

DLOGIXS Corporate Introduction

2024. 12


DLOGIXS
(주)디라직





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Corporate History



1998~2009

- 2009**
 - SME Technology Innovation Development Project (Power Amplifier for Improving Sound Quality and Efficiency)
 - Patent (Multi-power Mixed Amplifier)
- 2008**
 - NET Certification (Analog/Digital Power Amplifier Circuit Technology for Improved Sound Quality and Efficiency)
- 2007**
 - Patent (Snubber Type High Power Transistor Drive Circuit)
 - Patent (Digital Acoustic Amplifier)
 - Patent (Audio Amplifier)
- 2006**
 - IR52 Jang Young Sil Award
 - INNO-BIZ Certification
 - Outstanding Product Certification by PPS (Digital PA System)
 - Outstanding Product Certification by PPS (Digital Power Amplifier for PA System)
 - ISO 9001/14001 Certified
- 2005**
 - NEP Certification (Class-D Amplifier for PA System)
 - NET Certification (Digital Power Amplifier for High Voltage PA System)
- 2004**
 - US Patent (Digital Power Amplifier)
- 2003**
 - Vehicle Digital Power Amplifier Export to Japan Alpine
- 1999**
 - Development of Vehicle Digital Power Amplifier
- 1998**
 - DLOGIXS Inc. founded

2010~2019

- 2019**
 - Presidential Citation (Contribution to the Promotion of Science and Technology - CEO)
- 2018**
 - NEP Certification (High-efficiency Power Amplifier Applied with Integrated Power Supply Audio Unit Technology)
 - CES 2019 Innovation Awards (Mental Healthcare Speaker)
 - US/Japan Patent (EEG Induction and Stabilization Technology based on Auditory Response)
- 2017**
 - Commendation by Director of PPS (Contribution to the Promotion of Electronics and IT Industry)
 - Seoul University Hospital Clinical Testing of Mental Healthcare Technology (Sleep Improvement Effect Verified)
 - Commendation by Director of PPS (Contribution to the Development of Procurement and Electronics Industry)
- 2016**
 - Outstanding Product Designation by PPS (Integrated High-efficiency PA System)
 - Outstanding Product Designation by PPS (Wired and Wireless Integrated Network Broadcasting System)
- 2015**
 - Management Innovation SME Main-Biz Certified
 - NET Certification (Power/Amplification Integrated Circuit Technology to Improve Efficiency for PA System)
- 2014**
 - Corporate Commendation for Promotion of Commercialization of New Technology
 - Patent (Network Based Intelligent Broadcasting System)
- 2013**
 - Outstanding Product Designation by PPS (Wired and Wireless Integrated Network Broadcasting System)
- 2012**
 - Outstanding Product Designation by PPS (High-quality, High-efficiency Broadcasting System)
- 2010**
 - NEP Certification (Analog/Digital High Output Power Amp)

2020~

- 2023**
 - NEP Certification (Broadband, High Resolution Digital Amp)
 - Designated CCTV Outstanding Product by PPS (Real-time Visibility Improvement Surveillance System)
 - CCTV Green Technology Certification (Low-power Visibility Improvement Surveillance Technology)
- 2022**
 - 3 CCTV Patents (Digital Image Correction and 2 others)
 - CCTV Quality Assurance Product
 - CCTV K-Mark (Real-time Visibility Improvement Surveillance System)
 - CCTV GS Certified (Image Enhancement Device Management Software)
 - Advanced Corporate Research Center Designated (ATC+)
 - Innovative Product Designated by PPS (Mental Healthcare Mobile App Awesome Mind)
 - Fever Monitoring Headset for Call Centers Released
- 2021**
 - Patent (Body Temperature and Online Education Monitoring Headset)
 - Designated Quality Assurance Product by PPS
 - Medical Appliance Production Authorized (GMP Certified)
 - NET Certification (Digital Interleaved Multi-phase Switching Audio Amplifier Circuit Technology)
 - Commendation by Director of PPS (Contribution to the Development of Procurement)
- 2020**
 - Selected as Star Corporation in Gyeonggi-do
 - Mental Healthcare Earphones Released in Dubai Sharaf DG
 - Mental Healthcare Earphones Japan Makuake Campaign Achieved



