WHEELY-X PLAY

KANGSTERS

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Our Mission

Breaking through barriers and creating a barrier-free world.

©KANGSTERS

President & CEO: Kim Kang

Vice President: Cho Jeong-heum

We create products our parents use.

Kansters was founded out of a desire for our parents in wheelchairs to live a healthy life.
We are not just in it for profit—our mission is to **contribute to our customers' healthy lives**.

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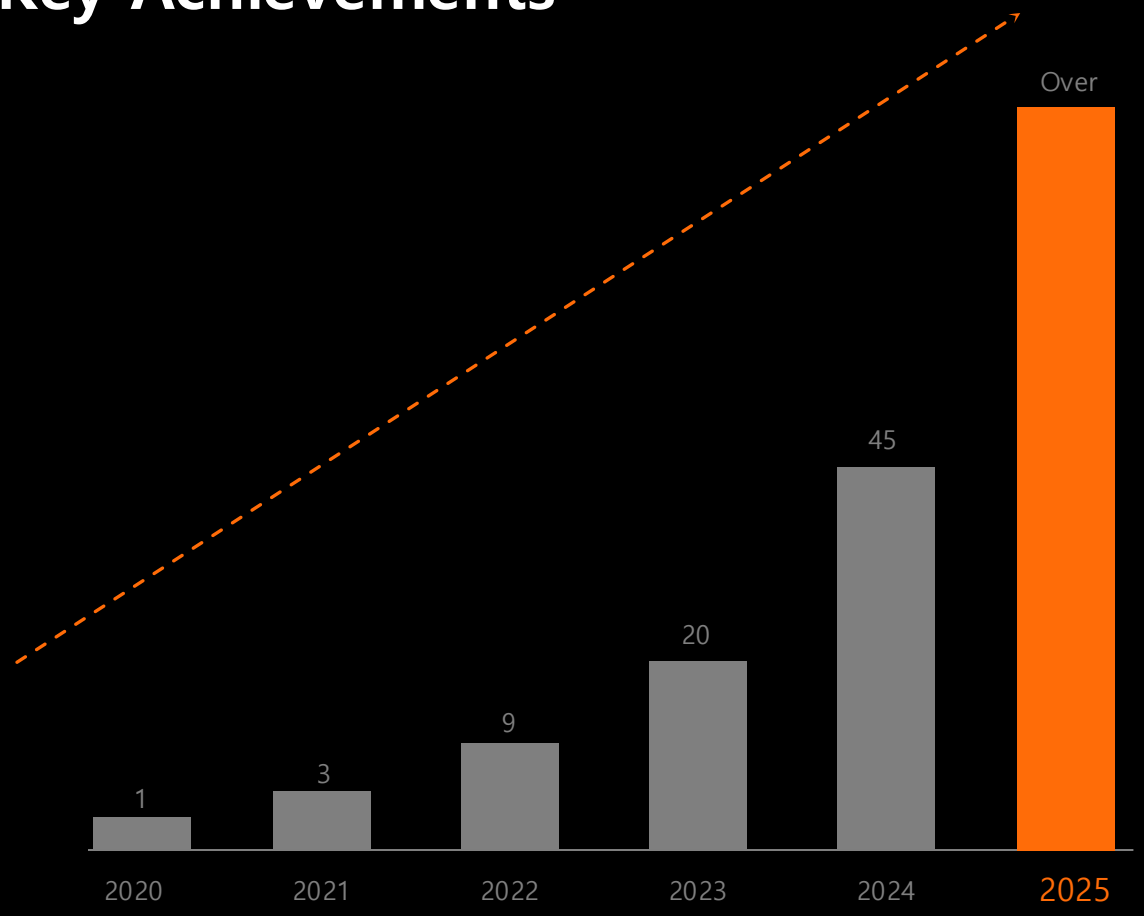
Key Achievements



Wheely-X installation status (domestic and overseas)

Brand History

- Jun. 2020 Establishment of Corporation
- Sep. 2020 Awarded by Hana Financial Group Social Venture Academy
- Jan. 2021 Certified as a Tech Venture
- Jan. 2022 Signed MOU with Hanyang University Conducted joint research on Wheely-X
- Apr. 2023 Won Human-centered Design Award at the Edison Awards (USA)
- Jan. 2024 Won CES 2024 Innovation Award (USA)
- Nov. 2024 Listed among "Top 200 Inventions of 2024" by *TIME* Magazine (USA)

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PART 01.

