



# Technical Rider

2023-2024 Season  
Performing Arts Management

# Synthesis

801-422-3576 | pam.byu.edu

The following information outlines the technical requirements of Synthesis. Please reach out to Sam Herrera via [sam.herrera@byu.edu](mailto:sam.herrera@byu.edu) with any questions.

- Load-in:** Please have the required set-up completed when we arrive, as specified in the attached diagram.
- Sound:** Synthesis travels with a full sound system, but may require access to house speakers from our mixing console. When we arrive, please have someone available who can accommodate this.
- Power:** We require two 20 amp power circuits, one downstage center and one upstage.
- Lighting:** Lighting should allow all 20 musicians to be visible to the audience.
- Piano:** A recently tuned grand or baby grand piano is preferable. If neither is available, we will bring our own electric piano.
- Stage:** The stage should be a minimum of 30' wide by 24' deep (9.1m x 7.3m) and large enough to accommodate the setup shown on the diagram below. Risers are needed for the brass section (16' wide x 12' deep x 16" tall or 4.9m x 3.7m x 0.4m).
- We travel with our own music stands, but would prefer seven more if they are available. We need 20 chairs, arranged according to the diagram.
- Load-out:** A minimum of one hour for strike and load-out time is required.

## Input and Equipment List

Input	Placement	Microphones	Stands	Other Equipment	Make and Model	Wattage
1	Kick	Shure Beta 52A	1 short boom	Guitar Amplifier	Roland, CUBE-40GX	43W, AC 117 V
2	Snare	Yellow DPA		Bass Amplifier	Phil Jones, BASS CUB BG-100	100W, 100-240V
3	Overhead, Stage Right	Red DPA, 4099	1 tall boom	Digital Mixing Console	Yamaha, QL 1	135W, 100-240V
4	Overhead, Stage Left	Red DPA 4099	1 tall boom	Audio Interface	Yamaha, QL 1	120W, 100-240V
5	Bass	DI		Stage Monitor 1	L-Acoustics 108 P	1150W, 10A MAX / 115V, 5A MAX / 230V
6	Guitar	Ehrlund EHR-E	1 short boom	Stage Monitor 2	L-Acoustics 108 P	1150W, 10A MAX / 115V, 5A MAX / 230V
7	Piano High	Red DPA or DPI				
8	Piano Low	Red DPA or DPI				
9	Sax 1	Red DPA, 4099				
10	Sax 2	Red DPA, 4099				
11	Sax 3	Red DPA, 4099				
12	Sax 4	Red DPA, 4099				
13	Sax 5	Red DPA, 4099				
14	Trombone 1	Yellow DPA, 4099				
15	Trombone 2	Yellow DPA, 4099				
16	Trombone 3	Yellow DPA, 4099				
17	Trombone 4	Yellow DPA, 4099				
18	Trumpet 1	Yellow DPA, 4099				

19	Trumpet 2	Yellow DPA, 4099				
20	Trumpet 3	Yellow DPA, 4099				
21	Trumpet 4	Yellow DPA, 4099				
22	Trumpet 5	Yellow DPA, 4099				
23	Solo Mic 1	Sennheiser 421	1 tall boom			
24	Solo Mic 2	Sennheiser 421	1 tall boom			
25	Vocal 1	Shure SM58	1 tall boom			
26	Vocal 2	Shure SM58	1 tall boom			

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Synthesis  
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