

HANJITECH : Ultimate source for Sound & Interconnect Solutions for demanding applications



COMPETITIVE EDGES

- Extremely competitive pricing with highest quality standard
- Widest selection of off-the-shelf products.
- Welcomes small volume projects and OEM inquiries
- Unlimited resources providing one stop solution
- Specialize in military grade products & demanding applications
- JIT deliveries from multiple shipping locations of the globe
- Collaborative process & involvement from design stage to provide the customers the ability to drastically cut down on their design cost & cycle



HANJITECH'S QUALITY POLICY

- Best in Class Practices – Quality Driven
- ISO 9001 / 14000 / QS certified.
- Six Sigma Status
- UL recognized products
- Military grade products
- RoHS / REACH Compliant



The complete in-house engineering center and the diversity of our manufacturing equipment allow complete control of development and manufacturing process.

WORLDWIDE PRESENCE – HANJITECH NETWORK

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CORE COMPETENCIES

Hanjitech's Components line incorporates our Sound and Interconnect products.

ACOUSTICS & TRANSDUCERS :

Micro Speakers / Dynamic Receivers / Multi-function Speakers / Bone Conduction / ECM (condenser mics) / Vibration Motors / SMD Buzzers



- Specialize in :
- Ultra slim size with high power/output.
 - Design for Extreme hi/low temperature.
 - Engineered for waterproof (for submersible radio application)
 - Meeting extreme environmental conditions (MIL spec compliance)

INTERCONNECT & MICRO SWITCH PRODUCTS :

Power Jacks / Audio Connectors / USB & PDMI Connectors / Hinges / Micro Switches / Military Switches



Various Product Applications :

- Desktop/aptop/Ultra slim notebook computers.
- Telecommunication servers.
- Cellphone & Tablet PCs.
- Projector / Digital cameras.
- Automotice
- Medical devices & Military applications.

Hanjitech closely collaborates with the Military / Defense / Telecommunication Industries, delivering vital new technology to enable new acoustic & Interconnect experience.



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NEW INNOVATIVE TECHNOLOGY – EARTALK SPK+MIC

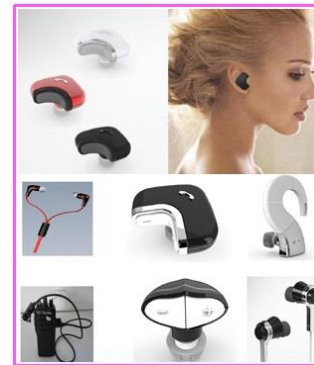
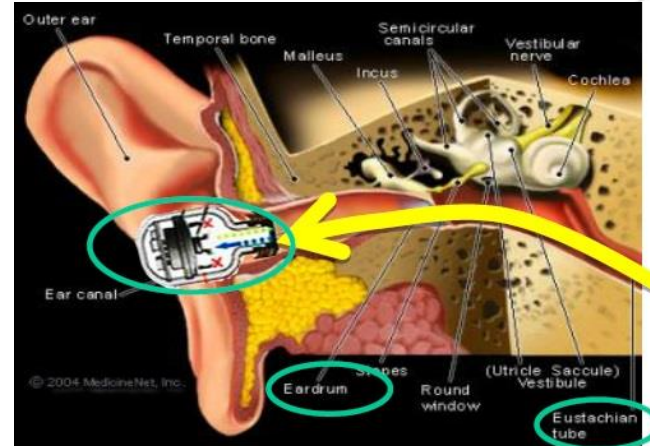
Breakthrough Technology that will completely exclude background noise and transfer only the intended voice command.

• Technical Overview

The way that sound vocalized through the vocal cords is transferred directly to the mic inside an earphone through the external auditory canal, the eardrum and the auditory connected between the neck and the ear of body. (cf : technology different from bone conduction)

• Technical Features

- ① Allows clear calls even in extremely noisy environment
 - ② Epochally increase voice recognition quality of smartphone (and voice recognition devices)
 - ③ Allows calls in a quiet voice (Protective Effect of Hearing Loss)
 - ④ Increase operation efficiency because of being able to use both hands (Sports Game)
 - ⑤ Allows Slim & Light of product and increase Flexibility of Design
- cf) Different from bone conduction type*



Currently at Pre-production stage. Working prototype samples are available only to the serious clients.

Core Technology :

- 40+ Patents applied & Registered.
- Echo & Howling cancellation Technology.
- Transfer Patch of Sound Wave Design Technology.

