



Latest revision March 2017

## Technical Rider

The following Technical Rider is provided by ABBA-Salutely 70's to ensure the best performance possible. For questions regarding this rider, please contact The ABBA-Salutely 70's Show Director.

### Sound System:

The Sponsor and Venue should make provisions for sound to be mixed from the side of the stage, or in the middle or directly behind the audience. Mix position should not be behind glass or any other obstructive object. The audio engineer must have total access to entire system, including amplifiers and crossovers.

### FOH P.A.:

1-LCR or Stereo P.A. for front of house with professional concert mains. P.A. must be capable of producing 105dB of clean, undistorted full range sound with a frequency response of 20 to 20k hertz and should include all amplifiers and cables. Subwoofers are not required, but a plus if available.

### FOH Console:

An analogue or digital 24 Ch (min) mixer with 3 or 4 band semi parametric EQ, hi-pass filters, and at least 4 aux sends. Preferred mixers are Behringer x32, Midas m32, Yamaha LS9, Allen & Heath q32 or MixWizard, but we can use just about any professional mixer. If a digital mixer is provided, then there is no need for outboard EQ's or effects processors. Channels must be assignable to stereo, mains, or groups.

### Monitors:

Monitors will be mixed from front of house console.

8 wedge monitors for 4 mix run off of aux 1 with a graphic eq inline.

Monitors must be 2 way, preferably with at least a 10" speaker with 1" horn. Any monitor similar to EAW, JFX 100', EAW JFX 250's, Meyer PSM-2 or EV X Array is preferred.

Power amps capable of pushing 1 discreet mix.

### Microphones:

4 SHURE or SENNHEISER WIRELESS (Or equivalent, no Radio Shack) UHF microphones on separate adjustable frequencies. Beta 87, Beta 58, KSM9 or better heads on the transmitters.

Six round base mic stands with appropriate clips on stage.  
Please label microphones with numbers 1 through 8

Horns - 3 Clip On condenser (preferred) or Boom stand Instrument mic. SHURE SM-57 or better.

Guitar - SHURE SM-57 or better.

Bass - Direct Input 2 way

Drums - Kick - SHURE beta 52a or better.

Snare / Hi-Hat - SHURE SM-57 or better.

Overhead - SHURE SM-81 or better.

**FOH Rack:** (if using a digital console, some of these items may not be needed)  
4 (or 3 for Stereo Systems) Channels (LR or LCR, Monitor Mix 1) of 1/3 Octave Graphic EQ. 1  
Digital  
Reverb Unit (TC Electronic, Yamaha or Lexicon)

*If we use a digital console with built in effects, we can skip the above Digital Reverb Unit.*

1 Digital Delay Unit (TC Electronic, Yamaha or Lexicon)

*If we use a digital console with built in effects, we can skip the above Digital Delay Unit.*

**Etc:**

All necessary patch cables will be needed including enough speaker cable for FOH and Monitors. All appropriate power, amplification, and crossovers.

Mic Channel Input List			
Ch 1	Wireless 1	Ch 13	Drums overhead
Ch 2	Wireless 2	Ch 14	Horn Mic 1 - Clip on when available
Ch 3	Wireless 3	Ch 15	Horn Mic 2 - Clip on when available
Ch 4	Wireless 4	Ch 16	Horn Mic 3 - Clip on when available
Ch 5	Keys 1	Ch 17	Digital Reverb Return L
Ch 6	Guitar 1	Ch 18	Digital Reverb Return R

Mic Channel Input List			
Ch 7	Keys 2	Ch 19	Digital Delay L
Ch 8	Keys 3	Ch 20	Digital Delay R
Ch 9	Guitar 2	Ch 21	Playback Device L
Ch 10	Bass Direct input	Ch 22	Playback Device R
Ch 11	Drums Kick	Ch 23	
Ch 12	Drums Snare	Ch 24	
Aux 1	Front Monitors	Aux 3	Keys monitor
Aux 2	Drum monitor	Aux 4	Horn monitor

### **Lighting:**

The stage should be evenly lit all the way across and up and down stage. Lighting should be flesh tones, blue, magenta, red, and yellow. Spot light should follow soloists, and performers when they enter the audience.

### **Projected Images:**

If the venue has projection capability and large screen in the rear of stage, images will be provided on a flash drive. Images change manually on each song during the show.

### **Staging:**

Stage should have a minimum of 30' wide x 20' deep x 8" high playing space, with a minimum 8' height between the stage and ceiling, and a maximum distance of 8' between stage and closest audience member.

Stairs should lead from stage left and stage right directly into the audience.

There should be wing space or at least side panels for quick changes to be made on either side of the stage. Access to a backstage changing area will also work.

Please make sure there is plenty of bottled water set for performers for sound check and show.

### **Playback for Track Shows:**

1 Stereo CD Player or Macintosh Computer

Please include cables to connect playback device, whether it's the CD player or computer.

