



## **Worship and Concert Technical Rider**

**Technical Director:** John Marsden, tech@bethschafer.com, 407-948-7065

*It is required that the local technical contact review and confirm receipt of this Technical Rider with the Technical Director. Technical contact or representative must be present for Artist load-in and soundcheck.*

### **PURPOSE**

The purpose of this rider is to describe in as specific detail as possible those items and services that the ARTIST feels are important to make this event (and the work surrounding it) as successful as possible, benefiting the CLIENT, the ARTIST, the audience, and certainly the Jewish and extended community as a whole. This rider is designed to help the CLIENT, or any of his/her employees/ volunteers, organize appropriate details as the event day approaches.

The ARTIST'S desire to promote a sense of trust and goodwill. If there is a question or problem that needs resolving, please immediately call the contact numbers on the front page of this document in order that the issue can be quickly resolved. We are very reasonable people and just want to make sure that you the CLIENT have the most wonderful experience possible.

### **WORSHIP (for up to 500 people)**

*Client and Artist will work together to combine Artist's technical needs with local worship needs. One sound system must be used for both Artist and client. Therefore, if local sound system cannot handle the Artist's technical requirements (inputs, monitoring, adequate frequency response), the following guidelines for fly dates will need to be met through a 3<sup>rd</sup> party sound reinforcement company:*

1. **SPEAKERS:** Two (2) Mackie SRM450 or JBL Eon G2 powered speakers, or similar on speaker stands positioned downstage on either side of the stage area.

In the event that powered speakers are unavailable from your local sound & lighting vendor, a suitable substitution would be a pair of bi-amplified speakers with a minimum 15" bass speaker and horn, and a **stereo** amplification system of at least 500 watts per side such that the resulting system shall exhibit an even frequency response, 40Hz to 16kHz (+/- 3dB) and be capable of 105dB (C weighted) with 5 dB of reserve measured on axis 30 feet in front of the FOH Main Speakers.

2. Two (2) powered subwoofers (Mackie, JBL or similar) of at least 500 watts positioned beneath the main speakers in Item #1 above. This subwoofer can be connected thru a

passive or active crossover system to the other FOH speakers. Any system control devices must be adjustable on-site by the Artist.

3. All cabling required to interface said sound system with house power and the XLR outputs of the ARTIST's sound board located at the downstage stage left position. All sound equipment & cabling should be set-up and in-place prior to arrival of ARTIST. The sound technician must be present at the arrival time of the ARTIST to ascertain system performance. The presence of the sound technician is not required during the actual performance.
4. **Bass Rig:** 200w-300w Combo amp (Ampeg, SWR, Trace Elliot or similar)
5. **Keyboard:** 88 Key Weighted Piano Controller (Kurzweil PC2, PC88 or similar) with heavy-duty, dual-layer (for 2 keyboards), double-braced "X" stand (Ultimate or similar), full size sustain pedal, etc.
6. **Drums:** Premier, DW, Yamaha Custom or similar

***Drum Sizes:***

22" Kick

Three Toms - 10", 12" (mounted) & 14" (Floor) Toms

14" x 6.5" Wooden Snare

Mounting Hardware for Drums

Cymbal Hardware (stands) for 2 Crashes, 1 Splash, 1 Ride, and Hi-Hat Stand

Drum Throne

Drum Rug (5' x 7')

7. Power cabling and 120v drops with Quartet Boxes to each performer location and amplifier location (Stage Left, Stage Right, and Center Stage - both downstage and upstage).
8. Five (5) boom style microphone stands and Five (5) heavy-duty black music stands (Manhasset or similar)
9. **COMBINING WITH LOCAL REQUIREMENTS:** Artist mixer can handle an additional two (2) mic inputs. (i.e. Rabbi/Cantor, Cantor/Guitar, Bima/Choir). If local input requirements exceed two (2) inputs, Client must provide technical means for Artist to interface with existing (or rented) Client sound system. In most cases, this would mean the addition of a second mixer (analog is suitable i.e. Mackie 1604) and operator. Artist will provide a two-channel stereo mix of Artist ensemble. Due to Artist in-ear monitoring system, Client system must provide dedicated monitor mix channel of additional local inputs.
10. **SPACE:** Artist and Ensemble need to be featured together during worship. Space must be arranged as best as sanctuary can accommodate to place Artist and ensemble together.

## FOR VENUES THAT EXCEED 500 people

In addition to items 1-10 above, adequate sound reinforcement must be provided that will exhibit an even frequency response, 40Hz to 16kHz (+/- 3dB) and be **capable of 105dB** (C weighted) with 5 dB of reserve measured on axis 30 feet in front of the FOH Main Speakers. In the event that additional sound reinforcement is required, said system must be reviewed and approved by Artist Technical Director.

## CONCERTS (for venues up to 500 people)

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2. Two (2) powered subwoofers (Mackie, JBL or similar) of at least 500 watts positioned beneath the main speakers in Item #1 above. This subwoofer can be connected thru a passive or active crossover system to the other FOH speakers. Any system control devices must be adjustable on-site by the Artist.
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8. Five (5) boom style microphone stands and Five (5) heavy-duty black music stands (Manhasset or similar)
9. **STAGING** - Stage area should be a minimum of 30' wide by 20' deep. If staging area is the Bima, pulpits and other ritual furniture that is movable must be cleared before Artist arrival to ensure adequate performance space and audience site lines.

**FOR VENUES THAT EXCEED 500 people**

In addition to items 1-9 above, adequate sound reinforcement must be provided that will exhibit an even frequency response, 40Hz to 16kHz (+/- 3dB) and be **capable of 105dB** (C weighted) with 5 dB of reserve measured on axis 30 feet in front of the FOH Main Speakers. In the event that additional sound reinforcement is required, said system must be reviewed and approved by Artist Technical Director.