

# DLOGIXS Corporate Introduction

2024. 12

 **DLOGIXS**  
(주)디라직



# Table of contents



1.	Corporate History	02
2.	Corporate Summary	03
3.	Corporate Overview	04
4.	Technology & Certification	06
5.	Business Summary	08
5-1.	PA/CCTV Broadcast Equipment Business	09
	PA/CCTV Broadcast Equipment Overview	10
	PA/CCTV Broadcast Equipment Key Products	11
	PA/CCTV Broadcast Equipment Key Performances	13
5-2.	New Business	14
	New Business Overview	15
	New Business Brand	17
	New Business Products	18
	New Business Key Performance	23

# 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



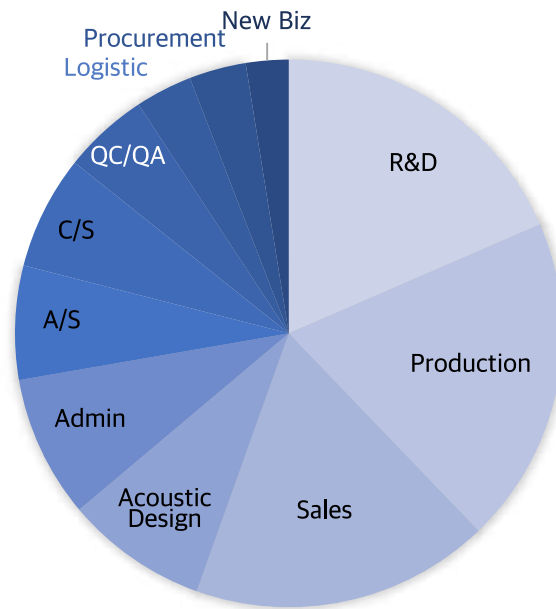
Summary	
Name	DLOGIXS Inc.
Address	44, Burim-ro 170beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do, Republic of Korea
CEO	Sung-kee, Park
Founded	October 28 <sup>th</sup> , 1998
Capital	1.1M USD
Revenue	36.8M USD
Employee	100
Business Category	Broadcast, Audio
Website	<a href="http://www.dlogixs.co.kr">www.dlogixs.co.kr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





## Human Resources

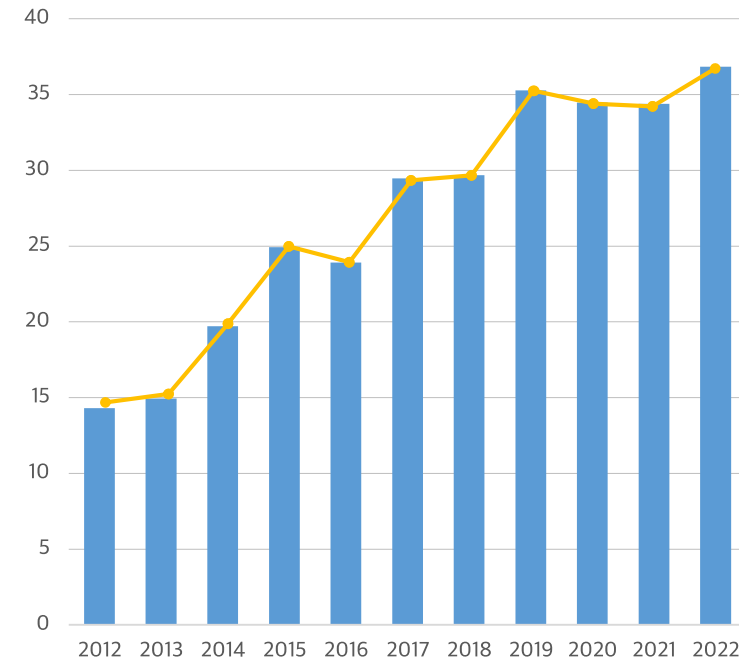
100



## Revenue

36.8M USD

Unit: Mil 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**

# Business Summary



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 three images: a large professional stage light hanging from a ceiling, a person's back with a microphone on their head in a broadcast studio, and a large blue stage light fixture. The title text is overlaid on a dark blue horizontal band across the center of this collage.

## PA / CCTV Broadcast Equipment Business



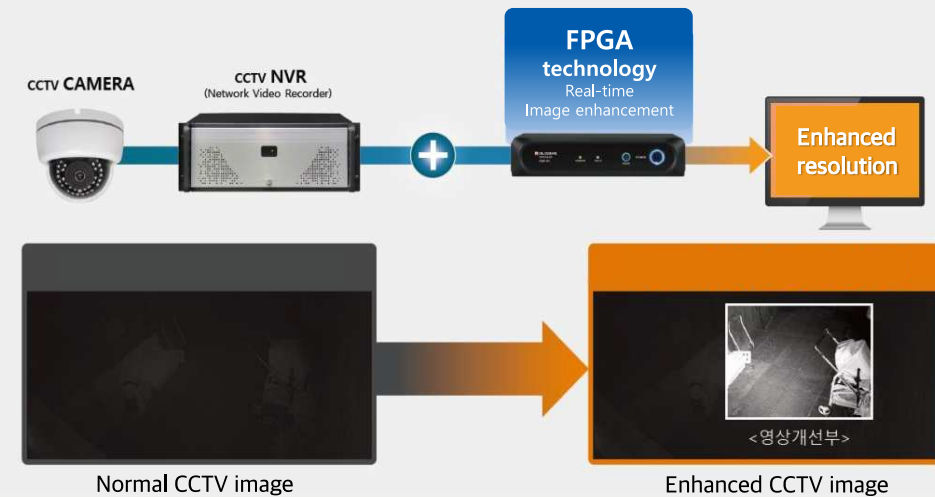
## P/A Audio System

- 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)