Products

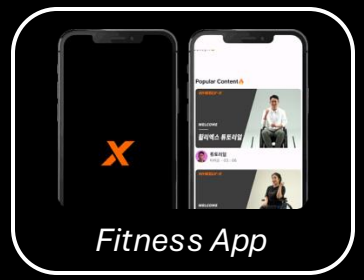
01 | Wheely-X Play
02 | Wheely-X

WHEELY-X

Turn your wheelchair into the best cardio machine

Wheely-X is a treadmill transforming your wheelchair into a cardio exerciser. With personalized data, its sleek ergonomic design and gamified XR elements create an immersive experience that maximizes engagement, fun, and results. Elevate your workout to the next level.

Treadmil



Fitness App

Wheely Hub

Tablet Stand (Stand Only)

TIME BEST INVENTIONS 2024

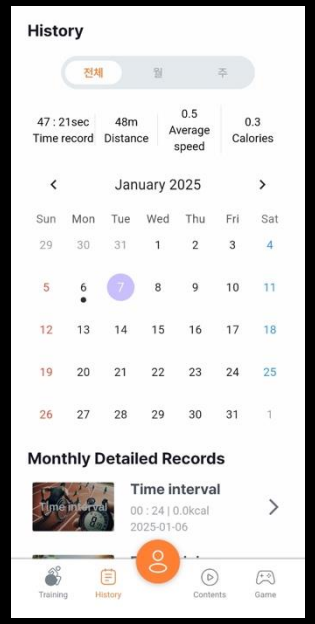
CES INNOVATION AWARDS 2024 HONOREE

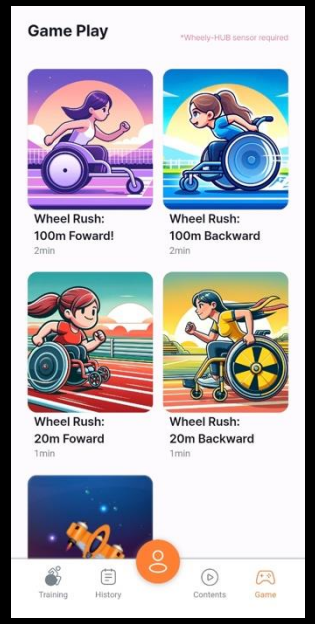
EDISON AWARDS GOLD 2023 WINNER

WHEELY-X

Wheely-X Fitness Mobile Application

Get ready to crush your fitness goals with the Wheely-X app! With 5 dynamic training courses, 4 guided workouts, and 5 fun mini-games, we've got everything you need to supercharge your workouts. As you roll, the data from your Wheely-X wheel is synced through the Wheely Hub sensor, tracking calories burned, distance traveled, arm strength, RPM, speed, and more. Push yourself daily, track your progress, and level up your fitness game!

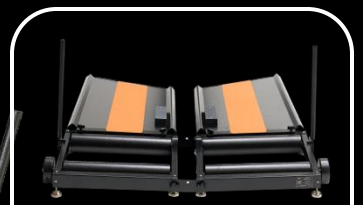




WHEELY-X PLAY

A new era of sports entertainment and para eSports gaming

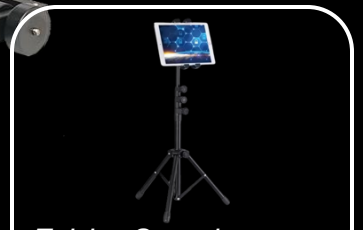
The ultimate gaming experience that turns exercise into pure excitement! Race through the streets in Wheelchair Racing, feel the thrill of the open road with Roadbike, soar high in the sky with Glider Odyssey, and so much more! Plus, dive into heart-pounding arcade action with River Rider, Donut Crush, and Ant's Journey. With 8 adrenaline-fueled games, fitness has never been this fun. Play, move, and revolutionize your workout with Wheely X Play – where gaming and fitness meet for an unforgettable experience!



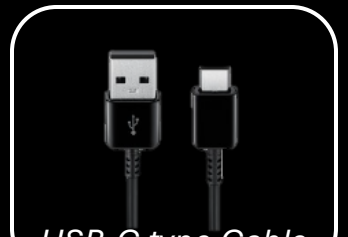
Treadmil

Wheely Hub

8 Game License(2 yrs)



Tablet Stand(Stand Only)



USB-C type Cable

Air Mouse

Sports Games

Wheelchair Racing

Compete in dynamic wheelchair races on diverse tracks in this thrilling, all-abilities competition.

Multiplayer Available | *Single Play* | *8 modes* | *Arm Strength* | *Muscular Endurance*

Road Bikes

Feel the speed in a realistic bike simulator. Race down roads, testing agility and skill.

