WHEELY-X

MODEL: PLAY

USER MANUAL

Last Updated: July, 2025

INTRODUCTION

WHEELY-X is an innovative indoor wheelchair treadmill, providing a comprehensive suite of activities designed to enhance physical health and fitness:

- Perform push, pull, and twist movements to build muscular strength and improve cardiorespiratory endurance.
- Enjoy self-guided exercise routines, interactive training courses, immersive games, and more via our proprietary mobile app.
- Monitor and analyze fitness data to optimize your health strategies and outcomes.

This manual is intended to provide you with the essential knowledge required to maximize the benefits of WHEELY-X, empowering you to achieve greater levels of confident independence for yourself or those you care for, including patients, guests, or loved ones.

TABLE OF CONTENTS

Page	Content
3	PRECAUTIONS: HANDLING
3	CONFIGURATION
5	INSTALLATION
7	PRECAUTIONS: USE
8	HOW TO USE: APPLICATION
8	HOW TO USE: EXERCISER
10	MAINTENANCE
11	HOW TO STORE
11	FREQUENTLY ASKED QUESTIONS (FAQ)
12	WHEELY-X PLAY: XR GAMES
13	AFTER-SALES SERVICE AND SUPPORT

MANUFACTURER

KANGSTERS	**South Korea HQ:** B-301, Baemin Startup Square, 40 Geumto-ro 80beon-gil, Sujeong-gu, Seongnam-si, Gyeonggi-do info@kang-sters.com **A/S Center:** Handled by HQ (remote diagnosis first) +82 31 506 0625 · www.kangsters.com/support info@kang-sters.com **USA Office:** 8609 Westwood Center Dr. #110, Tysons Corner, VA, 22182 global@kang-sters.com

PRECAUTIONS: HANDLING

1. Descriptions are based on their default settings.
2. Keep the product out of reach of infants and children to prevent potential dangers. Swallowing the device or its parts can cause serious injuries.
3. WHEELY-X weighs 34 kg (75 lbs). Exercise extreme caution when installing or relocating the WHEELY-X to prevent injury.
4. Unauthorized disassembly of WHEELY-X beyond its initial configuration can jeopardize user safety. Do not dismantle any components without prior approval from Kangsters.
5. Ensure WHEELY-X is fully assembled prior to use. Do not attach any components not recommended by Kangsters, as this may result in injury.
6. Install WHEELY-X on a flat, even surface. Using the device on an incline or uneven ground can pose a risk of falling, especially when moving the rollers or rolling up the ramps.
7. Considerable impact or dropping of the product can damage it and cause unexpected malfunctions.
8. Do not disassemble or modify WHEELY-X. Taking apart any part of the product may cause damage.

CONFIGURATION

WHEELY-X Data/Play consists of three main components: the exerciser, the sensor, and the app.

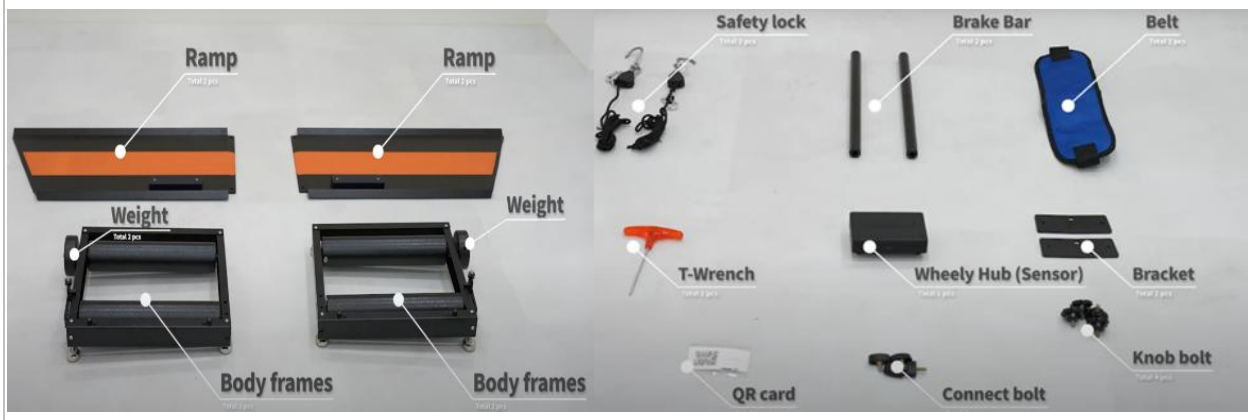
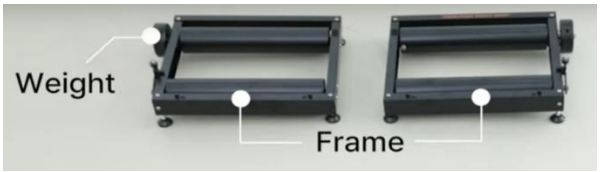
EXERCISER	
	Components ● Ramps ● Rollers ● Detachable Weights ● Brake Levers ● Anti-Slip Blocks *Please note: The product package does not include any cables or adapters.* Complete Weight: 34 kg (75 lbs) Assembled Size: 130 x 110 x 52 cm (51.2” x 43.3” x 20.5”) Ramp Size: 90 x 46 cm (35.4” x 18.1”) Ramp Angle: 8° ±0.2° Maximum Speed: 30km/h