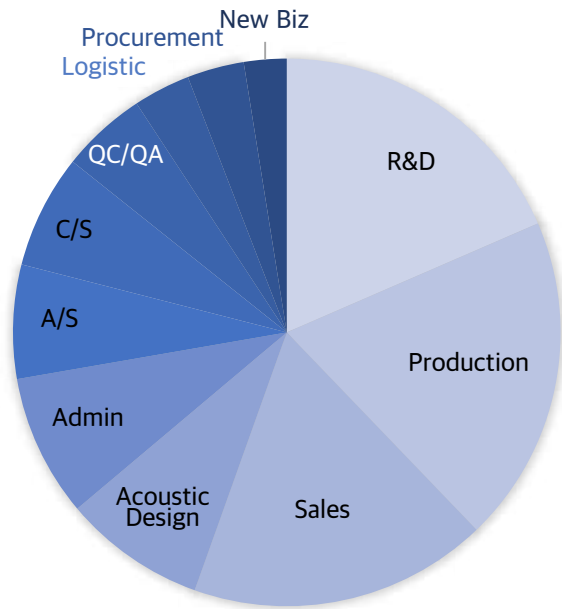
Summary	
Name	DLOGIXS Inc.
Address	44, Burim-ro 170beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do, Republic of Korea
CEO	Sung-kee, Park
Founded	October 28 th , 1998
Capital	1.1M USD
Revenue	36.8M USD
Employee	100
Business Category	Broadcast, Audio
Website	www.dlogixs.co.kr , www.dlogixs.com , www.dlogixsctv.co.kr





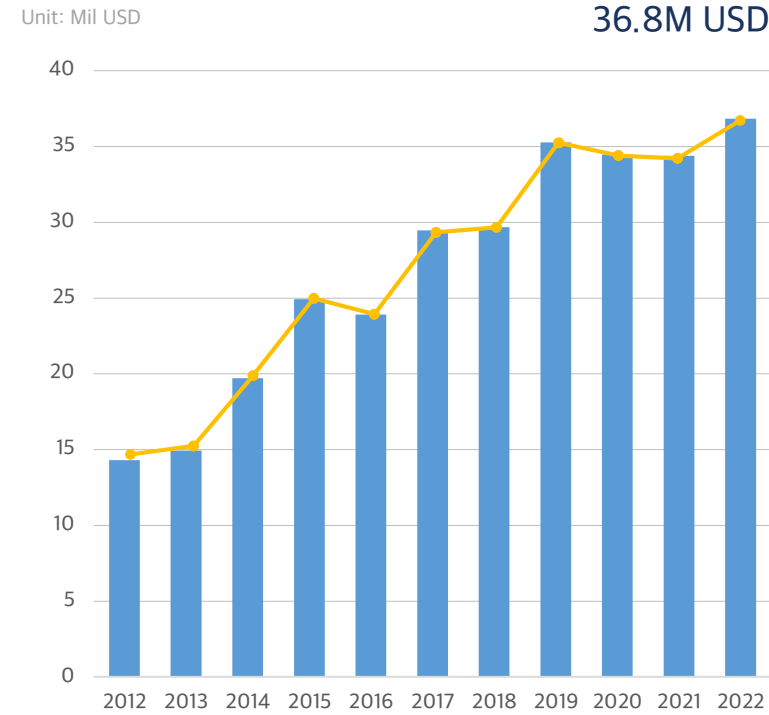
Human Resources

100



Revenue

36.8M USD





30 Domestic and Oversea Patents





Certification and Awards



New Excellent Technology
(4 products)



New Excellent Product
(4 products)



Outstanding Product
(4 products)



IR52 Jang Young Sil Award
(Two time)



Presidential Citation



ISO 14001



ISO 9001



CES Innovation Awards



GMP Certification



**Quality Assurance
Public Procurement Product**



Starting with the first domestic development of high-voltage digital amps, DLOGIXS continues to research and develop products for the localization of broadcast equipment. We create markets and strategically develop products through cooperation with related industries such as SR Pro-Sound and CCTV image technology.

DLOGIXS is embarking on a new business project based on R&D of "mental healthcare sounds," matching the market trends and accumulated audio technology, and we are finding new markets linked to our audio based developments and various healthcare businesses.

PA / CCTV Broadcast Equipment Business



New Business Project



A collage of images related to broadcast equipment. On the left, a camera is mounted on a crane. In the center, a person is seen from behind, looking at a computer monitor. On the right, a large stack of speakers is illuminated by stage lights. The entire scene is reflected on a glossy surface below.

