

Monitor mix for sound reinforced symphony productions

In order to have a good working situation during sound amplified symphony productions, we believe that it's important to keep the sound volume down on stage.



We will therefore offer a solution where each musician has their own listening. We have a variant that we have chosen to call "on-ear" monitor. It's a Bang & Olufsen earphone that is not a "tight-plug-in-the-ear headphone" but an earphone that is more open and ambient. This means that the musicians still hear their own instrument, their section and the acoustics in and from the room.

At the same time, you also get closeness via the sound mix made by the monitor engineer sitting on stage. The headphone mix adds important instruments and vocals, this could also be a click

during some songs or parts, that may be needed for timing. What will be in the monitor mix will be a dialogue between conductor, musicians and the monitor engineer.

The BO-earphones are very flexible and adjustable and you can choose how close to the ear you want the speaker itself. The closer or "further in" you put it, more lower frequencies are hearable and the sound can be experienced as a little more towards "pop-sound". If you have it further out, it will be more of the higher frequencies that are heard, such as high-hat or similar and then of course you hear more acoustics from the stage and room.

If you want to go more towards closing out the acoustical sound/volume on stage we also offer a more closed "in-the-ear" earphone. This could also be useful if you are sitting on a place with louder sounds near you that you want to block out from both or just one side of your ear. These in-ears will hang on a stand by each stage entrance during rehearsals. So if you want to try just grab a pair when passing.



We have also had several orchestra musicians who used these BO-earphones on top of custom molded hearing protectors such as Bellman & Symfon. You can also bring your own favorite headphones and plug them in. It's a standard headphone plug (3.5mm telephone jack).

All musicians have their own volume control to be able to adjust their own volume and the listening is divided into different mixes as follows; Strings, Basses, Horns, Woodwinds, Brass, Harp, Piano/Celesta, Timpani and Percussion 1, 2, 3. (Percussion, Harp and Piano/Celesta will have wireless listening to make it easier to move around). So the sections that are more than one person must together agree on possible adjustments in the sound mix and present them to the monitor engineer and/or conductor.

An additional solution that we work with to keep the stage volume down is that all artists and the musicians in the band will use in-ear monitors.

For further questions or concerns, please contact Peter Fredriksson peter@pflnordic.se