

# Sound Pollution

## EVALUATION CHECKLIST



What items on stage produce enough noise to interfere with the speaker system mix?

*Typically, it's acoustic instruments, amplifiers and monitors.*

*Problem: Acoustic Drum Kit and other percussion instruments.*

**Solution:** For drums, a drum isolation booth and microphones allow the mixing engineer/FOH to control the volume level of the drum kit. This is so it doesn't overpower the worship team and band. The other option is using an electronic drum kit.

*Problem: Acoustic piano.*

**Solution:** Fit an acoustic piano with sound absorption materials to dampen the acoustic volume level. Another option would be to use an electronic keyboard.

*Problem: Base and guitar amplifiers.*

**Solution:** Reduce guitar acoustic amplifier volume in the room. Guitar amp isolation cabinets effectively reduce the acoustic amplifier volume in the room, especially when they're located in another room.


*Problem: Floor wedge monitors and monitor wash.*

**Solution:** When using floor wedges each person needs their own floor wedge with their own mix. That way, it simply provides only what they need and nothing more. No sharing of monitors, which is the primary reason why monitors overpower the house system. This causes muddy and inarticulate sound. The most effective method for taming the monitor wash is the utilization of personal in-ear monitors. The in-ear buds need to be sound-isolating, professional-level monitors. Specifically, the drummer and bass player, or whoever wants the low end, needs to utilize models with low-frequency drivers.

*Learn more about Sound Pollution*



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