Leaf barn doors for 8" Fresnels
- (8) Drop In Iris for Source Four ERS
- (30) Pattern Holders – Size "A"
- (8) 10' Boom Pipe and Base
- (6) F Edison to M Stage Pin Adapter
- (5) M Edison to F Stage Pin Adapter
- (20) 5' Cable w/Stage Pin Connectors
- (20) 10' Cable w/Stage Pin Connectors
- (10) 20' Cable w/Stage Pin Connectors
- (6) 50' Cable w/Stage Pin Connectors
- (25) Two-fer w/Stage Pin Connectors
- (2) 100' 5-Pin DMX Cable
- (4) 50' 5-Pin DMX Cable
- (10) 25' 5-Pin DMX Cable
- (20) 10' 5-Pin DMX Cable
- (8) 5' 5-Pin DMX Cable

# SOUND

## Mainstage Theatre

- FOH Mix:
  - » Yamaha M7CL-48 Digital Mixing Console
  - » Control Location: Rear of House (center)
- Monitor Mix: Yamaha LS9-32 Digital Mixing Console
- Digital Clock: Apogee Big Ben
- Analogue to Digital Converters/ Microphone Pre: Yamaha AD8HR
- Processing: BiAmp Audia Flex
- Hearing Assist System: ListenTech LT800-072 rf Assisted Listening System
- Communications: Clearcom MS702 – 2 Channel Intercom System, HME DX200 – Wireless Intercom System
- FOH Snake: Aviom Pro64 (32ch X 32ch)
- Splitter: Custom Whirlwind 48ch transformer Isolated 3-way split
- Speakers:
  - » Front of House Main:
    - ◊ Vertec Line Arrays (Left, Right, Center)
    - + (12) JBL Vertec VRX928LA
    - + (2) JBL ASB6128 Subwoofer
  - » Rear of House Fill:
    - ◊ (2) JBL LSR2325P
  - » Foldback:
    - ◊ (4) QSC K12
  - » FOH Monitor
    - ◊ (2) Mackie HR824mk2
  - » Floor Monitor:
    - ◊ (2) EV SxA250
    - ◊ (8) Yamaha DSR-112
  - » Front Fill
    - ◊ (4) EAW JF89z
- Drive:
  - » (1) Crown CTS3000 (Sub)
  - » (5) Crown CTS2000 (Left, Right, Center, Front Fill)
- Microphones:
  - » Vocal:
    - ◊ (2) Audio Technica AE4100
    - ◊ (2) Audio Technica AE6100
    - ◊ (12) Shure SM58
    - ◊ (4) Shure Beta 58
    - ◊ (1) Shure SM87A
    - ◊ (5) Crown PCC160
    - ◊ (10) Countryman E6i
    - ◊ (5) Countryman ISOMAX 2
  - » Instrument:
    - ◊ (1) AKG D112
    - ◊ (2) AKG C414
    - ◊ (2) Audio Technica AT875R
    - ◊ (1) Audio Technica BP4029 (Stereo)
    - ◊ (2) DPA 4099(With Guitar, Cello, Bass, Trumpet, Violin Clips)
    - ◊ (1) Helpinstill 280
    - ◊ (12) Shure SM57
    - ◊ (1) Shure Beta 91A
    - ◊ (4) Shure Beta 98AC
    - ◊ (1) Audix F5
    - ◊ (2) Audix F9
    - ◊ (1) Audix F6
    - ◊ (2) Audix F2
    - ◊ (2) Rhod NT5(Matched Pair)
    - ◊ (4) EV RE920-Tx
    - ◊ (2)Sennheiser MD441
    - ◊ (2)Sennheiser e604
  - » Wireless:
    - ◊ (10) Audio Technica AEWT1000AD
    - ◊ (4) Audio Technica AEW4100AD
- Playback:
  - » Denon DN-V310 CD/DVD Player/Recorder
  - » Numark CDN77USB Dual CD/USB/MP3 Player
  - » Marantz PMD580 Solid-State Compact Flash Digital Recorder
  - » QLab Live Show Control

