



Creative Mind & Credibility

Our business philosophy stresses
"credibility", "creativity" and "morality"
We value "creative mind and credibility" highest.

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COMPANY PROFILE

Since its establishment, we, Enosis Co., Ltd., has accumulated lots of experience and technology in the fields of electronics and information communication.

We especially focused our high technology on developing electronic and information/communication facilities, wireless devices and audio products. As a result, we have developed important electronic and information/communication products, ultimately contributing to the development of information and communication in Korea.

We have expanded our business through the development of high-speed communication devices and have created a long term products for information communication and the development and application of bone conduction (osteoconduction) system.

With the continuous cooperation for development in wireless communication products with many companies, we are seeing steady process in the digital technology that is related to high-tech wireless products. We will continue to develop these experiences to become the best in the fields of electronics and information communication by developing world-acknowledged technology.

Our business philosophy stresses "credibility", "creativity" and "morality"

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Company History

2015's

- 08 Registered the factory
- 07 Got a Registration of Broadcasting and Communication Equipment
 - Got ISO 9001 for Headset, Earphone, Bluetooth, Hearing Aid
 - Selected GSBC Design and Commercialization support project
- 05 Got Gyeonggi-do E-trade Frontier business
 - Selected Export support project Enterprise
- 03 Selected SBC Overseas online Shopping mall (B2C) market Business
 - Selected GSBC G-family Enterprise support project
- 01 Got CE for Bone Conduction Earphone

2014's

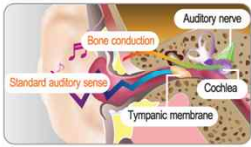
- 09 Applied Korea International Trade Associated
 - Got a patent for Bluetooth headset with Hearing Aid
 - Got a patent for Bone conduction speaker
 - Got a patent for wireless speaker device of earring type
 - Got a patent for Bone conduction earphone
- 01 Got a patent for speaker equipment
 - Got a certificate of Trade & Service mark Registration
 - Got a certificate of Design Registration

2010's

- 08 Established ENOSIS Co., Ltd.

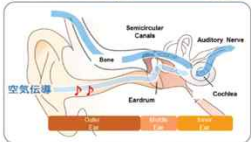


BONE CONDUCTION



1. Structure of auditory sense

When sound passes through the ear and reaches the tympanic membrane (ear-drum), the membrane stimulates auditory ossicles and the cochlea senses the sound vibration. This cochlea transfer the sound to the brain through the auditory nerve.



2. Standard auditory sense

The vibration in the air transfer the sound to the tympanic membrane, which eventually reaches the brain through the cochlea. The tympanic membrane is a very sensitive organ and, when listening to loud sound for a long time, the membrane can be damaged, resulting in noise-induced hearing loss.



3. The principle of bone conduction

The bone conduction allows sounds to directly reach the cochlea through the vibration of bone without going through the tympanic membrane. This prevents damage to the tympanic membrane and reduces the stress in the ear. This also allows peoples with conductive hearing loss to hear sound completely.

The principle of Bone conduction

Characteristics of bone conduction headset

- » Long time usage
Because sound is directly transferred to the tympanic membrane through bone, the cochlea and oval window undergo less stress.
- » Capability for multitasking
Since the earlobes are open, you will be able to hear other sound enabling you to adapt to the surrounding sounds.
- » Health benefits
Prevents hearing disturbance, aging of the tympanic membrane and hearing loss, since no pain occurs in the ear even through you use it for a long time.
- » Appropriate for modern people who have low hearing ability
The vibrating speaker allows even those have hearing loss and hearing impairments due to damaged tympanic membrane to recognize sound clearly.
- » Ability to absorb external shock
Appropriate as a sport accessory with its high durability.

Application of Bone conduction headphone

Characteristics of bone conduction headset

- » Even when you are doing sports activities, such as jogging or riding a bicycle, your ear is open so that you can quickly sense your surrounding risks, leading to safe playing.
- » Those who have hearing impairment can hear.
- » Water-repellent function allows strong's water resistance (only for waterproof products)
- » Ear (tympanic membrane) protection allows long hours of use.

