



Technical Rider for BYU–Hawaii Studio Orchestra

*Concert hall or acoustically-appropriate theater or auditorium
2023-2024*

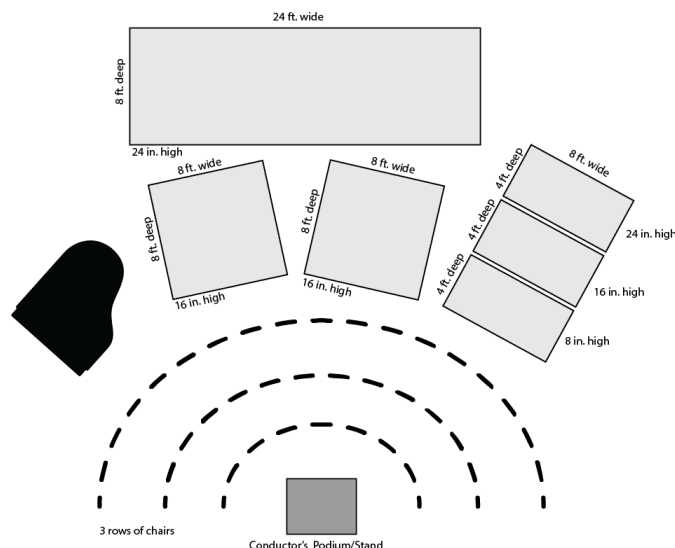
The BYU–Hawaii Studio Orchestra is an instrumental and vocal group with strings, woodwinds, brass, percussion, and mixed or solo vocalists. Acoustically-appropriate venues with some reverberation such as concert halls, churches, and some theaters and auditoriums are preferred. A sound system is also needed for the vocalists as well as some instruments. Some drama theaters, arenas, outdoor areas, and non-acoustic auditoriums are often less suited for such performances.

Set Up Time

The orchestra generally requires 60 minutes to unload and set up, and an additional 30 minutes of rehearsal and sound check time.

Staging Considerations

1. **Performing Area** – 35-45 feet wide (11-14 meters) by 35 feet deep (11 meters). Additional wing space on either side of 2.5 feet is ideal for moving on and off stage.
2. **Walls** – Side and backdrops should have hard surfaces made of heavy wood or brick. Curtains and drapery greatly inhibit (absorb) the sound and should be minimized.
3. **Acoustical Shell** – If an acoustical wall or shell is available, please have it in place before the orchestra arrives.
4. **Risers** – Risers – If available, risers are requested to elevate the percussion and brass sections. The percussion section should be 24 feet wide by 8 feet deep and 24 inches high with stair access on both sides. Risers for the brass section should be tiered at heights of 8 inches, 16 inches, and 24 inches. Each of these tiers should each be 8 feet wide and 4 feet deep. Two additional 4 foot by 8 foot riser at 16 inches high are requested, one for the drums and one for the bass and guitar.



The BYU–Hawaii Studio Orchestra is one of several student ensembles developed by the Faculty of Culture, Language & Performing Arts at Brigham Young University–Hawaii in Laie, Hawaii.

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Stage Equipment

1. **Piano** – A 6-foot to 9-foot grand piano is preferred, but not necessary; a smaller grand piano or an upright piano will be acceptable if a grand piano is cost prohibitive. The piano provided must be tuned on the day of the performance and be placed center stage. (Please inform us of the type of piano available.)
2. **Microphones** – Eight vocal microphones (wireless is preferred) on a stand are needed. Six microphones are for vocalists and two are for instrumental soloists. These should be placed at the front of the stage.
3. **Amplifiers** – Two amplifiers, one for guitar and one for bass, is needed.
4. **Conductor's Podium/Stand and Conductor's Step** – a conductor's step that elevates the conductor by at least 8 inches and a conductor's podium is needed.
5. **Chairs** – 45 chairs should be on stage when the orchestra arrives. Our crew will position chairs for the concert. It is preferable that all chairs be non-folding and straight backed.
6. **Music Stands** – 46 music stands are requested if available.
7. **Instruments** – A full set of four timpani, marimba, xylophone, glockenspiel (orchestral bells), acoustic upright bass, and harp are needed. It is possible that the group will be renting these instruments for the duration of the tour.

Audio

The house system should have sufficient coverage to all seats and provide the full range of audio frequencies to support both vocal and instrumental music produced throughout the performance.

Lighting

Strong overhead white lights should illuminate the entire area so that the players are able to see their music clearly. If available, stronger lights are requested on the front of the stage for the singers.

Dressing Rooms

Separate dressing rooms for men and women, should be provided to accommodate 20 men and 30 women.

Warm-Up

A large room near the stage for warm-up and concert preparation is requested. If necessary, clothes and personal belongings can be placed in this room if it can be locked.

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