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# Technical Rider

VOCAL POINT

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2016-2017 Performances

Brigham Young University

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Version 4

Contact: Performing Arts Management  
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## Contact:

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General Manager  
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The following information will acquaint you with the technical requirements of Vocal Point:

## Stage and Set Design

Upon booking Vocal Point, please send an email to Adam Millett (*byuvocalpointtech@gmail.com*) with the exact performing space dimensions. In the same email, the dimensions for the entire performance hall should be included along with the seating capacity of the venue.

Vocal Point travels with their own set. For this, a working fly system is required. Batons on the fly rail must be able to be brought in to at least 5 feet above the stagedeck. Short fly systems can work, as we do not need to be able to fly the scenery entirely out of sight of the audience. We will put approximately 150 pounds on the baton with the set and will require adequate stage weights to balance this load. Please send a lineset schedule at least 3 weeks in advance.

The stage legs should be trimmed to allow at an opening of 40 feet. It is preferred that 4 sets of legs and 4 borders are flown as well. Final dimensions will be determined beforehand with Adam.

## Dressing Rooms

Securable rooms to accommodate 9 men with adequate lighting, hanging space for costumes, mirrors, and bathroom facilities accessible are required.

## Sound Equipment

With regards to microphones, monitors, and a mixing board, Vocal Point will always provide their own. 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. 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 Dante Ethernet lines. It is preferable that a dedicated Ethernet tie line be installed in the venue from side stage to FOH. In the understandable situation that such accommodations are not available, the distance from the provided audio booth to the side stage rack must not exceed 200 feet.

Where Vocal Point will be utilizing the in-house sound system (see Sound Systems below), 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 in the back of 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 and the sub channel must not be sent to the stereo feed but to sub aux send.

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.

## **Sound Systems**

Vocal Point has a sound system that will be sufficient for audiences up to, but not exceeding, 500 people. If the expected audience will be greater than 500 people, a sound system meeting the criteria listed below should be provided, either already installed in the venue, or rented from a reputable vendor. Before renting a system, please confirm the rental agreement with Adam Millett to ensure that the system will be adequate. Guidelines for sound systems are as follows:

A high-definition (professional-grade) sound system capable of providing at least 100 dB without distortion at every seat in the venue is required. The subwoofers must be controllable by a dedicated AUX send. If the in-house subwoofer cannot be individually controlled, separate subwoofers must be brought into the venue, either rented or, if possible, by Vocal Point.

## **Lighting**

Illumination of the entire stage with a warm color wash is necessary. Lighting should be strong from the front and sides to maximize light and minimize shadows on the performers' faces. Where possible, the venue will provide a lighting technician for a rehearsal before the show(s) and during the show(s). See schedule below for timing.

The venue should provide 2 matching spotlights with operators. The cues for these spots will be called by the Vocal Point stage manager Caitlin Black via in-house coms system.

## **Projections**

Vocal Point will provide one projector to be flown on the first electric. This will project onto the 6 circular projection screens flown on the furthest upstage baton. The distance between projector and screens should be between 36-44 feet. If flying this projector is not a possibility, the projector will need to be placed in the house at a distance of approximately 60-180 feet. This projector will receive signal input via a 500 foot fiber-line that runs from Front of House to the projector.

Vocal Point will also require the use of the in-house projector and screen if available. An input signal needs to be run to the audio booth where the signal computer will be.

## **Soft Goods**

A main or grand curtain will not be used by Vocal Point. A black traveler, black borders, and black legs should be flown in according to arrangements made beforehand and as described in the performing area section of this rider.

## **Load In/ Load Out**

Load In: 6 hours uninterrupted before scheduled meal or pre-program (Example: dinner,

social hour, etc. See Schedule below). While it is understandable for stage hands and other technical support individuals to be working during load-in, the venue should be closed from all other people. Pre-show advancement should also include details such as load-in schedule for all parties involved as well as information regarding parking, loading dock etc.

Load Out: 2 hours

## Schedule

At least 3 hours before first event (performance, opening social, dinner etc...)

Based on time of performance, the itinerary should follow this time frame:

11:00 am Load In - Any lighting and audio technicians as well as stage hands and riggers that will be assisting with the performance should be in attendance.

5:00 pm Sound Check - Vocal Point will do a run-through of the show during the remaining time before first event. During this time, the provided lighting technician should mark cues for the performance.

6:00 pm Break before show - Vocal point will eat the meal *provided by the presenter at the venue*, change into their costumes, make final notes, and mentally prepare for the performance (Any pre-show Meet-and-Greet or VIP Backstage interactions must be arranged ahead of time and the schedule adjusted accordingly to still accommodate all other requirements).

7:00 pm Doors Open - The opening of the doors must be confirmed with Vocal Point's stage manager Caitlin Black.

7:30 pm Performance - A typical Vocal Point show lasts 2 hours with one 15 minute intermission

10:30 pm Load Out - allow at least 2 hours for the load out

## Merchandise

5 Tables and 10 chairs should be set up in the main foyer of the venue prior to arrival. Two tables and 1 chair will be utilized for the selling of merchandise and 3 tables with 9 chairs will be used for CD signings after the performance. If available, stanchions should be set up to organize a queue-line for the meet-and-greet/CD signing. Vocal Point will provide a sales person to sell merchandise unless otherwise communicated to the presenter.

Please send the *Performance Site Questionnaire*, floor plan, and any additional facility information available to Performing Arts Management (email: [perform@byu.edu](mailto:perform@byu.edu)).

Please send the *Performance Site Questionnaire*, floor plan, sound system specs, lighting specs and plans, stage plot and diagram, and any other questions or comments with regards to the technical aspects of Vocal Point's performance to Adam Millett ([byuvocalpointtech@gmail.com](mailto:byuvocalpointtech@gmail.com)). We are extremely excited to work with you!