CyberAi

"Automated Human Interaction"

The DW Innovation Lab has created a new revolution in sound control technology. An Artificial Intelligence called "CyberSound™ (Patent Pending)". CyberSound™, is an embedded solid-state hardware solution that can be integrated into any sound control system.

CyberSound™ , Artificial intellienge that utilizes "Direction of arrival" technology. This gives our Ai not only the ability to hear, but identify, locate, and track multiple guests simultaneously. The ability hear "keywords" can be used as activate automated response triggers.

This technological breakthrough is limited only by the imagination.

CyberSound™

PATENT PENDING

" When CyberSage can hear, it can react to what you say and know where you are. "

See our magic in Motion.

Created By
DW INNOVATION.com
LAB
4225 Prado Road • Suite 108 • Corona, CA • 92878

DW Innovation Lab offers Ai software and hardware development as well as design services for all applications.
DW Innovation Lab is a wholly-owned subsidiary of MultimediaLED, Inc. (951) 280-7500

CyberSound-Ai™

PATENT PENDING

CyberAi

" When CyberSage can hear,
it can react to what you say
and know where you are. "

DW Innovation Lab has created a new revolution in show control technology. An Artificial Intelligence called "CyberSound-Ai™ (Patent Pending)". is an embedded solid-state hardware solution that can be integrated into any sound / motion control system.

CyberSound-Ai™, the intelligent Solution:
We present a compact system for localizing and tracking human sound sources over space and time utilizing "direction of arrival" (DOA) technology. CyberSound-Ai™ contains microphones that are arranged in a circular pattern. This circular microphone array collects data as sound waves pass over the MEMS sensors. CyberSound-Ai™ is then able to isolate, triangulate and track human sources as they move through the enviroment.

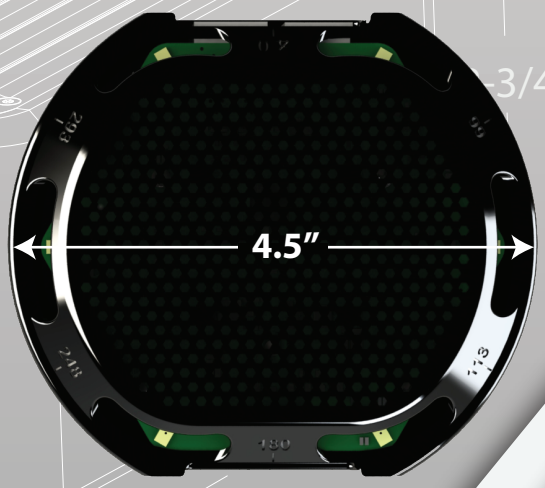
Reliability / Technical:
CyberSound-Ai™ uses an embedded FPGA based data aquisition system which provides low latency. This ensures minimal delay in the processing of the data stream, as well as solid-state dependability.

Upgading "Legacy" robotics to artificial intelligence:
CyberSound-Ai™ is able to isolate and track human guests speech sound waves up to 5 meters away. When integrated with CyberSight™ , the robot knows where to look in response any spoken "keyword". With CyberSound-Ai™ a robot can react to what you say and know where you are.

Specifications: Width diameter= 4.5", Height = 1.25", Weight = 4 oz, @5VDC

CyberSound-Ai™ (Patent Pending) Technical Applications:

- Multiple sound source tracking and localization
- Autonomous human interaction
- Voice identification/detection
- Acoustic Source Localization
- Automated noise cancellation
- Noise Suppression
- Far-Field speech recognition
- "Air-gapped" Natural language processing (NLP)
- Spoken keyword trigger activation
- Human voice identification (Auditory biometrics)
- IoT (Internet of Things) integration capability
- Reduces enviromental voice echo with de-reverberation



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