Multiplayer Available | *Single Play* | *2 modes* | *Steering* | *Sense Of Balance*

Sports Games

Para Skiing

Race through varied terrains, uniting players of all abilities in competition and cooperation.

Multiplayer Available | *Single Play* | *8 Modes* | *Arm Strength* | *Muscular Endurance*

Street Racer

Sprint through city streets, avoid obstacles, and set speed records in this urban bike race.

Single Play | *2 modes* | *Steering* | *Arm Strength* | *Sense Of Balance*

Sports Games

Glider Odyssey

Soar over famous landmarks, enjoy stunning views, and experience the freedom of flight.

Single Play | *1 Mode* | *5 Levels* | *Steering* | *Sense Of Balance*

Arcade Games

River Rider

Navigate rapids and obstacles in this adrenaline-fueled kayak adventure against the clock.

Single Play | *1 Mode* | *Items* | *Steering* | *Sense Of Balance*

Arcade Games

Donut Crush

Doge the charging bull in a high energy arena, testing your reflexes to survive.

Multiplayer Available | *Single Play* | *1 mode* | *Steering* | *Sense Of Balance*

Ant Journey

Navigate cell to find the hidden holes and race to the queen's chamber in this fun maze adventure.

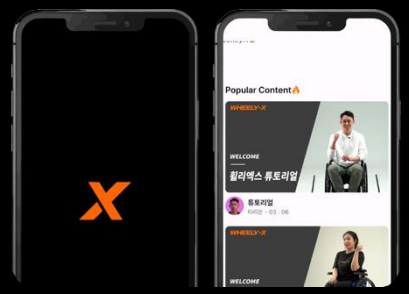
Multiplayer Available | *Single Play* | *4 mode* | *Steering* | *Sense Of Balance*

WHEELY-X

Wheely-X

Tablet Stand

Wheely Hub (Sensor)



Wheely-X Application

WHEELY-X PLAY

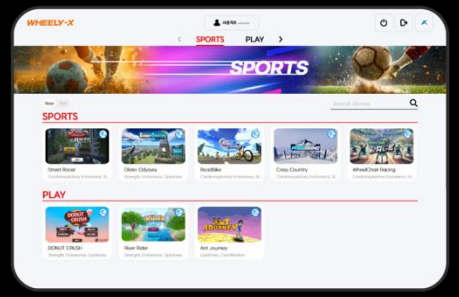
Wheely-X

Tablet Stand

Air Mouse

USB-C type Cable

Wheely Hub (Sensor)



Game License *(8 games, 2 years)*

To Be Provided by the User

Requirement Equipment

Gaming PC

CPU: i7-12700k
RAM: 16 GB
SSD: 500 GB (m.2)
GPU: RTX 3060
POWER: 700W
OS: Windows 10 Pro

Optional Add-on

TV

Kiosk

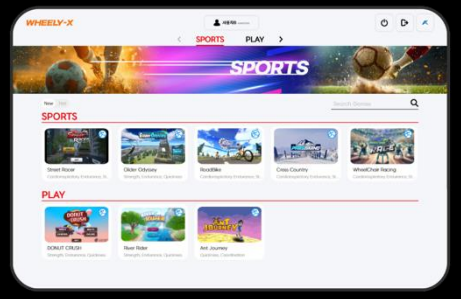
Package Options

Wheely-X

Tablet Stand *Air Mouse*

USB-C type Cable

Wheely Hub (Sensor)



Game License (8 games, 2 years)

+

Gaming PC

TV

Kiosk

=

Premium set

+

Gaming Laptop

Minimum Specification Requirement

CPU: i7-12700k
RAM: 16 GB
SSD: 500 GB (m.2)
GPU: RTX 3060
POWER: 700W
OS: Windows 10 Pro

=

Standard set

Storage & Shipping

Specification

Product Dimensions: 130 × 110 × 52 cm (51.2″ × 43.3″ × 20.5″)
Product Weight: 26.8 kg (59 lbs)
Weight Capacity: 150 kg (330 lbs, including wheelchair)
Package Dimensions: 94 × 62.5 × 24 cm (37” × 24.6” × 9.5”)
Package Weight: 32.5 kg (72 lbs)

Included items

2 Ramps & 4 Rollers
2 Detachable Weights
2 Brake Levers
2 Anti-Slip Blocks
1 Wheely Hub (Sensor)

PART 02

Key Awards & Impact

01 | Major Awards
02 | Physical, Social & Economic Impact

2024

TIME – Selected as one of the Top 200 Best Inventions of 2024

Read related article

TIME, the American news magazine, selects the most innovative products and services each year for its "Best Inventions" list.