PA / CCTV Broadcast Equipment Business



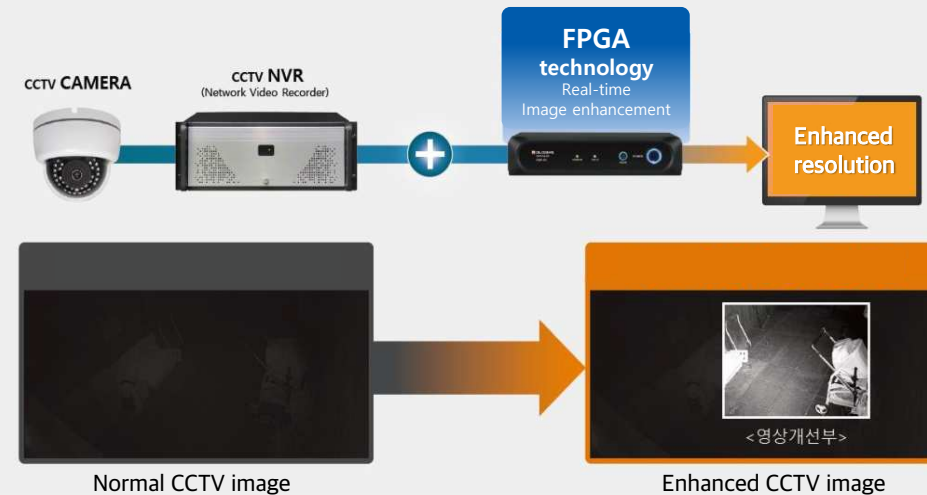
P/A Audio System

- Broadcast systems for announcements and music in public offices, hotels, and other large buildings
- Second in industry with high-power, high-efficiency, and high-quality digital/analog PA system
- Lead the market with 331 dealers nationwide and excellent product and technology
- Schools / public facilities / shopping malls / factories / large buildings



CCTV Surveillance System

- “Real-time visibility improvement surveillance system” receives digital image signals from the server to improve the visibility of clips from low-visibility environments such as nighttime, fog, or dust based on FPGA (hardware)
- TTA certified camera / NVR system





P/A & A/V Products



COMPACT DIGITAL PA SYSTEM
1000 SERIES



DIGITAL PA SYSTEM
4000/8000 SERIES



OPTICAL/NETWORK PA SYSTEM
6000/7000 SERIES



DISPERSAL PA SYSTEM
2000 SERIES



INTEGRATED NETWORK
CONTROL SYSTEM
SEENET SERIES



INTEGRATED AMPLIFIER
DIGITAL POWER AMPLIFIER
ANALOG/DIGITAL POWER AMPLIFIER
PA AMPLIFIER SERIES



DIGITAL POWER AMPLIFIER
ANALOG/DIGITAL POWER AMPLIFIER
SR AMPLIFIER SERIES



FASHION SPEAKER
LINE ARRAY SPEAKER
POINT SOURCE SPEAKER
SPEAKER SERIES



CCTV Products



DOME CAMERA



BULLET CAMERA



SPEED DOME CAMERA



VIEW FILTER



N.V.R (16/32CH)

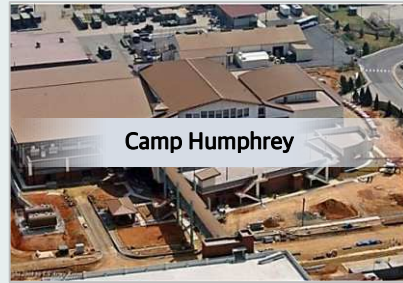


NETWORK HUB

PA/CCTV Broadcast Equipment Key Performances



Main Projects





New Business



More and more people are feeling stressed, depressed, anxious, or sleep-deprived with the emergence of smartphones and overflow of information, overload of work and stress, or various other reasons related to work or personal issues.

Due to such situations, the demand for stress-relief or sleep-enhancing mental care services such as mindfulness, mental health, mind-body medicine, or self-care is rising.

Dlogixs is following the trend, working to develop mental care audio using accumulated technology and finding new markets related to mental care audio products and other businesses of healthcare.





