



# DISCOVERY PARK

## *TECHNICAL PACKAGE*

PARKER ARTS

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**Overview**

The Discovery Park Amphitheatre is an outdoor venue within Discovery Park in Downtown Parker. The Stage is constructed on a concrete pad with a permanently installed roof structure over the stage area. This roof structure houses the over-stage lighting as well as the flown left and right speaker arrays. House Right and House Left towers house all front lighting. The building which houses the dressing room and the amp room is the back wall of the stage area. The dressing room is located upstage left while the amp room is located upstage right. There is a set of three concrete stairs along the entire front edge of the stage to the audience area that can be roped off for concerts. A season sponsor banner for the Discover Park Free Concert Series will be in place on the upstage wall throughout the season. Bands and Renters are welcome to bring their own banner as long as it doesn't cover the season sponsor banner, but it must be ground supported (with self-contained equipment provided by the group) as we have no additional hang positions in the stage area. The Front of House position is centered in the audience area and set on an 8' X 8' platform flat on the ground with no legs. Walkways to this location will be marked out with ropes on the ground, and audience members must keep this area clear at all times for safety and egress.

**Stage Dimensions**

<u>Performance space width</u>	<u>18' 7"</u>	<u>Performance space depth</u>	<u>17' 3 ½"</u>
<u>Performance space height (to roof) DS</u>	<u>23' 6"</u>	<u>Performance space height (to roof) US</u>	<u>15' 0"</u>
<u>Distance to FOH from stage</u>	<u>80' 0"</u>		

**Loading Area**

Public parking exists on both sides of the stage, and loading and unloading can be done from either stage right or stage left directly from these spaces. A flat push exists from stage right (the West side) of the stage and (2) spaces will be coned off for vehicles to load and unload from this location. The stage left side has a set of (5) stairs between the parking and the stage.

## **Equipment for the Stage**

Parker Arts equipment services multiple performance spaces; therefore, equipment usage is subject to availability. Discuss equipment needs with your Parker Arts Production Staff contact before planning to use any of the equipment listed.

- (2) Hand carts to transport equipment onsite

## **Dressing Room**

- (1) Dressing Room - will hold 8 people.
  - (1) 5' X 18" table
  - (6) chairs
  - (1) Single bathroom located within dressing room.

## **Additional Information**

- Curfew is 9:00pm and all events and shows must stop all amplified sound by that time.
- The wings of the stage do not allow for the storage of many road cases, so they will need to be stored in the dressing room or in vehicles between unloading and loading.

## Overview

The audio at Discovery Park is set for standard Left, Right, and Subwoofer mixing busses. These drive lines run to CROWN I-Tech 4x3500 amplifiers for the main left and right stacks, and to CROWN I-Tech 12000 amplifiers for the subwoofers. All speakers in main system are JBL VTX series, focused to fill the Discovery Park area without excessive spillage to the surrounding neighborhoods. Mix position is an 8' x 8' platform on the ground with no legs located approximately 80' feet from the downstage edge of the stage. The mixing console for Discovery Park is a Yamaha M7CL with a total of 56 inputs and 16 outputs. These lines are run via analog snakes through conduit to the amplifier room located upstage right.

## Audio Equipment

**Parker Arts equipment services multiple performance spaces; therefore, equipment usage is subject to availability. Discuss equipment needs with your Parker Arts Production Staff contact before planning to use any of the equipment listed.**

## Power

- (1) 200 Amp 3Ø Company Switch with male cams - Upstage Right in amp room  
\*also utilized by lighting
- (1) 400 Amp 3Ø Company Switch with male cams - Upstage Right in amp room  
\*main audio and stage power source

Multiple Furman quad and hex boxes available for deck use.

