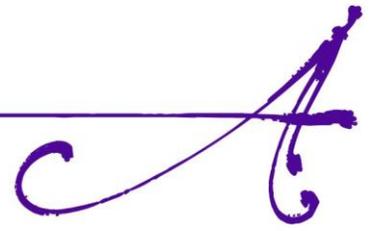


# Sound & Stage Requirements



This rider is to be used as a guide. If you have any issues with meeting these requirements please contact us and we will work with you to ensure the best possible setup within your restrictions. If Avante is providing our own sound equipment all that is required is power suitable for the system specs on the last page of this document, as well as extension cords to ensure that power will reach to all necessary locations.

## Front of House mixing console:

Please make sure that the console is in the audience area. Side-of-stage or behind-stage positions usually cause huge problems for us, because what we do is pretty unusual, sonically, and we need the sound technician to hear the room while we're on stage.

Minimum of twelve (12) channels with at least eight (8) XLR inputs. Each channel must have four bands of EQ (including at least two bands of sweepable parametric).

Examples: *Soundcraft Venue series or equivalent*  
*Mackie 2404*

## Front of House / Monitor Outboard:

1. One (1) stereo 31-band (1/3-octave) graphic EQ with long-throw faders.

Example: *Klark Teknik DN 360 or comparable (White, New DBX)*

2. One (1) stereo 31-band graphic EQ's with long-throw faders (one for each monitor mix) (of similar quality).

3. Two (2) high-quality reverb units (optional)

Examples: *Yamaha SPX 900 or equivalent*  
*Lexicon PCM 70 or equivalent*

4. Six (8) channels of compression (optional)

Examples: *Drawmer*  
*dbx*  
*Behringer*

5. Avante may bring their own digital mixing console as an alternative if the above requirements are not able to be met.

## Front of House Main Speaker System:

Speakers should be capable of delivering 105 dB of clean full-range sound throughout the entire listening area. In most venues between 300-800 seats we will require at least two (2) 18-inch sub cabinets and two (2) top cabinets, each housing a 15-inch woofer and 2-inch driver. For larger venues greater than 800 seats, more substantial main amplification will be required.

Example: *JBL, QSC, Meyer, EAW, or equivalent speakers.*

## Front of House Amplification:

Necessary to deliver 105 dB of clean full-range sound through speakers as described above.

Example: *Crown, QSC, or Crest amplifiers.*

## On-Stage Monitor Wedges:

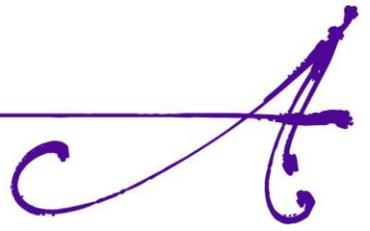
Four (4) or five (5) clean, full-range monitor wedges are required, paired on three separate monitor mixes (see **Stage Plot** on page 3). At minimum, each monitor should contain one 15-inch woofer and one 2-inch driver. At a minimum, monitors should be connected to provide at least three monitor mixes as shown in the diagram on page 3.

## On-Stage Monitor Amplification:

Example: *Crown, Crest, or QSC amplifiers.*

# Sound & Stage Requirements

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## Microphones:

No microphone stands are needed.

*(Note: In addition to these mics to be supplied by the promoter, Avante **may** also be bringing several of their own wired microphones which will be used throughout the show. Please have a few extra XLR cables on hand.)*

Eight (8) high-quality UHF-band wireless vocal microphones should be checked, ready, and waiting at the beginning of sound check (see stage plot).

*Example: Please provide Shure Beta 87 or 58 or comparable (Beyer or Sennheiser) microphones. If this is not possible, please contact us immediately. (See contact information on p. 4 of this rider.)*

## Miscellaneous:

**Promoter must provide a house sound technician, who is very familiar with the house sound system, for both sound check and show. If the technician cannot speak English, please provide a translator.**

**System must be set up, working, and line-checked before the artists arrive.**

Cabling: Please supply all necessary cables to connect and operate entire system.

CD Player (optional): Please supply one CD player at the front-of-house position.

## Notes for sound technician:

Avante will generally try to bring its own sound technician for shows where schedule and budget permit. If the event that Avante must perform without their sound technician we have the following recommendations for creating the best possible sound for the concert.

- For the bass vocal, lower the highs and high mids by 3-5 db, boost lows by approx. 3db and compress generously but don't crush it. We want this to be warm and consistently present. The bass vocalist will adapt his singing to provide more punch where it is needed.
- For Vocal Percussion cut mids and boost lows and highs, being careful not to create an overly abrasive and sibilant sound. This channel will need the most compression with a slow attack and very fast release.
- For other vocal channels cut mids around 350-500 hz by approx. 5 db or more if sound is still muddy and compress lightly with moderately fast attack and release (a little slower on the release)
- Avante will provide a set list with soloist cues and run through tunes during sound check that require multiple changes to solo volume. Please make sure the soloists can be heard above the volume of the overall group.
- For effects a light reverb and delay will be sufficient for most songs. For up tempo songs short reverb and delay for a tight clean sound is best. For the slower songs a lengthier reverb would be appropriate, but delays should generally not result in an audible repeat of the sound.