BONE CONDUCTION WIRELESS HEADSET (Bluetooth) ENB-501



- » Bone conduction technology is applied to auditory assistive device. It can be used by people with hearing impairments.
- » Prevention of accidents when going outdoors because of not listening through the ear
- » Compatible with all domestic (foreign) mobile phone types
- » Ergonomically designed for easy use and excellent fit
- » No distortion in sound; transfers natural sound
- » Applied to the silver industry
- » ENB-501 MODEL is a wireless headset adopting Bluetooth V4.1 EDR technology and is used to pair with the cellular phone as a hand-free device.
- » Consist of Bluetooth V4.1 EDR compliant, Power adapter, User's guide
- » Radio Characteristics
Frequency band : ISM (2.4GHz ~ 2.5 GHz)
Receiver Sensitivity : - 84dBm
Transmitter Power : + - 2.0dBm (Typical)
Operating Condition : Operating temperature Range : -20 ~ + 70 degree
Power Consumption : Talk mode : 18mA (using HV3) / Stand-by mode : 0.8mA
Hand-free and headset profiles supported
Rechargeable Lithium-ion polymer Battery : Talk time - 15 hours
Music time - 11 hours / Stand-by time - 150 hours
- » Operating Distance : 10 meters
Multi-function Button (Pick-up / Hang-up / Reject calls)
Volume Buttons (One for volume up, other one for volume down)
Blue LED indicator
Size : 175mm x 125mm x 75mm / Weight : 300g
- » RF specification
Transmitter performance
Output Power : + 2 ~ + 4dBm
Frequency Range : 2402 ~ 2480 MHz
Sensitivity : Single slot packets : -80dBm
Multi slot packets : -80dBm
Power Density : - 20dBm
20dBm Band width : 850 ~ 1,000 KHz

BONE CONDUCTION HEADPHONE

HUH-701



TYPE Bone Conduction Stereo Headphone
 SOUND PRESSURE LEVEL 80dB
 NORMAL INPUT 30mW (Max 100mW)
 MAX.INPUT 70mV
 IMPEDANCE 8ΩS
 FREQUENCY RANGE 50Hz~4kHz
 PLUG 3.5 φ stereo plug
 LENGTH OF CORD 120cm
 WEIGHT 30g ± 5g
 Color Black, Pink, Blue, Orange

- The IPX7 waterproof allows you to be not worried about the rain and its perfect waterproof allows you to wash it in water, too.
- Unique shape and selective colors
- Bone conduction technology allows peoples with conductive hearing loss to use
- Using technologically advanced bone conduction headphone can prevent hearing from loss .
- Enjoy dynamic sound quality and tones even without an amplifier.
- Keep ears opened while being aware of situational sound and therefore most ideal for preventing from danger
- Because of direct transmitting sound to auditory organ, very good for language and online studies.
- Compatible with CD, MD, MP3 players and iPod, etc.

BONE CONDUCTION HEADSET

HUA-503A



Consist of a) tea of HUH-701
 b) tea of amplifier
 c) Charging cable, Audio connecting cable

- Enable to connect various sound devices like mobile phones and MP3 players in addition to basic functions transmitting external voice.
- No pain for a long-time use and reduce the stress of ears.
- Use vibration speaker so that the deaf and those with hearing problems can clearly recognize sounds.
- The Bone conduction market initially focused on the deaf but it has been expanded to the senior citizens as well as 20s & 30s who enjoy listening a music and leisure activities.
- When going out, prevent an accidents and protect from the risk of hearing loss because Bone conduction headphone does not put into the ear.
- Waterproof (Listen-only-product). Applying Bone conduction technology, the person who has difficulty in hearing can be possible to use.
- Color : Black / Orange / Blue / Pink



HUH-01



TYPE : Bone Conduction Stereo Headphone
 SOUND PRESSURE LEVEL : 80dB
 NORMAL INPUT : 30mW (Max 100mW)
 MAX. INPUT : 70mV
 IMPEDANCE : 8ΩS
 FREQUENCY RANGE : 50Hz~4kHz
 PLUG : 3.5 φ stereo plug
 LENGTH OF CORD : 120cm
 WEIGHT : 60g ± 5g
 Color : Black

- Danger is minimized because the ear is not blocked
- High definition and tone without an amplifier
- It is suitable for studying a language and online learning because the sound is transferred to hearing organ directly
- By taking into account the health concerns anion applied to the skin-contacting surfaces.
- Using technologically advanced bone conduction headphone can prevent hearing from loss .
- Enjoy dynamic sound quality and tones even without an amplifier (Folding product)
- Keep ears opened while being aware of situational sound and therefore most ideal for preventing from danger
- Because of direct transmitting sound to auditory organ, very good for language and online studies.
- Compatible with CD, MD, MP3 players and iPod, etc.