## PACE Event Room

- Control: Mackie 1202VLZ3
- Processing BiAmp Nexia CS
- Speakers:
  - » (12) Atlas Sound FAP82T 8" Ceiling Speaker
  - » (4) Atlas Sound FAPSUB70 8" Subwoofer
- Power: QSC CX204V Amplifier
- Microphones:
  - » (2) Audio Technica AEW T1000AC
  - » (2) Audio Technica AEW 4100AC
- Playback:
  - » Denon DN-V310 DVD/CD Player
  - » iPod/MP3 Connectivity

## PACE Dance Studio

- Control: Biamp Nexia CS
- Speakers:
  - » (6) Atlas Sound FAP82T 8" Ceiling Speaker
  - » (2) Atlas Sound FAPSUB70 8" Subwoofer
- Power: QSC CX204V Amplifier
- Microphones: AKG WMS450 Head Worn Wireless System
- Playback:
  - » Denon DN-V310 DVD/CD Player
  - » iPod/MP3 Connectivity

## VIDEO

### Mainstage Theater

- Camera: Vaddio 999-2204-0008 HD Camera
- Projector: Panasonic PT-DZ8700U 10,600L, 1920x1200 HD Projector
- Screen: DaLite 16:9 146hx260w Professional Electrol

### PACE Event Room

- Projector: Panasonic PT-DZ6700U 6000L, 1920x1200 HD Projector
  - » Panasonic ET-D75LE30
- Screen: DaLite 92hx164w Cosmopolitan Electrol
- Throw Distance 65'6" from projector to screen

### Other

- 2 Optoma TX536 HD Projector



# STAGE

## PACE Mainstage Theater

The Mainstage Theater is a proscenium stage with a hard, adjustable stage portal in lieu of a traditional proscenium arch. The stage portal sits 2'6" downstage of the plaster line. The main curtain plays between the stage portal and the plaster line.

### Seating

Without Orchestra Pit Seating: 500

With Orchestra Pit Seating: 535

### Stage Dimensions

- Proscenium: 55'w
- Stage Portal: 50'-34'w x 26'-16'h (adjustable, however, the stage presents best with the portal set at 40'w x 20'h)
- Orchestra Pit Stage Edge to Back Wall: 41'
- Plaster Line to Back Wall: 30'4"
- Plaster Line to Orchestra Pit: 1'9"
- Orchestra Pit: 49'w x 9'd (stage level), 49'w x 14' d (orchestra level)
  - » Mechanics: Gala Systems Spiralift
  - » Optional Levels: Stage, House, Orchestra, Loading/Storage, Special
  - » Orchestra Level Capacity: abt. 30
- Stage Right Wing (w/55' portal width):
  - » At Plaster Line: 15'6"
  - » At Back Wall: 19'6"
- Stage Left Wing (w/55' portal width):
  - » At Plaster Line: 15'6"
  - » At Back Wall: 19'6"
- Stage Height from House Level: 2'9"
- Grid: There is no grid, Battens have under-hung loft blocks and are operated by J.R. Clancy Variable Speed Powerlift Hoists (0-120 fpm, 2000 lb capacity). For specific line set information please see the Batten Schedule

### Stage Floor

- Overlapping Layers of 3/4" Plywood with 1/4" MDF Skin, Painted Black, Excellent Condition. There are no Traps.



### Draperies

- Main Curtain: (1) 24'6"hx37'6"w (Left and Right) Brown 22 oz. Velour with 100% Fullness, Motor Draw, Does not Fly
- Borders: (3) 8'hx63'w Black 22 oz. Velour with 50% Fullness
- Legs: (4 sets) 28'hx12'w Black 22 oz. Velour with 50% Fullness
- Travelers: (2) 1 Mid-stage and 1 Upstage 28'hx33'6"w (Left and Right) Black 22oz. Velour with 50% Fullness, Manual Draw, Does not Fly
- Scrim: (1) 25'hx60'w Black Seamless Sharkstooth Scrim
- Cyclorama: (1) 25'hx60'w Seamless Natural FR Muslin Cyclorama