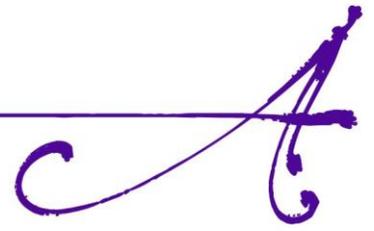
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Avante Vocal Jazz

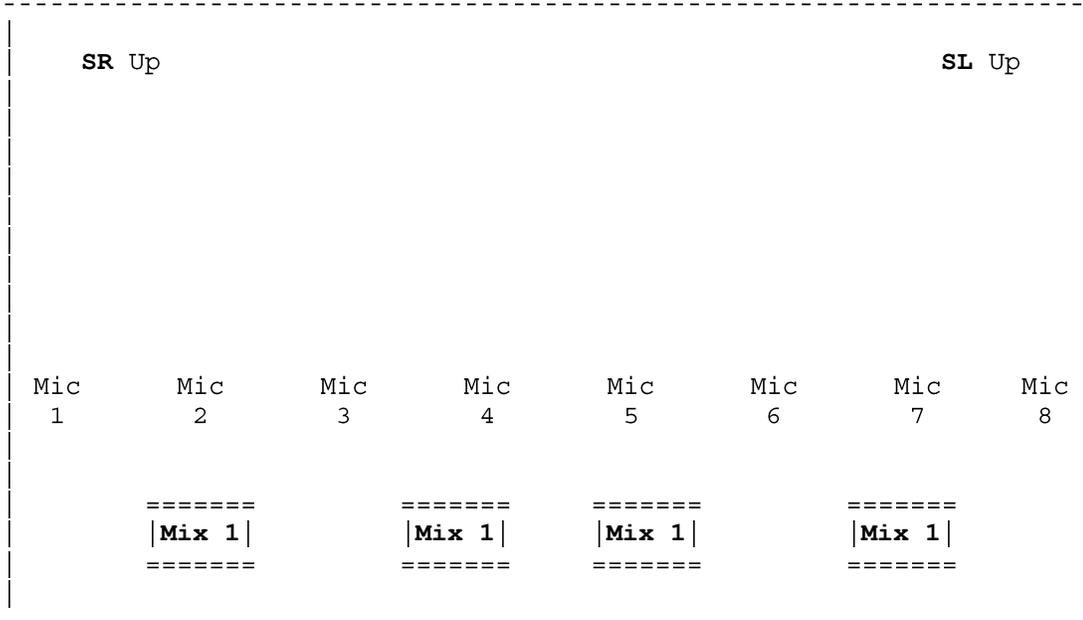
[avantevocaljazz@gmail.com](mailto:avantevocaljazz@gmail.com)

[www.avantevocaljazz.com](http://www.avantevocaljazz.com)

# Sound & Stage Requirements



## Stage Plot



## Stage and Lighting Requirements:

### Stage:

Stage area should be clear of centralized items that restrict movement of performers, or that restrict audience member's view of the stage area. This includes but is not limited to the presence of columns, plants, speakers, banners, vending tables, etc.

The stage should be elevated and should have minimum dimensions of 20 feet wide by 15 feet deep. The performance area should be centered and as far down stage as possible.

Outdoor stages must be protected from the elements (e.g. must be covered in case of rain or direct hot sun).

There must be a private artist-only restroom located near the stage.

### Lighting:

At a minimum the performance area should be well lit, with a general wash over the entire stage. A variety of **colored** lights are **strongly** preferred. Should existing lighting be insufficient for event, lighting from a third party should be rented.

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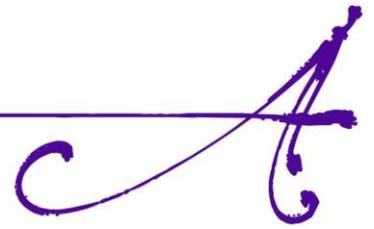
Avante Vocal Jazz

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[www.avantevocaljazz.com](http://www.avantevocaljazz.com)

# Sound & Stage Requirements

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**Thank you** for carefully making your way through this rider! Your hard work and cooperation on all points is very much appreciated. If you would like additional information concerning general details and logistical questions, please contact us immediately. If you encounter any problems in meeting the requirements of this rider, please contact us immediately at the email address “[avantevocaljazz@gmail.com](mailto:avantevocaljazz@gmail.com)” and we'll do our best to answer any questions you may have, and to make sure that we can prepare for and execute the best possible show within your constraints.

We look forward to working with you. *Many thanks!*

~ Avante

## Spec Sheet for Avante's Sound System

*This information is provided for shows where it is agreed upon that Avante will provide its own sound system. Please note that in instances where elements of the tech rider cannot be fulfilled that Avante may be able to bring individual components from our own system to compliment the system provided by the promoter or venue. Please contact us to inquire about details and equipment specific to your event that may be necessary.*

Main Speaker System	Monitor System	Mixer	Microphones	Outboard Gear
QSC HPR 181 (2) - 18 in subwoofers QSC HPR 153 (2) - 3 way mains	Mackie SRM 450 (2)	Yamaha 01v96	Sennheiser EW135 G2 UHF Wireless Microphones	Behringer FBQ 2496 ART HQ231

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Avante Vocal Jazz

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