

**TECHNICAL REQUIREMENTS:**  
**Back To Back - Elton John and Billy Joel**



**GENERAL:**

In our experience we have for the most part found the house techs/sound companies as provided by host orchestras to be highly competent professionals who know and understand the needs of their orchestra and their performance venue. As such we are comfortable in trusting their recommendation and expertise. Conceptually all Jeans 'n Classics productions are designed to feature the sound of the orchestra and as such the band and the orchestra should be equally sharing the musical picture as opposed to the orchestra being mixed into the back ground. The following are simply guidelines.

**MICS - BAND & SINGERS:**

<b>Lead Vocalist (s)</b>	- 1 lead vocal mic required (cordless)
<b>Back Up Vocalist (s)</b>	- 2 backup vocal mics required (cordless)
<b>Band</b>	- 1 vocal mic required at piano

**MICS - ORCHESTRA:**

<b>Strings</b>	- Contact mics on all strings is ideal - If impossible separate mics per player or minimally 1 mic per desk
<b>Winds</b>	- 1 mic per wind
<b>Brass</b>	- 1 mic per brass instrument
<b>Percussion</b>	- Individual mics on the congas/bongos area - Ambient mics on the "toys" for wind chime, tambourine etc, where the player can approach the mic - Individual mics on the vibes/marimbas area - Timpani and bass drums may or may not need ambient mics depending on the venue
<b>Special</b>	- up front solo violin on "Piano Man"

**BAND INSTRUMENTS:**

<b>Electric Bass</b> (Mitch Tyler)	- Bass player will need DI line, or in some cases may bring his own ears / mixer and therefore will need a line to the mixer - Bass guitar to be provided: - 4- String Fender Precision (American made preferred) with strap
<b>Guitars</b>	- 1 DI lines will be required for an acoustic guitar played by lead vocalist from time to time - 2 guitar stands to be provided
<b>Piano</b>	- Grand piano will be required please.

## Drums

### Standard Yamaha 5 piece:

(Choose from any of the following, in order of preference):

- Recording Custom
- Maple Custom
- Oak Custom
- Absolute Series (Birch, Maple, or Oak)

Or an equivalent DW 5 piece (i.e.; Collector's Series Maple)

### Specifications:

- A. 22" or 20" Bass Drum
- B. 14" WOOD Snare Drum (Any depth, NO PICCOLO)
- C. 10" Mounted Rack Tom (mounted on Bass Drum)
- D. 12" Mounted Rack Tom (mounted on Bass Drum)
- E. 14" Mounted or Freestanding Floor Tom (Mounted on Freestanding combination Cymbal/Tom stand) \*(10-12-14 Tom combination is preferred, other combinations will suffice: 8-10-12 (mounted floor), or 10-12-16 (freestanding floor) **MUST** always have a 2" interval between Rack Toms, and at least a 2" interval between second Rack Tom and Floor Tom (**NO** 12-13 Rack Tom combination)
- F. 1 Yamaha/DW Snare Drum Stand
- G. 3 Yamaha/DW Cymbal Stands with boom option
- H. 1 Yamaha/DW Hi Hat Stand with clutch
- I. 1 Yamaha/DW or comparable PROFESSIONAL Drum Throne/ Stool; must be in PERFECT working condition.
- J. 1 Yamaha/DW Bass Drum Pedal (or Tama "Iron Cobra")
- K. 20" or 22" Ride Cymbal (Zildjian or Sabian only)
- L. 2 Crash Cymbals of different sizes, chosen from 14", 15", 16", 17" or 18" - dark or thin (Zildjian or Sabian only)
- M. 1 pair of 14" or 13" Hi Hat Cymbals (Zildjian or Sabian only)
- N. Heads: • Bass Drum Head should be Remo Pinstripe or Clear Ambassador or Clear Emperor (or comparable PROFESSIONAL Manufacturer – Evans/Aquarian) Resonant (Front) Head with hole  
• Snare Head **MUST** be Remo white coated Ambassador Batter (top) with Remo Clear Diplomat Snare Head (bottom) • Toms should be Remo Pinstripe or Clear Ambassador or Clear Emperor Top Heads, and Remo Clear Diplomat Bottom Heads (or comparable PROFESSIONAL Manufacturer – Evans/Aquarian)
- O. Drum Rug (suggested size: 8X8)
- P. 1 Drum Key
- Q. Plexiglass drum shield/encasing required; a drum shield with enough panels to completely surround the drum set, with the panels no less than 5 feet in height.**

## SOUND / MONITORS:

<b>Monitors</b>	<p>Generally we are trying to create a quiet on stage sound in order to give front of house the optimum orchestral head-room. Therefore in-ear monitor systems are ideal for the band. (Some of our personnel will bring their own in-ear buds/monitors). If an in-ear system is not possible:</p> <p>Small wedge monitors are preferred for the vocalists - <b>3</b> across the front line of the stage. If you have additional monitors they would be beneficial near the brass and percussion sections.</p> <p>Our drummer brings his own ears and mixer and will need</p> <ul style="list-style-type: none"><li>- 1 stereo XLR line (male) for monitor mix, instead of wedge (or 2 right/left XLR lines), positioned on Hi Hat side, plus</li><li>- 1 A.C. drop - positioned on Hi Hat side and</li><li>- 1 music stand (or mic stand)</li></ul> <p>Our bass player brings his own ears and mixer as well and will need a similar line for his mixer.</p> <p>We will need <b>6</b> separate monitor mixes for our personnel.</p> <p><b>** Note – It is very important that the monitor operator be sensitive to the orchestra in keeping the monitor levels as low as our personnel are comfortable with.</b></p>
<b>Soundman</b>	A set of scores can be provided for the soundman if required in order to follow the arrangements.

## FOR FURTHER INFORMATION:

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