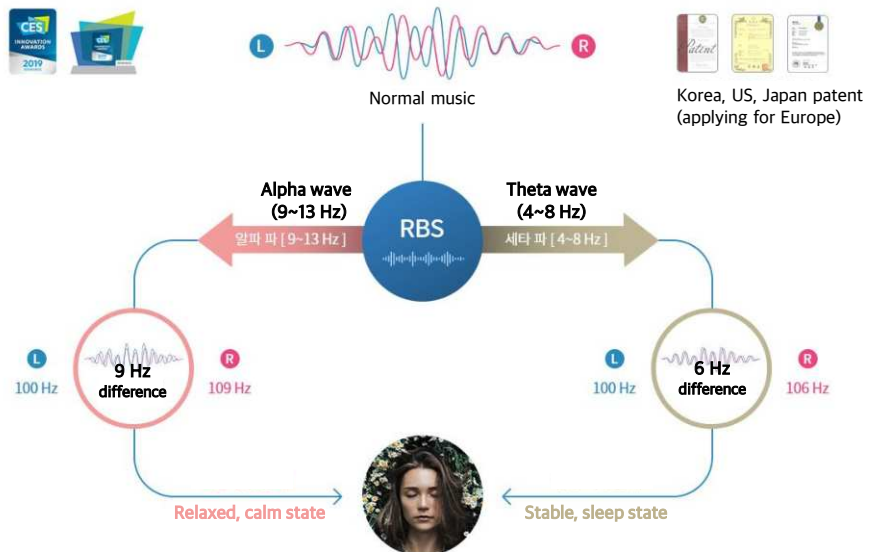
Limits of existing products and services

- Provide repetitive or stimulating sounds such as ASMR, white noise, or sound of nature
- Can only use provided contents (restricted choice range)
- Side effects of prolonged exposure to ASMR or white noise
 - Hearing grows sensitive after hours of stimulating sounds
 - Sensitive hearing leads to lessened effects or seeking more stimulating sounds



Dlogixs' RBS sound (Real-time Binaural Sound)

- World's first RBS technology that converts the left and right frequencies of user-selected audio in real-time
 - RBS sound conversion regardless of type or genre of sound
 - Provide therapy effect rather than repetitive, stimulating noise
 - Binaural sounds that help stress relief, mental / sleep care
-
- Proven RBS effect through joint clinical testing with the psychiatric department of Seoul National University Hospital at Bun-dang
 - 2017: clinical testing for effect on sleep care
 - 2020: clinical testing for effect on stress care (ongoing)



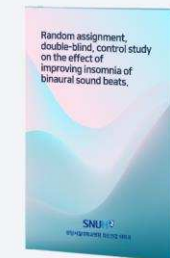
<Dlogixs RBS sound technology overview>

Effect of RBS proven by clinical testing

Through clinical testing, RBS is proven to improve mental health by relieving depression and anxiety and enhancing sleep quality.



Clinical testing report on stress relief



Clinical testing report on sleep enhancement



NEUROGIXS
Since 2016

“HEALTHCARE + SOUND”

“Multi sound healthcare brand”

Provide “sound care service” that improves the user’s status such as sleep, condition, activity or fever using audio technology



2016

<Gear>
Sleep-care Mask



2017

<Compact>
House Portable Sleep-care
Bluetooth Speaker



2018

<Puck>
Portable Sleep-care
Bluetooth Speaker



2019

<P1>
Mental Healthcare
Music Converter



2020

<A1>
Mental Healthcare
TWS Earphone



2021

<PRO3000>
Fever Monitoring Headset



2022

<MYM>
Mental Healthcare
Mobile App

New Business Product



Sleep sound care series (Sleep-care Mask)

Sleep-Mask + Sound-Care (RBS)

Sleep care product for people experiencing sleep disorder, or depressed or anxious from various reasons such as work or people relations. Provide total sleep care service that increases sleep quality through relaxation and sleep disorder improvement by RBS and brainwave analysis during sleep.

** Provide RBS sound services and sleep analysis information through the Sleep Mask control app.



2016

<Gear>
Sleep-care Mask



2017

<Gear 2>
Sleep-care Mask



2018

<Gear Band>
Sleep-care Mask



New Business Product



Mental care sound series #1

Bluetooth Speaker + Sound-Care (RBS)

Sound care product for daily life condition care and to overcome depression or anxiety from the stress of life.

Combination of a Bluetooth speaker and RBS sound care to be placed in a daily life environment, uses various sound contents to output condition care sound for a set period of time.