Wheely-X was proudly selected among the 200 best inventions worldwide in 2024.
Only three Korean companies were included in the 2024 list: Samsung Electronics, LG Electronics, and Kangsters.

2024

CES

Watch related video

CES, often referred to as a "showcase of innovation," is a premier global platform where groundbreaking technologies and products are introduced.

Wheely-X received the Innovation Award in the "Accessibility & Longevity" category at CES 2024.

2023

Edison Awards

The Edison Awards is an international awards program held annually to honor companies that develop innovative products and services, commemorating the legacy of inventor Thomas Edison.

At the 2023 Edison Awards, Wheely-X023 won the Gold Award, receiving particularly high praise in the category of user-centered design.

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Research Findings

Joint research with Hanyang University's School of Sports Science confirms the effectiveness of Wheely-X.

+50%

Upper-body strength

+58%

Range of motion

+48%

Continuous riding time

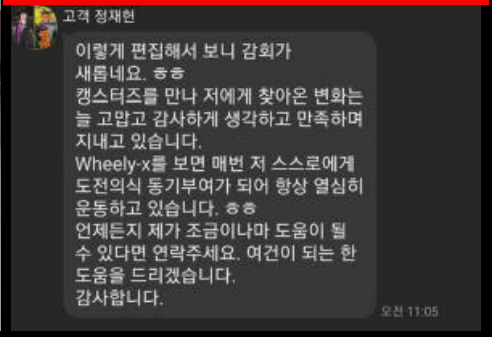
Physical impact of 6 weeks of remote Wheely-X home training (3 times a week, 30 minutes)

Source: Joint research with Hanyang University School of Sports Science, 2022

Real Stories of Empowerment & Independence

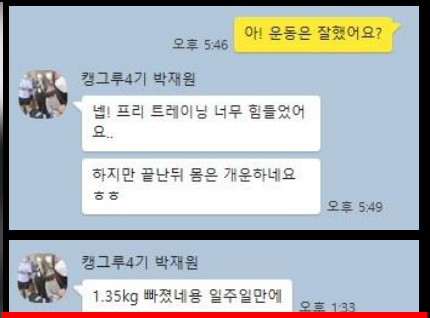
Jae-heon Jeong, who has a spinal cord injury (SCI), was once dependent on a caregiver for mobility.
Consistent use of Wheely-X now enables him to move independently in his wheelchair.
Today, he works as a Wheely-X rehabilitation coach at the Kimhae Municiple Disability Welfare Center.
"Wheely-X changed my life."

"I feel truly fortunate to have discovered Kangsters and your product. It has given me a sense of independence and continues to inspire and motivate myself"



Physical Impact of Six Weeks of Remote Wheely-X Exercise on Spinal Cord Injury Patients

Jae-won Park, also living with SCI, was previously unable to leave his home due to physical barriers.
Wheely-X has given him the strength and confidence to overcome thresholds and venture outdoors.
He is now pursuing a career in coding.
"Wheely-X gave me more than health—it gave me confidence".



"The free training was tough, but I feel amazing after finishing it! I lost 1.35 kg in just a week!"

Quantified Results of Wheely-X's Socioeconomic Impact

Testimonials

Hal Hargrave
President & CEO of Perfect Step

"Whether I want to push myself to new limits or take it slow, it adapts to my needs, giving me a sense of freedom and control. This product has truly brought movement and adventure back into my life!"

Lorie Leusoneante
Influencer

"It helps me stay fit because I can work out at home anytime. Never seen anything like this before."

Tammy Renfro
US Veteran

"You will see, as you progress the changes that will come, not just physically but mentally"

Ryu Yun-Su
Former Professional Soccer Player

"This is the perfect blend for incorporating both cardio workouts and muscular endurance training."

Dr. Kim Dong-gu
Head of Rehab Center, Seoul NMH

"It supports healthy bowel movements and boosts cardiovascular and muscular endurance."

Kim Eui-Jong
President of the Seoul Spinal Cord Injury Association

"This equipment is essential for wheelchair users. You'll start noticing real changes in just two weeks."

