


Pinpoint microphone (Technion)

code: COM-1080

The intuitive pin-point selection of an individual within a crowd to detect their voice has several important applications from highly directional hearing aids to eavesdropping on, or identifying a suspect in public. This invention detects sound at a distance with the required sub-nanometer sensitivity, surmounting the inherent difficulties of optical detection of reflections from scattering surfaces, unstable detection geometries, environmental disturbances and background interference.

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