** Provide RBS sound services through RBS control app



2017

<Compact>
Portable Sleep-care
Bluetooth Speaker



2018

<Puck>
Portable Sleep-care
Bluetooth Speaker



2019

<Station>
House Portable Sleep-care
Bluetooth Speaker



New Business Product



Mental care sound series #2

ONKYO

**Joint developed with Japan's Onkyo

Portable Receiver + Sound-Care (RBS)

Sound care product for relief of stress from various on-the-go environments

Combines mobile wireless receiver with RBS sound care for condition care for a set period of time using music contents the users enjoys while on the move.

** Provide RBS sound function of the control app



• Campaign achieved on Makuake Japan (Japanese crowd funding site)

2019

<P1>

Mental Healthcare
Music Converter



2018

<A1>

Mental Healthcare
TWS Earphone



New Business Product



Fever Monitoring Call Center Headset

Body temperature sensing call center headset applied with external canal IR sensors

Development of healthcare products or services matching social issues or trends such as the spread of Covid or other pandemics at call centers

- Fever monitoring headset designed specifically for call center environments
- Prevent the spread of pandemic diseases through monitoring of high-fever individuals
- Excellent call quality and compatibility proven through multiple field tests

Body temperature IR sensor
(Thermopile IR sensor)
Digital output sensor & special optical aperture
Span: 34.4°C ~ 42.2°C
Temperature unit: 0.1°C
Measurement time: under 1 second



2021

<PRO 3000>
Fever Monitoring
Headset



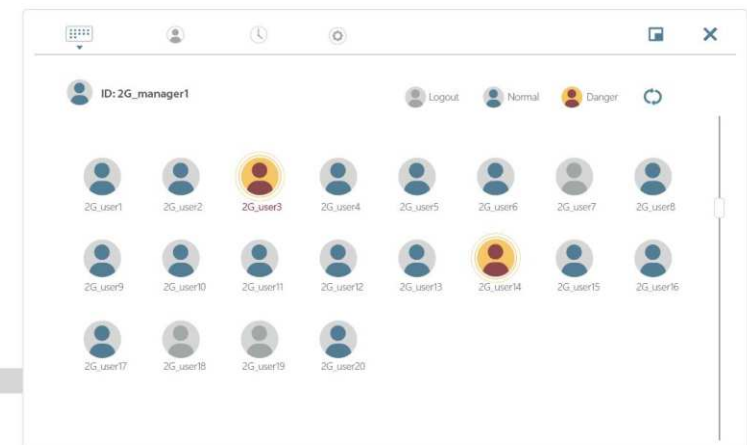
<Headset group use case>



<Headset user program - fever notice>



<fever alarm popup>



<Group manager program>

New Business Product

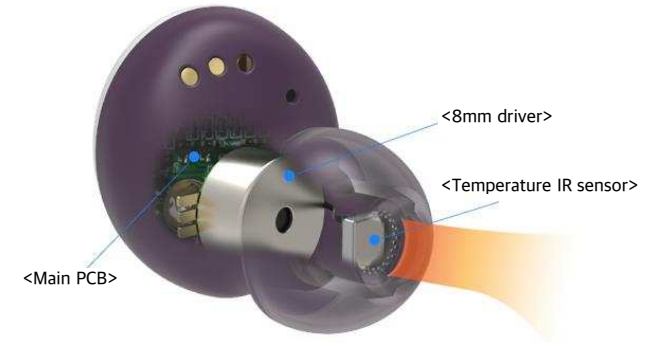


Fever Monitoring TWS Earphone

Body temperature sensing TWS wireless earphones applied with external canal IR sensors

Development of healthcare products or services matching social issues or trends such as the spread of Covid or other pandemics at call centers

- Personal fever monitoring wireless earphones that can be used in various environments
- Management of fever status of individual and in groups
- Wireless earphone control service by app



2022

<Smart 1000>
Fever Monitoring
TWS Earphone



<Rear microphone>

<Touch sensor>

<Front microphone>





Main Projects

Mental care sound earphones

- Export to Japan through partner (ONKYO_Maketing)
- Campaign achieved on Makuake Japan (Biggest crowd funding in Japan)
- Product released in Dubai Sharaf DG



<A1>

Fever monitoring headset

- Supplied to transcosmos Korea (2022)
(Supplied to health department call center)



<PRO 3000>



THANK YOU