Kim Hyun-Jun
1st Customer of Whely-X

"I am off hypertention medication now. My next goal is to train myself with Wheely-X for a half marathon"

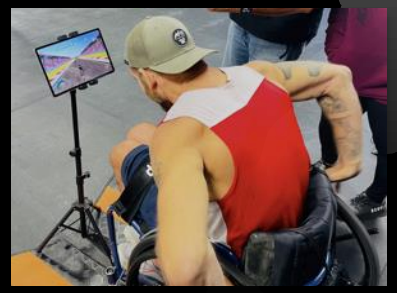
Coach Stanley Park
National Team for the International Paralympic Games

It relieves shoulder pains & strengthens balanced build-up of your upper body"

Wheely- X In Action

Wheely-X has already made its mark in 22 countries, with its global traction and appeal rapidly accelerating

WHEELY-X



WHO *Are We Targeting?*

E-sport events, Fitness Centers

Seniors
(Nursing homes, Senior community centers)

Kids
(Schools, Rehab Centers/Hospitals)

Wheelchair users and non-disabled individuals

PART 03

Offline Events

01 | CSR, MICE
02 | e-Sports Competitions
03 | International

Apr. 2025

Wheely-X Play That Comes to You

In collaboration with Kakao Games, we organized an experience event at Severance Hospital (Shinchon) for child patients.

Children were able to enjoy games simulating activities they usually can't experience—such as racing, paragliding, and boating—bringing them great joy.

Seeing how the children were having fun and benefiting from rehabilitation through gameplay, Severance Hospital is now positively considering adopting Wheely-X.

Mar. 2025

My Own Country Travel Fair

We were invited by the Korea Tourism Organization to run an experience booth at the 2025 My Own Country Travel Fair.

In an otherwise quiet and unexciting event, the active Wheely-X booth drew significant attention from visitors.

Jan. 2025

Public Corporation Job Fair

At the 2025 Public Corporation Job Fair hosted by the Ministry of Economy and Finance, we partnered with the Korean Paralympic Committee to run an experience booth.

Using Wheely-X as a real-life case study, we explained the types of programs and services the committee provides for people with disabilities.

Thanks to the unique and engaging Wheely-X experience, more people visited the committee's booth than in previous years.

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Jul. 2024

2nd National e-Sports Competition for People with Disabilities

Watch related video

We participated as an official game event in the 2nd National e-Sports Competition for People with Disabilities in 2024.

Thanks to the enthusiastic response at the 1st National Competition held in 2023, we joined the second annual event as well.

Wheely-X is expected to remain an official game event in future competitions.

May 2024

58th National Sports Festival for Disabled Veterans

We also participated in the National Sports Festival for Disabled Veterans, hosted by the Korea Disabled Veterans Sports Council, as a demonstration event.

Despite being a new sport game, the accessibility and ease of play led to many attendees participating.

Nov. 2023

1st National e-Sports Competition for People with Disabilities

Watch related video

At the 1st National e-Sports Competition for People with Disabilities, hosted for the first time by the Korea Paralympic Committee and the Korea Creative Content Agency, we participated as an official game.

Unlike traditional PC games that require picking and leveling up characters, Wheely-X allows players to control the game via wheelchair manipulation, making it more intuitive and enjoyable for all ages.

Among the seven total game events, Wheely-X had the highest number of participants and drew the most attention.

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Apr. 2025

FIBO Germany 2025

FIBO is the world's leading trade show for health, fitness, and wellness, held annually in Germany.
We hosted an experience event where both people with and without disabilities could try Wheely-X and engage in aerobic and arm strength exercises.
The satisfaction level after the experience was very high, leading to four units being sold on the spot.

Aug. 2024

2024 Paris Paralympic Experience Zone

Watch related video

At the 2024 Paris Paralympics Experience Zone, we ran a booth. The fact that visitors could play games using everyday wheelchairs—without needing professional training in sports like soccer, basketball, or table tennis—sparked strong interest.

Not only people with disabilities, but also many without disabilities found it very appealing. They enjoyed Wheely-X as if it were an arcade game, and many lined up to try it out.

Jan. 2024

CES 2024

Watch related video

CES is the world's largest electronics and IT trade show, held annually in Las Vegas since 1967.

At CES, where cutting-edge technologies and innovative products are showcased, Wheely-X was invited as a winner in the "Accessibility & Longevity" category, and proudly participated in the event.

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PART 04

Business

Warranty

<table>
<tr><th>Warranty Period</th><th>Product Lifecycle</th><th>A/S Support</th><th>Exceptions</th></tr>
<tr><td>Treadmill : 2-year</td><td>5-year</td><td rowspan="2">During the warranty period, replacement parts are shipped free of charge, and defective parts can be discarded (no return required).</td><td rowspan="2">Damage due to misuse, modification, or intentional harm is not covered.</td></tr>
<tr><td>Sensor : 1-year</td><td rowspan="2">Individual parts can be replaced to extend usage</td></tr>
<tr><td>Software updates are provided free of charge</td><td>Local partners may receive spare parts in advance for quicker service.</td><td>The same warranty terms apply to both personal and facility use.</td></tr>
</table>

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