HUA-503B



Consist of
 a) tea of HUH-01
 b) tea of amplifier
 c) Charging cable,
 Audio connecting cable, Portable pouch

- Preventing hearing impairment for not affecting ear drums and Comfortable and stable the ear
- Reducing noise from 2 microphones, DSP +EQ
- Conversation while hearing peripheral sound and preventing safe accidents on streets
- Selecting 5 channels like low, middle and high frequencies and Use in noisy environment or in raining
- Use as sound devices and Use for hand-free (mobile phones) as well as hearing AIDs
- Noise cancelling through software and Adjust to user's audible frequencies by supporting programs through CD
- When going out, prevent an accidents and protect from the risk of hearing loss because bone conduction headphone does not put into the ear.
- Realizing the high quality of the sound & tone than HUA-503A (folding type)
- Suitable for online & language learning because the sound is transmitted to the hearing organ directly.
- Applying bone conduction technology to the persons who has difficulty in hearing can be possible to use.
 (The persons who begins hearing impairments, who process Silver Generation and who are new Young Generation etc.)
- Color : Black

HEARING AID

(BONE CONDUCTION SOUND AMPLIFIER)

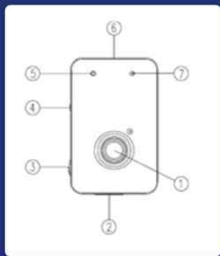
HUUA-603 Model

It is an auxiliary equipment for the person who has a problem in hearing in order to do a communication with other peoples conveniently.



An advantage of HUA-603

- Possible to use HUA-603 (Bone conduction sound amplifier) connecting Cellular phone device.
- Possible to improve.
- Easy to wear the body using a clip.
- Possible to communicate with the people, while telephoning or listening to music
- Possible to communicate with the people using Bone conduction function without going through the eardrum. (The person who do not have the eardrum can use HUA-603 model)
- HUA-603 model will be available for all persons (civilian, a person who has difficulty in hearing).



Description of each parts

1. Call button
2. Terminal to connect cordless (charger) telephone
3. Power ON / OFF
4. Volume
5. LED Display
6. Earphone Jack terminal
7. Condenser mike

Specifications and characteristics

A] Product specification (Amplifier)

- Size : 37mm x 58mm x 16mm
- Weight : about 38g
- Material : ABS, Silicon, PC
- Function : Speaker and Wireless communication device

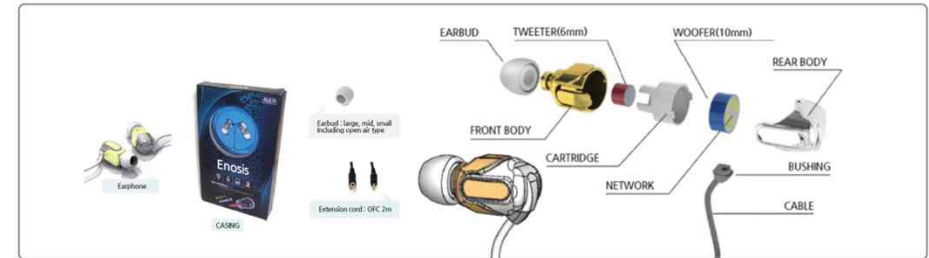
B] Configuration item

- Speaker, User's manual, Charging cable, USB charging device, Headphone(HUH-01), Pouch

C] Remarks

- While using, 8 hours will be possible to use.
- 200 hours will be possible to keep stand-by mode.

Hi-End Earphone & Headphone (2Ways, 5CH)



It's almost impossible to produce the entire range of the audible frequency uniformly with one speaker. In order to produce low, middle and high sound efficiently, previously we had to use woofer, squawker and tweeter combined system which had different sound range each by using cross-over circuit. Earphone is a device that is inserted into a narrow place of human named 'External Auditory Meatus' and is able to hear without the sound leakage, however there is a limit in producing the sound that is close to the original. Due to this limit, the market demands us to develop high technology of the earphone to overcome this Limit.

