



A microphone connected to an Arduino on analog sensor input A0, transmits value of speaker's voice to program in dB. If var dB value falls below threshold, program runs digitalWrite HIGH signal through Pin 10 to haptic motor worn by speaker. The speaker is alerted that hearing impaired or distant listeners are unable to hear well.

Alternatively, a color-coded LED assembly placed in the speakers FOV would create a visual cue to monitor audibility.