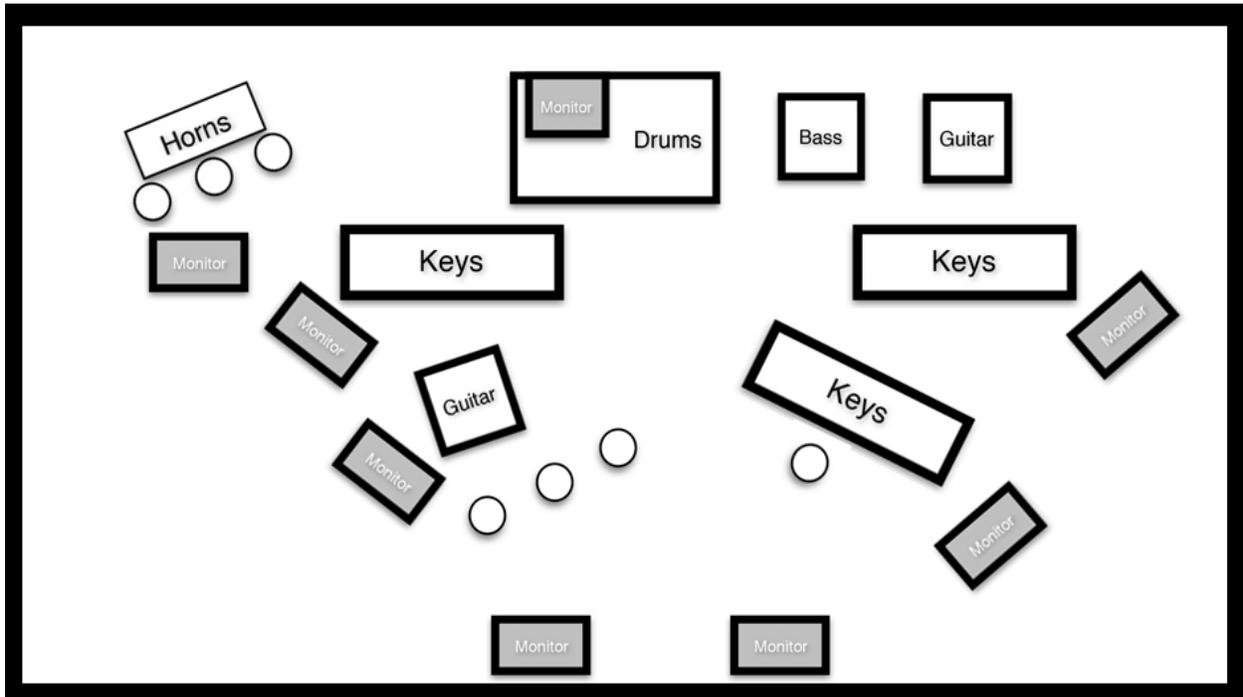
ABBA-Salutely 70's will provide flash drive with set list.

**Stage Plot for Band Shows (13 piece)**

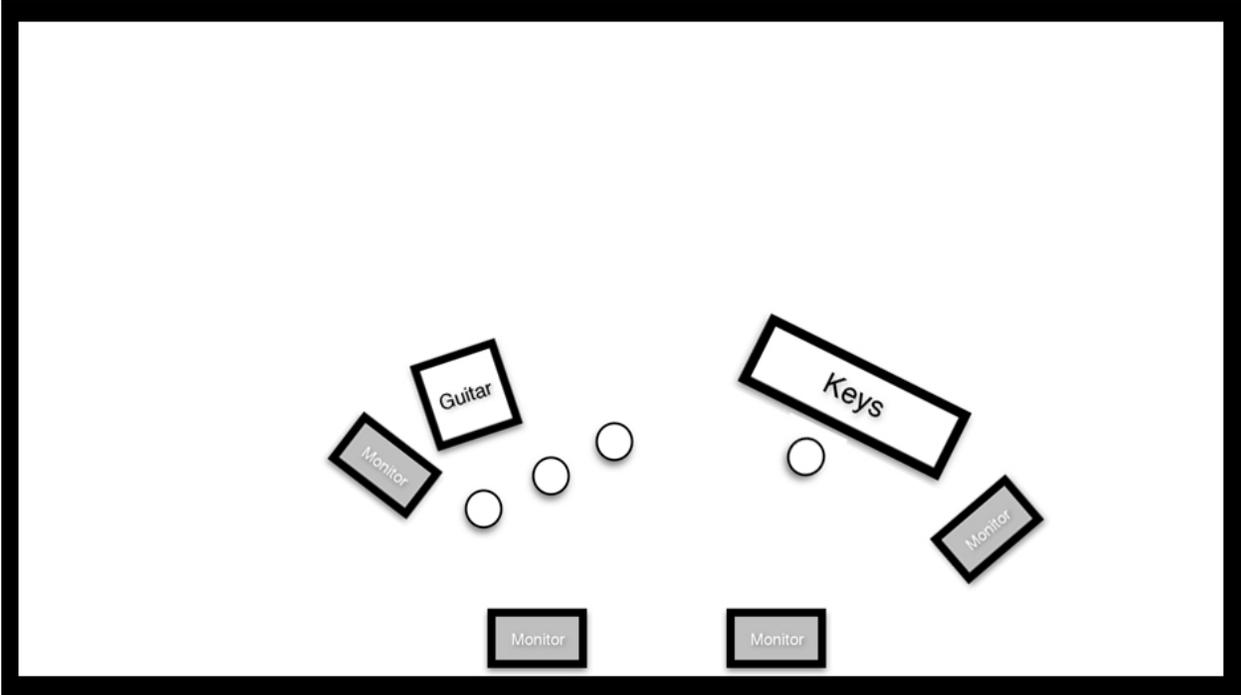
**Stage:** 30' by 20' Stage is requested. 30 inch height.

**Electrical:** 3- 4 way boxes at stage (20 amp, 110 volt)

**Full Band plot**



Track Show Plot



4 piece Band

