

# Audio Solutions



The Next Normal—Clear instruction needs to come first  
Sound enhancement is crucial for volume and clarity



Will the “next normal” include teachers wearing masks?

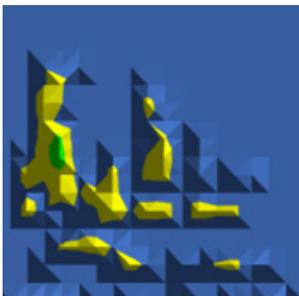
We live in unusual times. As students and teachers return to schools, wearing masks may become the next normal. Ensuring every student receives proper volume and clarity of instruction and can understand what is being taught can already be a challenge with the normal background noise of a classroom environment. With teachers needing to speak from under a mask, classroom audio solutions become an essential aid in student education.



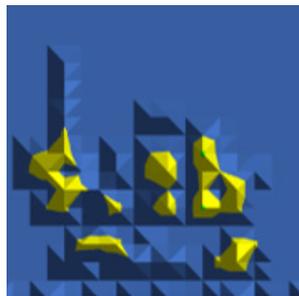
## How does wearing a mask affect classroom communication?

Based on a study a mask interferes with the teacher’s ability to communicate effectively. From a student listener’s perspective, there is a major difference in the quality of the teacher’s voice when he or she puts a mask on. Illustrated below, these charts represent the same sentence spoken by a teacher wearing a mask. The colors within each data block represent the levels measured at each 1/3 octave frequency band, with green being normal conversational level, yellow being a quieter speech level at risk of being lost in background noise, and blue being mostly lost in background noise. Using a microphone has a substantial impact on the clarity of teacher communication while wearing a mask.

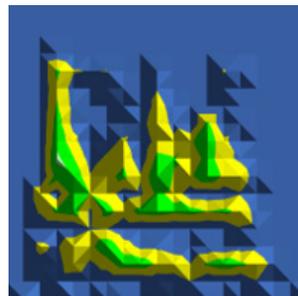
Without mask and no Audio Enhancement microphone



With mask and no Audio Enhancement microphone



With mask through Audio Enhancement microphone



## Installed Audio solution

Audio Enhancement's Installed Classroom Audio Systems provide distributed audio to ensure the teacher's voice is heard above the typical level of classroom noise and help students hear the lesson from anywhere in the classroom.

- Reinforced sound in the classroom through installed Classroom Audio System
- Four installed, evenly distributed speakers allow the teacher's voice to be clearly heard when spoken into the wearable microphone
- Allows teachers to speak in a natural voice while wearing a mask
- Ideal for any classroom



## Portable Audio solution

Audio Enhancement's Portable BEAM is designed to work seamlessly with our award-winning classroom audio microphones. BEAM is a portable speaker with an integrated amplifier/receiver and Bluetooth® capabilities for teacher voice amplification.

- An all-in-one audio system perfect for moving from room to room
- Built-in support for teacher voice amplification via microphone
- Proven to increase clarity while wearing a mask
- Ideal for classrooms without installed audio systems



XD Teacher Microphone



Contact us today to learn more about Audio Enhancement and Audio Solutions.