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## Vocal Point

*Technical Rider: United States Performances*  
November 2020

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The following information will acquaint you with the technical requirements of Vocal Point. As outlined by the terms of the performance contract, the details specified within this rider are to be followed unless excused in writing by the Stage Manager and Audio Engineer.

### ***Personnel***

A company of student performing artists and technicians from Brigham Young University in Provo, Utah. The company includes the following personnel:

- Artistic Director: McKay Crockett
- Stage Manager: Britt Gray
- Audio Engineer: Brandon McMeen
- Projection Specialist: Andrew Soullier
- Merchandise Coordinator: Hope Merrill
- 7 - 9 performers
- Total of 14 personnel members

The group travels in either 2 cargo/passenger vans or a charter bus. Adequate parking should be provided on site for the duration of the performance.

### ***Labor***

The technicians and company members provide the majority of the labor for setup, show operations, and strike. These are our minimum requirements:

- 1 lighting designer/lighting board operator
- 1 stage technician with complete knowledge of and access to all lighting, sound, stage equipment, and systems
- 2 spot operators

The venue technician(s) must be on-site at all times when the company is in the facility.

### ***Production Schedule***

Times are based on a 7:00 pm show time. We will adjust the schedule accordingly for an alternate start time.

11:00 am	Load-in
11:30 am	Set construction and rigging begins
12:30 pm	Lunch break - Vocal Point will eat the meal provided by the presenter at the venue.
1:00 pm	Lighting Focus & Set Finalization
2:00 pm	Sound System Tuning
3:00 pm	Sound Check
5:00 pm	Break before show - Vocal Point will eat the meal provided by the presenter at the venue.
6:00 pm	Spot light coordination
6:30 pm	Open house - the Vocal Point Stage Manager will give the final cue
7:00 pm	Performance, including a 15 minute intermission
9:00 pm	Load-out will begin at the conclusion of the show and will take approximately 2 hours Performers will meet and greet audience members in the lobby after the show (30 min.)

### ***Stage***

Upon confirmation of booking BYU Vocal Point, please send the exact performing space dimensions to the Vocal Point stage manager and audio engineer. In the same email, the dimensions for the entire performance hall should be included, along with the seating capacity of the venue. If you have a CAD file, please include this as well.

Ideally, the performance area (not including the apron, wings, crossover, etc.) should measure 30' wide x 20' deep. These are anticipated dimensions, but final dimensions will be determined beforehand in communication with the stage manager and may be altered upon arrival at the venue. Vocal Point is flexible to a certain degree with performing space dimensions. Please have this area cleared, swept and mopped prior to arrival.

Soft goods requests are as follows:

- Black stage legs should be trimmed to allow an opening of 40 feet. It is preferred that 4 sets of legs are flown
- Black borders should be flown 25 feet from the stage deck
- A black traveler should be flown approximately 40 feet from proscenium opening
- A main or grand curtain will not be used by Vocal Point

### ***Dressing Rooms***

Securable dressing rooms to accommodate 9 men are required. These rooms must have adequate lighting along with mirrors and hanging space for costumes. Private restrooms should be accessible.

### ***Post Show and Merchandise***

After the performance concludes, the performers will move to the lobby for a meet-and-greet line and to sign CDs. Three tables with three chairs each (total of 9 chairs) will need to be set up for this purpose. Stanchions should be set up to organize a queue-line for the meet-and-greet.

Vocal Point will provide a salesperson to sell merchandise unless otherwise communicated to the presenter. One table and one chair should additionally be set up in the lobby for this purpose.

### ***Lighting***

Illumination of the entire stage with an even and warm color wash at the minimum is necessary. Lighting should be strong from the front and sides to maximize light and minimize shadows on the performers' faces. The venue should provide a lighting designer for the show and sound-check. A sample of Vocal Point show lighting from the Vocal Point lighting designer can be viewed for designing reference by request.

The venue should provide 2 matching spotlights with accompanying operators. The cues for these spots as well as any lighting cue will be called by the Vocal Point stage manager via the in-house coms system. A marks sheet can be found below.

### ***Sound***

Vocal Point will provide their own microphones, in-ear monitors, and mixing console. Our microphones and in-ear monitors are wireless and will therefore use UHF radio frequencies. In such events that a venue will be hosting many groups, the venue must prepare a frequency coordination in which 14 frequencies are set aside and provided exclusive for Vocal Point before the audio load-in begins.