**\*all power equipment above can be shared and is listed under lighting gear as well**

## Console and Playback

- (1) Yamaha M7CL
- (1) Apple MacBook with QLAB

## Speakers

- (12) JBL VTXV20 – (6) flown per side (Left / Right)
- (2) JBL G28 subwoofers – (1) per side, ground stacked below the left and right arrays

## **Monitor Package**

Monitors are run from front of house mixing console. Depending on scheduling of event only one set of the following will be available.

- (8) Yamaha DSR112 self-powered monitor speakers
- (8) JBL M20 monitor speakers powered by CROWN I-TECH 4x3500 amplifiers

## **Wired Microphone Package**

- (6) SHURE SM57
- (6) SHURE SM58
- (1) SHURE SM58 with switch utilized FOH for GOD mic and Talkback use
- (1) SHURE Beta52
- (1) SHURE Beta 91a
- (4) SHURE SM81
- (4) Sennheiser MD421ii
- (2) SHURE KSM 132
- (2) Audio Technica 4033
- (5) Sennheiser e604
- (2) Sennheiser e609 Silver
- (7) Radial ProDI
- (2) Radial ProD2

## **Wireless Microphone Package**

- (2) SHURE ULX receivers
- (2) SM58 Handhelds

## **Additional Inventory**

- (11) Tall Tripod Mic Stands
- (7) Short Tripod Mic Stands
- (2) Short Round Base Mic Stands
- (2) Medium Round Base Mic Stands

## **Additional Inventory Continued**

- (4) Straight Lightweight Round Base Mic Stands
- (3) 50' Whirlwind 12x4 sub-snakes
- (1) 100' Whirlwind 12x4 sub-snake
- Assorted lengths of XLR cable
- Assorted lengths of NL4 12-4 cable used for JBL monitors

## **Additional Information**

- The space has a 56-channel mixing capacity
- 48 Inputs located upstage right
- 8 Inputs located at mixing console
- 16 Outputs>Returns to stage located upstage right

\*All performances must adhere to a maximum SPL level of 98dbA at mix position. We would ask that all performances be responsive to the reactions of our patrons and staff and conduct themselves in a manner consistent with the type of performance taking place.



## Overview

A “Rep Plot” has been created and hung to facilitate productions without additional labor and costs. This “Rep Plot” is very general and can easily be adapted to suit most production needs in the space. The plot contains 3 electrics over the stage consisting of 36 fixtures. The Front of House positions contains 2 Light Towers consisting of 8 fixtures. The lighting fixtures include Altman PAR 64s and ETC D60 LEDs. Lighting can be run either with the ETC SmartFade or at the preset panel.

## Lighting Equipment

**Parker Arts equipment services multiple performance spaces; therefore, equipment usage is subject to availability. Discuss equipment needs with your Parker Arts Production Staff contact before planning to use any of the equipment listed.**

## Power

- (1) 200 Amp 3Ø Company Switch with male cams - Upstage Right in amp room  
\*also utilized by audio
- (1) 400 Amp 3Ø Company Switch with male cams - Upstage Right in amp room  
\*main audio and stage power source

Multiple Furman quad and hex boxes available for deck use.

**\*all power equipment above can be shared and is listed under audio gear as well**

## Console / Control

- (1) ETC SmartFade 2496 console
- (1) Preset panel (12 programmable presets) permanently installed upstage right
- (2) DMX input ports
  - (1) Upstage right
  - (1) Front of House
- (3) DMX output ports
  - (1) Dimmer room
  - (1) FOH House Left tower
  - (1) FOH House Right tower



## **Dimming**

- (1) 48 Dimmer ETC Sensor touring rack (2.4K)

## **Circuits**

- (36) Stage pin connections located on all three electrics
  - (2) 6-circuit multicables located on the 1st Elec
  - (2) 6-circuit multicables located on the 2nd Elec
  - (2) 6-circuit multicables located on the 3rd Elec
- (8) Permanent connections for ETC D60 LEDs located on HL & HR towers
- (4) L5-20 connector outlets – (2) each located on HL and HR towers

