



Tech Rider

Some Basics

- I typically like to setup FOH with a table for a mixer board and PC, ~30 to 50 feet from stage.
- I try to dial in basic levels best as possible during sound check, assuming the venue/situation allows. Ultimately, I end up doing a lot of tuning during the first few songs.
- It always helps the sound guy to reduce stage noise as much as possible, running most everything through PAs for best control. The ideal setup IMO is:
 - Mic the drums or control the sound as to not overpower the rest of the band.
 - Mic the bass and guitar amps and keep them at lower levels so we are not fighting with the PA volume.
 - IEMs are best to keep stage noise down, but wedges are OK if some musicians are not comfortable with IEMs. Most bands tend to end up with a mix.
 - I have Behringer P16-Ms, which allow each musician to easily control their own monitor mix. This alleviates trying to communicate with me about monitor mix and levels during the gig.
 - There is a great article on stage volume here:
<https://carvinaudio.com/blogs/guitar-bass-education/how-to-improve-your-live-shows-by-reducing-your-stage-volume>.
- But... venues are all different. Outdoor and big venues are generally easier with more freedom to mic all the instruments, whereas small bar venues can have very challenging acoustics and small stages. In these situations I often will not mic drums or guitar amps (except usually lead guitar), relying on the musicians to keep these at reasonable levels so we can still bring out the vocals.
- I prefer to use most of my own equipment (below) since it makes it easier for me to get to the gig early and know what I'm working with.
- Any information regarding your band makeup, playlist and preferences is appreciated.



My Equipment

- **PA**
 - JBL SRX 15" tops & 18" subwoofers.
 - Fill: Carvin 15"
- **Mixer**
 - Midas M32 mixer & 32 Chan stage box (digital snake) with Wifi control.
 - FOH Behringer X-Touch mixer board.
- **Monitors/Fill Speakers & Systems**
 - 4x EON712, 12", 2x JBL EON610, 10", 2x Carvin 10" wedge monitors.
 - 6x Behringer P16-M personal monitors via Ultranet. Allows each musician to adjust their own monitor mix. Analog output to wedge, Xvive or IEM.
 - 6x Xvive U4 wireless systems (plug in your own 1/8" earbuds).
- **Vocal Mics**
 - Wireless: Shure ULXD, 8 channel with SM58 handhelds, lavalier mics, bodypacks, etc.
 - Wired: 5x Shure SM58, 1x Shure Beta 58A, 2x Behringer XM8500, 2x Shure SM35 "Britney", Audio-Technica AT2035 (for MC/announcer or crowd mic).
- **Instrument Mics**
 - 3x guitar amp mics, GLS ES-57.
 - 1x bass amp mic, AKG P2.
 - Audix DP7, 7-piece drum mic set.
 - 1x D6 for kick drum.
 - 1x i5 for snare (clip on mic).
 - 2x D2s for toms (clip on mic).
 - 1x D4 for floor tom (clip on mic).
 - 2x ADX51s for overheads.
 - DI Boxes for Keys and/or guitar amps as needed.
- **Backline & Misc**
 - Fender Rumble 200 bass amp.
 - Mic stands, ~20+.
 - All cables.
- **Not provided**
 - Guitar and bass amps.
 - Bring vocal mics if desired.
 - IEMs.



Band Questionnaire

- Band & band leader name _____
 - Email & cell _____
 - Band website, facebook, etc. _____
 - Music (classic rock, etc.) _____

- Band Members

No.	Band Member Name	Description (Lead/Rhy G, Bass, Mandolin, Keys, Sax, Drums, Vocal, etc.)	Instruments Electric: Direct Out or Mic an Amp? Acoustic/Horn: Mic on stand or clip-on mic?	Vocal Mic?	IEM or Wedge?
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

- If applicable:
 - Bluegrass style "gather-round" mic configuration? _____
 - Drums
 - Description of kit: _____
 - Preferred drum mics: _____