Recently, famous brand makers develop tiny Balanced Armature receiver and provide 2way or 3way earphones with sound mania customers. However, it's very difficult for the speaker to be positioned in a coaxial direction and the size of the earpiece has to be increased. To come up with earphone shape design eventually and the earphone's size has to be miniaturized as far as it can be with a precise technology and the price has to be raised. The sound quality of our dynamic receiver is superior than Balanced Armature receiver. Our Enosis 2way earphone is high end products which have the high sound of the tweeter's, powerful sound of the woofer and high resolution sound by positioning dynamic receiver in a coaxial direction.

We are quite sure that all audio engineers, musicians and customers will go through new experience with our two way earphone.



SPECIFICATIONS

- Unit Type : Electro Dynamic Receiver
- Frequency Response : 6Hz~20KHz
- Impedance : 10 Φ (8 Ω), 6 Φ (16 Ω) @1KHz
- S.P.L : 115 \pm 3dB (At 20Hz 126mVrms) 99 \pm 3dB (At 1KHz 126mVrms)
- Rated Input Power : 3mW
- Max. Input Power : 10mW
- Cord : 1.2m Balance Type (Y)
- Plug : 3.5 Φ Stereo Gold Plated Plug
- Weight : 15gr

Our product is made by experts and sound maniacs together, it's Hi-End 2Way Earphone



- Earpiece : designed ergonomically (canal type).
- Type : 2 Way 4 Speaker Co-Axial method.
- Sound : Low- Super power ND Magnet used 10mm receiver and produces magnificent low sound as sub-woofer.
- Provide superior sense of realism in movies, music and games.
- Middle sound- CCA coil provides clear, transparent voice tone and produces individual & separate music instruments sound, High sound-6mm diameter tweeter's soft & profound sound.
- 2way cartridge mixing room creates real space perception and strong mid-low sound and it suits for each genre's music listening.
- Co-Axial method : Coaxial positioning of woofer & tweeter.
- Movement of woofer & tweeter independently without interception
- Excellent performance of dynamic miniaturized receiver (woofer 10mm, tweeter (6mm) 2 way cartridge module).
- Ideal tuning from perfect low to high sound
- Patent of Enosis Co., Ltd

PORTABLE COMBATING MOSQUITO DEVICE



An aroma will be lasting for 90 days. We reduce a loss for an undiluted solution of an aroma after putting large amounts of plant oil at PU film.



- » COLOR : Sky Blue, Pink
- » MATERIAL : Synthetic resins (ABS material)
- » Package material : Aluminium
- » ORIGIN : Korea
- » SIZE : 3.5cm x 15mm
- » WARRANTY : 1 year
- » INGREDIENT : Natural aromatic oils (Citronella) and eucalyptus, fennel oil adding

This product has an indirect way to use "Citronella" and Laurel Chrysanthemum which mosquito & insects hates to prevent their access and it is a natural ingredients with above efficacy. Due to no harmful to human body, the children can be able to use it safely and also it can get out of the products that has a toxicity as an insecticide.

The necessities in summer season when doing a outdoor activity

"No Touch" Clip will be helping yours to enjoy your outdoor activity lively without any anxiety than before.



After opening the package, please use it at cloths, shoes, hats, desk, tent, baby carriage, etc., anywhere, whenever you need. Should keep it after sealing at packing paper tightly when you do not use it.



Pictures about how to attach "No Touch" Clip



Korea patent 10-2015-0064287

Technical It is the clip for mosquito eradication It is possible to divide mosquito eradication capsule and also is possible to set it up at anywhere.

The character of "No Touch" Clip In 2015, No Touch Clip is released and it is a shape with a plastic material like mosquito, insect. The citronella and eucalyptus & fennel Laurel are a liquid and, if we use them at clothes, bags, hats, shoes, vehicle inside after attaching, it prevents an access of mosquito, insects, etc. and is an easy to carry. Now we increase the amount for using a long time than before.

Waterproof in a water safely. It is no problem to use "No Touch" Clip at sea, swimming pool, in raining etc. Should keep it after sealing at packing paper tightly when you do not use it.



Waterproof in a water safely.

It is no problem to use "No Touch" Clip at sea, swimming pool, in raining etc.

Caution

1. Please do not poke a pointy tool.
2. Please do not eat it or do not suck it. Also, kindly do not rub it in the eyes.
3. After use, please keep it and seal tightly.
4. Please do not store it in direct sunlight, high temperature.
5. If possible, please note that pregnant women do not use it.
6. Please keep out of reach children's hands.
7. Please do not use it without the intended use