

Audio Integrated ANC for Infant Incubators

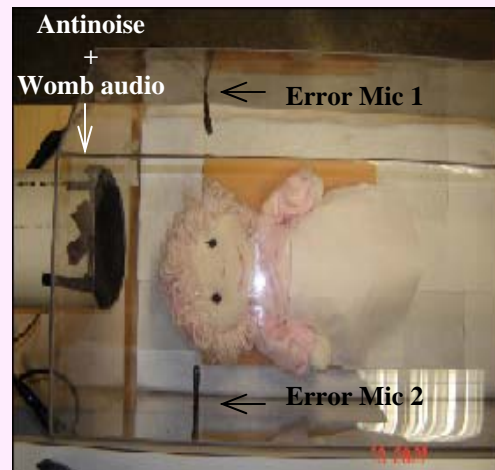


Negative Effects of Incubator Noise

- * Auditory damage
- * Irregular oxygen saturation
- * Disturbed sleep cycles
- * Delayed speech and learning development
- * Sensorineural hearing loss

Audio Integrated ANC - Recreating the Sounds of the Womb

- * Reduce background noise from medical equipment with an ANC system
- * Implement the audio integration algorithm, which allows “womb audio” to be played without interfering with the ANC system



Benefits

- * Simulations show 15 dB of noise cancellation
- * Re-creates prenatal ambience
- * Soothes and calms infants
- * Prevents auditory damage
- * Improves cognitive development