- Any additional **Band** info you can provide



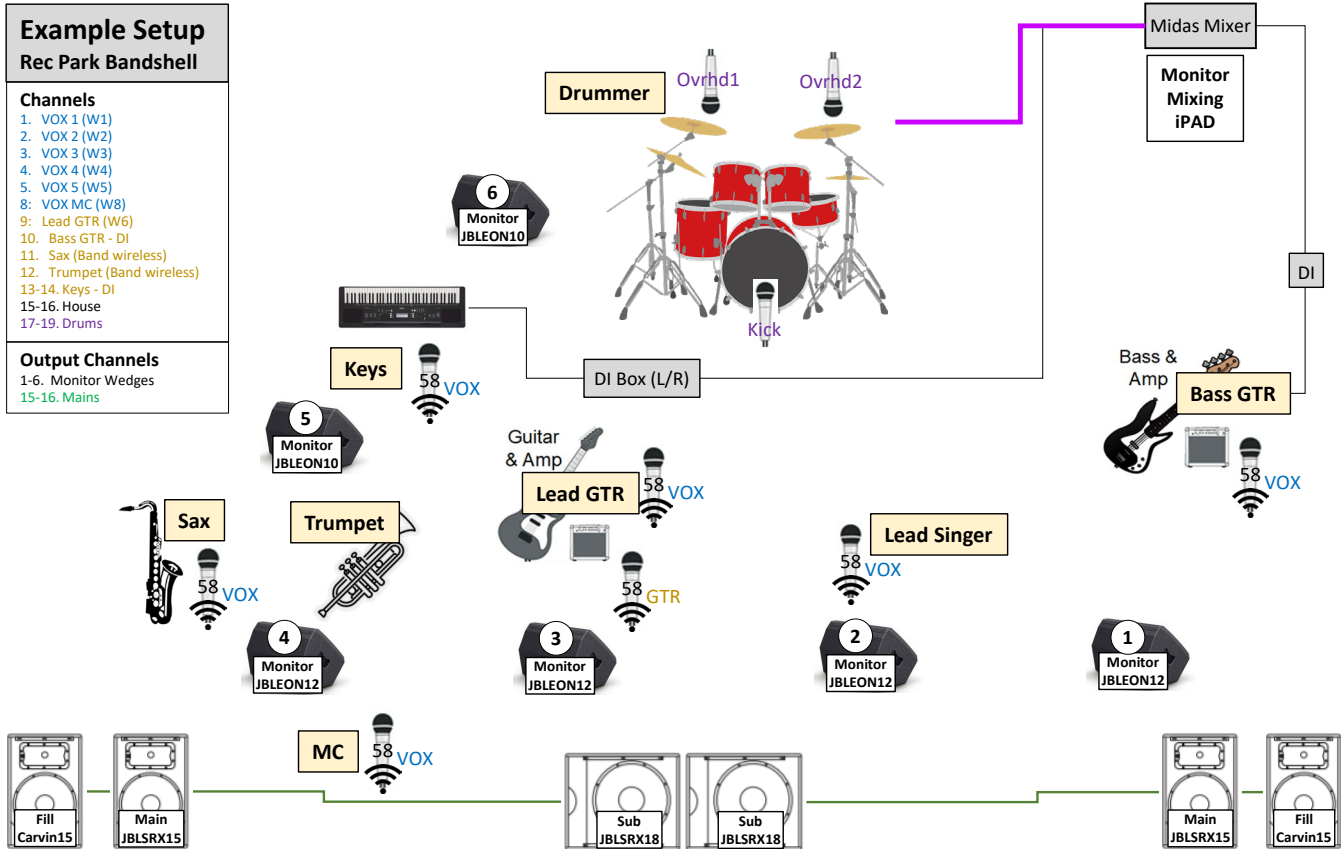
Venue Questionnaire

- Venue Name _____
 - Address _____
 - Contact at Venue _____
 - Date/Time _____
- Other bands before/after? _____
- Earliest Setup Time _____
- Indoor or Outdoor _____
- Anticipated crowd size _____
- Stage Size, Elevated? _____
- Power provided (or need gen.)? _____
- Any sound level restrictions? _____
- Any additional **Venue** info you can provide



Typical Stage Layout

Please comment or draw over top of one of these typical layouts to indicate what you prefer. Alternately send your own sketch of preferred stage layout.





Typical Sound Engineer Setup