Main Application :

- Perfect for Military Tactical Headsets
- Headsets for construction / industrial / factory workers
- Commercial – specialized earphones for cellphone & tablets

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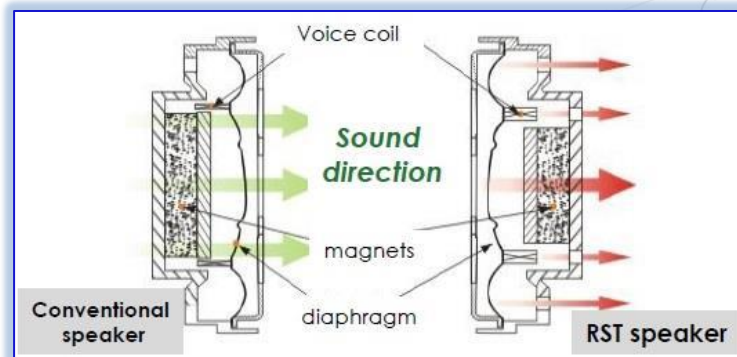
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NEW INNOVATIVE TECHNOLOGY – REVERSED SOUND TECH

Breakthrough Technology that will completely exclude background noise and transfer only the intended voice command.

Technical Overview

- Reversed Sound Technology is an innovative patented technology that was designed by (1) inverting the diaphragm and (2) facing the voice coil to the correct direction to the eardrum. As a result, it has achieved,
 - Faithful reproduction of bass sounds by development of larger acoustic space than conventional structure.
 - Delivers mystic and alive sound band by reversing the voice coil toward the eardrum.
 - Small but generates rich sound. (Allows 11mm speaker unit outperforms 16mm conventional speaker)

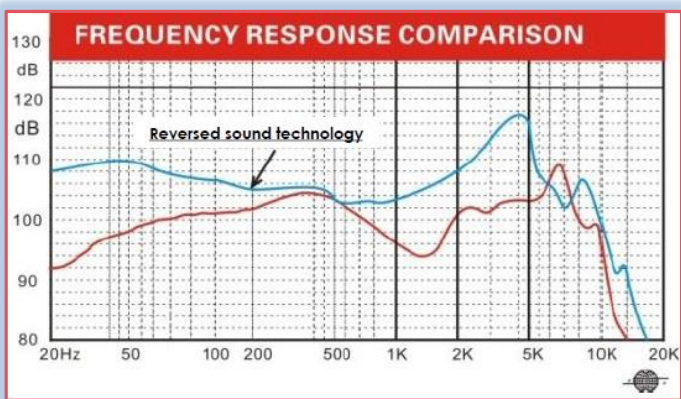


Enhanced Acoustic Performance

- 1 Play the bass sound below 100 Hz band.
- 2 Clarify and Mid Range sound from 2KHz~6KHz is greatly improved.
- 3 Reproduce the wide band of 20Hz ~ 20KHz, and plays smooth harmonic sounds.

COMPARISON TABLE

| Property | 5 | Characteristics | | | | | | | | | |
|-----------------------------|---------|-----------------|--------|--------|-------|--------|--------|-------|-------|--------|------------|
| | | A | B | C | D | E | F | G | RST-1 | RST-2 | 0 |
| | | U\$160 | U\$280 | U\$180 | U\$70 | U\$140 | U\$130 | U\$50 | U\$50 | U\$100 | |
| Transparency/Coloration | Clear | 3 | 3 | 2 | 1 | 3 | 1 | 1 | 3 | 4 | Veiled |
| Dynamics | Natural | 3 | 4 | 3 | 3 | 3 | 2 | 2 | 3 | 5 | Compressed |
| High Resolution | Vivid | 2 | 4 | 3 | 3 | 3 | 2 | 1 | 3 | 3 | Dull |
| Midrange Purity | Intense | 2 | 3 | 4 | 3 | 3 | 2 | 2 | 4 | 4 | Shallow |
| Treble relative to midrange | Light | 2 | 4 | 3 | 3 | 3 | 2 | 2 | 3 | 4 | Dark |
| Treble Texture | Soft | 2 | 3 | 2 | 2 | 3 | 1 | 1 | 2 | 3 | Rough |
| Bass relative to midrange | Boomy | 2 | 4 | 4 | 2 | 3 | 3 | 2 | 3 | 3 | Thin |
| Bass Resonance | Solid | 3 | 4 | 4 | 2 | 3 | 2 | 3 | 3 | 4 | Fluid |
| Ranked Sum | | 19 | 29 | 25 | 19 | 24 | 15 | 14 | 24 | 30 | |



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