## **Lighting Inventory**

### **Front of house positions:**

- (8) ETC D60 LEDs (161W)

### **Over stage positions:**

- (36) Altman PAR 64s (1KW)

## Rain

- Depending on the intensity and directionality of the rain, the designated weather point person, in consultation with the show technicians and performers, will determine if the show / event can continue.
- The show technicians will incrementally cover and shut down audio gear based on the current weather conditions.
- Parker Arts will try to continue the show / event if at all possible without damaging any of the audio gear or endangering the crew, performers, or audience.
- If the rain reaches a level at which it is necessary to cover and / or shut down the vital show audio systems, the show will be paused until such a time that the weather point person as well as the stage technicians have deemed it safe to uncover and / or re-energize the vital show audio systems.
- If the show will be paused, an announcement will be made by a member of the stage crew.
- Based on the timing and expected length of the pause, the weather point person will make the final determination if the show / event will need to be cancelled. This will be based on whether or not it will be possible to get the show / event back up and running before the allowed window of time for shows / events are over.
- If the weather point person determines that the show cannot continue, an announcement to that effect will be made.

## Lightning

- The designated weather point person will monitor lightning strikes in the area via a Parker Arts approved application.
- When a storm is predicted to be in the area, or can be seen in the distance during the scheduled time of setup, strike, or during a show or event, the weather point person will actively monitor for weather and lightning events.
- When a lightning strike has been registered at **10 or less miles from Discovery Park**, the weather point person will notify the performers, event contact, and stage crew that lightning has been detected. They will also make the determination if persons and / or equipment on-site are in danger. All staff involved with the show / event should be prepared to enact all lightning emergency procedures.

## Lightning Continued

- When a lightning strike has been registered at **5 or less miles from Discovery Park**, or if the determination has been made that persons and / or equipment on-site are in danger, the weather point person will immediately give the call to enact all lightning emergency procedures.

## Lightning Emergency Procedures

- The show / event will immediately be stopped and an announcement will be made by someone on the stage crew.
- All performers, event staff, and crew must immediately shut down all vital systems and find shelter in an approved location.
- No sooner than **20 minutes after the last registered strike within 5 or less miles**, the weather point person can make the determination that it is safe to continue.
- Once the determination to restart has been made, the performers, event staff, and crew can return to their positions and turn on all equipment.
- Once the equipment has been turned back on and it is deemed that it is all working correctly, an announcement regarding the restart of the show will be made by someone on the stage crew.
- If the weather point person determines that the show cannot continue, an announcement regarding this will be made.

## Other Extreme Weather

- The designated weather point person will monitor extreme weather in the area via a Parker Arts approved application.
- When extreme weather is predicted to be in the area, or can be seen in the distance during the scheduled time of setup, strike, or during a show or event, the weather point person will actively monitor for the impacts of this weather.
- When affects from extreme weather seem imminent, the weather point person will notify the performers, event contact, and stage crew that extreme weather has been detected. They will also make the determination if persons and/or equipment on-site are in danger. All persons involved with the show / event should be prepared to enact all extreme weather emergency procedures.
- If the determination has been made that persons and / or equipment on-site are in danger, the weather point person will immediately give the call to enact all extreme weather emergency procedures.

## **Other Extreme Weather Continued**

### **Extreme Weather Emergency Procedures**

- The show / event will immediately be stopped and an announcement will be made by someone on the stage crew.
- All performers, event staff, and crew must immediately shut down all vital systems and find shelter in an approved location.
- Once the extreme weather no longer poses a threat and the determination to restart has been made, the performers, event staff, and crew can return to their positions and turn on all equipment.
- Once the equipment has been turned back on and it is deemed that it is all working correctly, an announcement regarding the restart of the show will be made by someone on the stage crew.
- If the weather point person determines that the show cannot continue, an announcement regarding this will be made.

## **Cancellation Policy**

- Please refer to your contract regarding all details of show delays and cancellations due to weather.