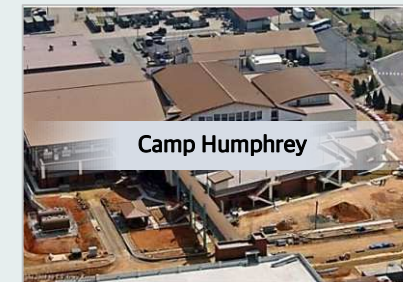
NETWORK HUB



# 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.





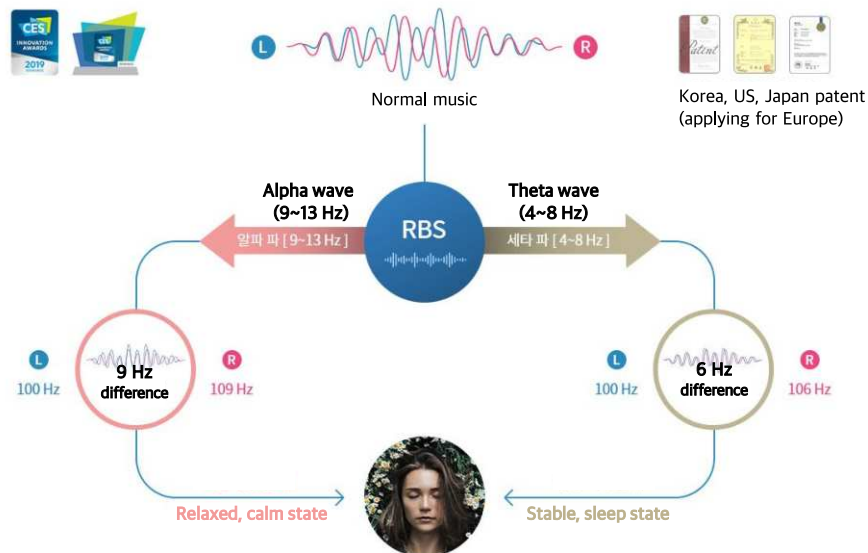
## Limits of existing products and services

- 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)



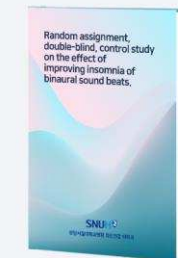
<Dlogixs RBS sound technology overview>

### 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

<PI>  
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



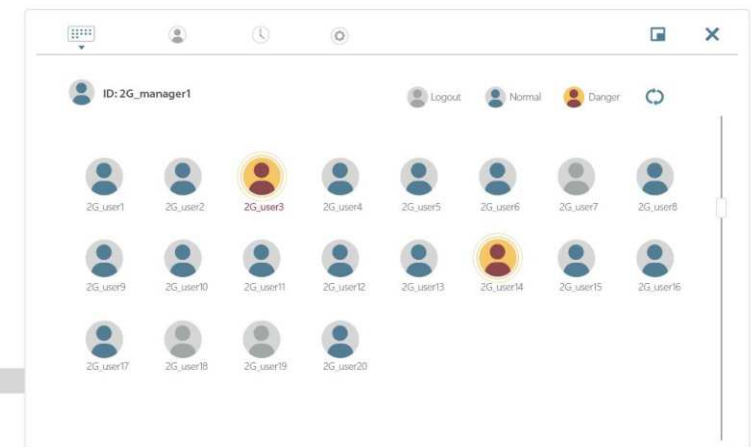
<Headset group use case>



<Headset user program - fever notice>



<fever alarm popup>



<Group manager program>

# New Business Product

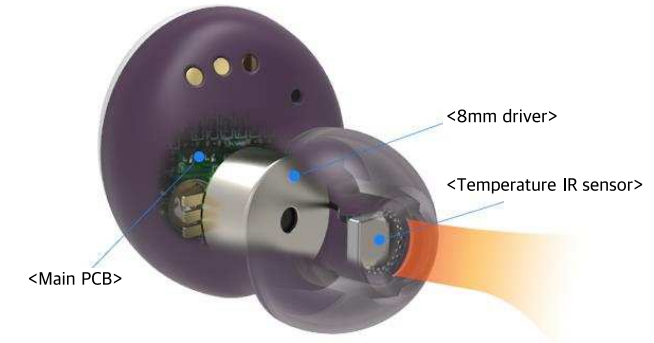


## Fever Monitoring TWS Earphone

### 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



<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 transcsmos Korea (2022)  
(Supplied to health department call center)



<PRO 3000>



**THANK YOU**