### EVENT EQUIPMENT

- Orchestra Shell: Wenger Diva Acoustical Shell with 8 wall and 3 ceiling sections. The orchestra shell can present in three configurations: full stage, two-thirds stage and one-third stage. For more information please contact the production office.
- Pianos: (1) 7' Schimmel C208T Mahogany Grand Piano with Artist Bench, (1) Kawai K2 Ebony Upright Piano with Artist Bench
- Chairs/Stands: (45) Black Musician Chairs, 2 Black Cellist Chairs, 2 Adjustable Height Musician Stools and 50 Music Stands
- Lecterns: (1) Full Size, (1) Pedestal (both A/V ready w/ microphone attachments)
- Platforms: (16) Wenger Versalite 4'x8' Platform System (8", 16" & 24" heights)
- Dance Floor: SICO Portable Parquet Hardwood Dance Floor (Maximum Size: 15'x18')
- Performance Floor: Harlequin Reversible (Black/Gray), 7 Rolls at 40'
- Pipe and Drape: Event Décor Pro Series 10'h Pipe and Drape System
- Costume Racks: (4) Z-racks (6'L x 5'h)



## ADDITIONAL ROOM INFORMATION

### PACE Lounge

- Occupancy: 40
- Room Dimensions: 30'x20'
- Ceiling Height: 12'
- Floor: Carpet
- Other: Multi-media Presentation Ready

### Conference Room

- Occupancy: 21
- Room Dimensions: 16'x20'
- Ceiling Height: 12'
- Floor: Carpet
- Other: 14 Seat Conference Table, Audio/Video Conferencing Ready, Multi-media Presentation Ready

### Event Room

- Occupancy: 500
- Seating: abt. 280 (when using 5' round tables)
- Room Dimensions: 44'x68'
- Ceiling Height: 12'
- Floor: Carpet
- Other: ETC Smartbar Dimming System, Theatrical Pipe Grid in Ceiling

### Art Gallery

- Square Footage: abt. 850
- Room Dimensions: 46'x18'
- Ceiling Height: 8'
- Floor: Walnut Hardwood
- Other: Arakawa Hanging System (extends throughout lobby)

### Dance Studio

- Occupancy: 93
- Room Dimensions: 36'x46'
- Ceiling Height: 12'
- Floor: Sprung Hardwood
- Other: ETC Smartbar Dimming System, Available audio/video and intercom connectivity to the Mainstage Theatre

### Creative Studios (East and West)

- Occupancy: 126
- Room Dimensions: 24'x36'
- Ceiling Height: 13'
- Floor: Carpet
- Other: Available as Dressing Rooms with audio/video and intercom connectivity to the Mainstage Theater

### Discovery Labs (East and West)

- Occupancy: 45 (individual), 90 (combined)
- Room Dimensions: 28'x30' (individual), 56'x30' (combined)
- Ceiling Height: 13'
- Floor: Cement
- Other: 14'x12' Door Opens to Harmony Park (in Discovery Lab East), Available as Dressing Rooms with audio/video and intercom connectivity to the Mainstage Theater

### Kitchen

- Square Footage: abt. 700
- Room Dimensions: 42'6" x 16'
- Ceiling Height: 9'
- Floor: Tile
- Other: Commercial Appliances, 4 Culinary Stations, Break Room, Exterior Entrance

### West Terrace

- Occupancy: abt. 3800
- Room Dimensions: 88'x88'x120'
- Floor: Textured Concrete
- Other: Gated terrace with view available for use as a lobby or event room extension, for private parties, weddings or other events.

### Amphitheater

- Occupancy: abt. 450
- Stage Dimensions: 15'x24'
- Power: Cable Pass to Company Switches at Mainstage Theater
- Floor: Stage: Cement, Audience: Grass
- Other: Technical needs are easily accommodated with in-house supplies. Please contact the production office for more details.

# PARKER ARTS

[www.ParkerArts.org/theater](http://www.ParkerArts.org/theater)

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