The wireless frequencies are as follows:

- (10) Shure ULX-D Microphones – H50 Band (534-598 MHz)
- (4) Shure PSM1000 In-Ear Monitor Receivers – G10 Band (470-542 MHz)

All in-ear monitor transmitters and wireless microphone receivers communicate with the sound board via a Dante CAT5 line. In the understandable situation that a dedicated CAT5 tie-line from side stage to front of house are not available, the distance from the provided audio booth to the side stage rack must not exceed 200 feet.

The tech booth needs to be in the house on the main floor and free from any obstructions (ie. Glass). In venues where this is not the case, a table needs to be set up in the house and seating arrangements accommodated.

Where possible, a coms system should be provided for the VP stage manager and VP audio engineer, along with any individuals employed by the venue (spot operator(s), fly operator, lighting designer, etc.). Wireless coms are preferable.

## ***PA System***

A high-definition (professional-grade) sound system capable of providing at least 100 dB without distortion at every seat in the venue is required. Where Vocal Point will be utilizing the in-house PA, the main sends to the amp will be disconnected from the house board and connected to Vocal Point's console. In the situation that such patching is not possible due to system networking or the participation of other groups, an XLR send of Left, Center, Right, and Subwoofer will be sent to the in-house console either via side stage inputs or direct inputs to the in-house console, whichever is most convenient for the venue. These channels must be EQ and Compressor/Limiter free. The Left and Right channels should be hard panned left and right.

The subwoofers must be controllable by a dedicated AUX send and removed from the main house mix. If the in-house subwoofer cannot be individually controlled, separate subwoofers must be brought into the venue.

If the installed sound system does not meet the requirements of Vocal Point and the expected audience will be greater than 500 people, a sound system meeting the established criteria should be rented from a reputable vendor. Before renting a system, please confirm the rental agreement with the audio engineer to ensure that the system will be adequate. Smaller events may be supported by a system provided by Vocal Point. Such arrangements should be discussed with the audio engineer beforehand.

## ***Video Projection***

### ***-Overview-***

*Vocal Point travels with Pixelflex LED screens arranged into a large video wall. If your venue hosted Vocal Point prior to Fall of 2018, these will be a change from the lightweight projection screen set that we traveled with previously. Below is the information about them and a photo of what the new set up looks like.*



*A normal configuration of the LED screens, with a main screen in center, and two "pillars" on each side. This configuration requires the use of 3 depths of batten or truss.*

**-Dimensions/Weight-**The center screen is 12ft x 16ft (made up of 24 panels), typically hangs about 2.5 ft off the stage and weighs approx. 1150 lbs. (Split between two battens would be 575 lbs per line) The 4 side columns are 12ft x 2ft and hang between 2.5 ft and 8 ft above the stage and weigh approx. 100 lbs. each.

**-Rigging-**

The ideal rigging for the LED screens is 20 ft of centerline truss (or Triangle truss or box truss with a pipe cheseburorghed to the bottom), hoisted by two ½ ton (or two 1 ton) chain motors. (taken cared of by the venue) Depending on the venue, hanging on a counterweight rail system may be a possibility. The Vocal Point Stage Manager, Audio Engineer and the appropriate venue employee will agree upon an individual rigging plan for each venue over phone or email in the weeks prior to the performance.

The screens attach to the Truss (or batten if the Venue believes it to be safe and is agreed by the Stage Manager and Audio Engineer) with the mechanism pictured below. 8 of these (one per screen) hook onto the batten. We attach one screen to each of these and then the rest of the screens attach directly to one another



**Due to BYU liability and insurance, Vocal Point technicians will not operate venue fly systems or lifts. A venue technician is required to aid in rigging and flying of the backdrop.**

### ***Power***

The video wall requires 7 individual power circuits of at least 110v to be safely powered. This accounts for minimum operating requirements regarding power draw as well as safe cable management that ensures the safety of cast, staff, and equipment. Depending on available resources the wall can be configured to require a minimum of 5 circuits on a 110v system and 3 circuits on a 220v system.

### ***Projection Extra***

If we are unable to use our LED wall at the venue for any reason, Vocal Point will use a projector in place of the LED wall. Sufficient projection screens will need to be provided by the venue for our use, but we will bring our own projector. These details will need to be communicated with the stage

### ***Extra***

Please send the floor plan, sound system specs, lighting specs and plans, stage plot and diagram, any additional facility information available, and any other questions or comments with regards to the technical aspects of Vocal Point's performance to the Audio Engineer.

### ***Performance Site Information***

Thank you for helping with our Technical and staging requests for this performance. We are excited to give your audience the best show possible. Please send all available technical information including floor plans, photos, and technical contact information as soon as possible to the Vocal Point stage manager and audio engineer in the same email.

### ***Contact Information***

**Artistic Director:** McKay Crockett  
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