Subject: Feedback despite silent stage setup
Posted by Madison on Mon, 02 Dec 2024 02:03:40 GMT
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We have a Praise and Worship band at church that plays on a silent stage setup. The acoustic guitar is mic'd and so is the singer, but as far as I know, that's it. The issue is that the singer gets drowned out by the music. It's quite dreadful because some of our loudest congregates seem to rely on the singer to keep time with the beat. Otherwise, they tend to slow down the chorus, which gets everything out of sync. It's very noticeable. I know that the obvious answer is to turn the singer's mic up, but doing so causes feedback. It also doesn't help to turn the guitarist's mic down, because the singer is still drowned out by the keyboard and drums. What's the best fix in this situation?

Subject: Re: Feedback despite silent stage setup
Posted by Wayne Parham on Mon, 02 Dec 2024 15:27:39 GMT
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Feedback is usually caused by the amplified sound reaching the microphone, and that's always made much worse if the speakers are placed where they direct sound into the microphone. So my first thought is to try to solve the problem with placement.

If the speakers are placed away from the microphone - out in front, facing the audience - and the stage with the performers are behind those speakers, that will probably help.

It might also help to use a directional microphone rather than one that is omnidirectional. If your microphone is an omni mic, you might have better results switching to a cardioid.

Subject: Re: Feedback despite silent stage setup
Posted by Madison on Fri, 06 Dec 2024 01:21:34 GMT
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Thanks for the tips, Wayne. I looked on Wednesday and the speakers are set up like you suggested, so I bet the issue is with the mic itself. I'm not sure about the singer, but I do know that the guitarist uses an omnidirectional lav mic. I'll take your advice about swapping it out for a cardioid. I noticed that Sweetwater sells them. I'll probably go with the Shure brand, since that's the one I'm most familiar, unless you think a different mic would be a better fit.

Subject: Re: Feedback despite silent stage setup
Posted by Kingfish on Thu, 02 Jan 2025 18:14:41 GMT
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My first thought was to experiment with different placements as well. If you do everything you can

with the sound, try to space out all electronics so they don't interfere with each other.