SENSOR (WHEELY-HUB)	
	Size(width/length/height): 124/85/40(mm) Product Weight: 185g or 6.5oz Bluetooth version: 5.0 Usage time: ≒ 480 hours Battery Capacity: ≒ 4,900mA/3.6V/17.64Wh Charging type: USB-C type Charging time: 5–6 hours (based on 5V 1A charger) Input voltage: DC 5V 1A *The WHEELY-X will enter sleep mode if there is no input signal for 10 minutes.* *When the battery charge reaches 33%, the sensor will emit a sound and the LED will turn on.*

WHEELY-X APP	
	<u>Minimum Specs</u> OS: Android 9 or iOS 11 Processors: Octa Core RAM: 2GB Bluetooth: 4.1 <u>Recommended Specs</u> OS: Android 11 or iOS13 Processors: Octa Core RAM: 4GB Bluetooth: 5.0

INSTALLATION

A walkthrough installation video is available by scanning the QR code on the right.	

ASSEMBLING THE EXERCISER	
1. Open the box and take out the components.	
	
2. Place the main body frames side by side on a flat floor and use the provided brackets and knob bolts to connect both sides of the main body.	
3. Place the two ramps into the protruding parts of the main body frames and secure them using the provided connecting bolts.	
4. Align the brake bar provided with the brake attachment screws on both sides of the main body and connect by rotating clockwise.	

INSTALLING THE SENSOR

1. Please insert the sensor legs into the top holes of the assembled wheelchair treadmill, positioning the WHEELY-HUB to face the ramps, as illustrated in the image on the right.

2. Connect a C-type charger with a rated output of **5V 1A** into the charging port of the product.

Note: If the sensor needs to be charged, it is recommended to charge the battery immediately to prevent discharge.

⚠ **Do not use fast chargers exceeding 5V 2A (10W).**

⚠ If the charging cable or port is damaged, charging may not occur as it should be.

DOWNLOADING APP

1. Locate the WHEELY-X app on the Google Play Store or Apple App Store.

2. Install it on the device you intend to use with WHEELY-X.

PRECAUTIONS: USE

1. The maximum weight capacity of the WHEELY-X, including a wheelchair, is 150 kg (330 lbs). Avoid applying excessive pressure or impact to the product.
2. WHEELY-X is designed for use with manual wheelchairs only. Do not use electric wheelchairs or electric scooters on WHEELY-X.
3. Users with severe mental or physical disabilities must use WHEELY-X under the assistance or supervision of a guardian.
4. Unauthorized disassembly of WHEELY-X components beyond their delivered state can compromise user safety. Do not disassemble any parts without explicit consent from Kangsters.
9. WHEELY-X weighs 34 kg (75 lbs). Exercise extreme caution when installing or relocating the WHEELY-X to prevent injury.
10. Ensure WHEELY-X is fully assembled prior to use. Avoid attaching any components not recommended by Kangsters, as this may result in injury.
11. WHEELY-X must only be used when the wheelchair tire pressure of both wheels is above 80 psi. Operating with tires below this pressure may result in injury.
12. Install WHEELY-X on a flat, even surface without slope or curvature. Using the device on an incline can pose a risk of falling, especially when moving the rollers or rolling in the ramps.
13. Always check the brake before and after using WHEELY-X. Ensure that the rectangular part of the roller shaft and the four-sided angle of the brake are properly engaged. Briefly roll a wheel to confirm the brakes are correctly engaged.
14. Damage to the charging cable or charging port may result in poor charging performance.
15. Use only 5V 1A chargers. Using chargers with an output of 5V 2A (10W) or higher can cause sensor failure.

SAFE EXERCISE

1. If you experience pain or shortness of breath during exercise, stop immediately and consult your doctor.
2. Exercise at a speed that matches your current ability. Avoid exercising excessively.
3. Rest or cool down before disembarking from WHEELY-X. After an intense workout, you may feel dizzy. Disembarking immediately in a dizzy state may result in injury.
4. If you have high blood pressure, heart disease, or any serious medical condition, consult your doctor or physical therapist about any changes you experience while exercising.

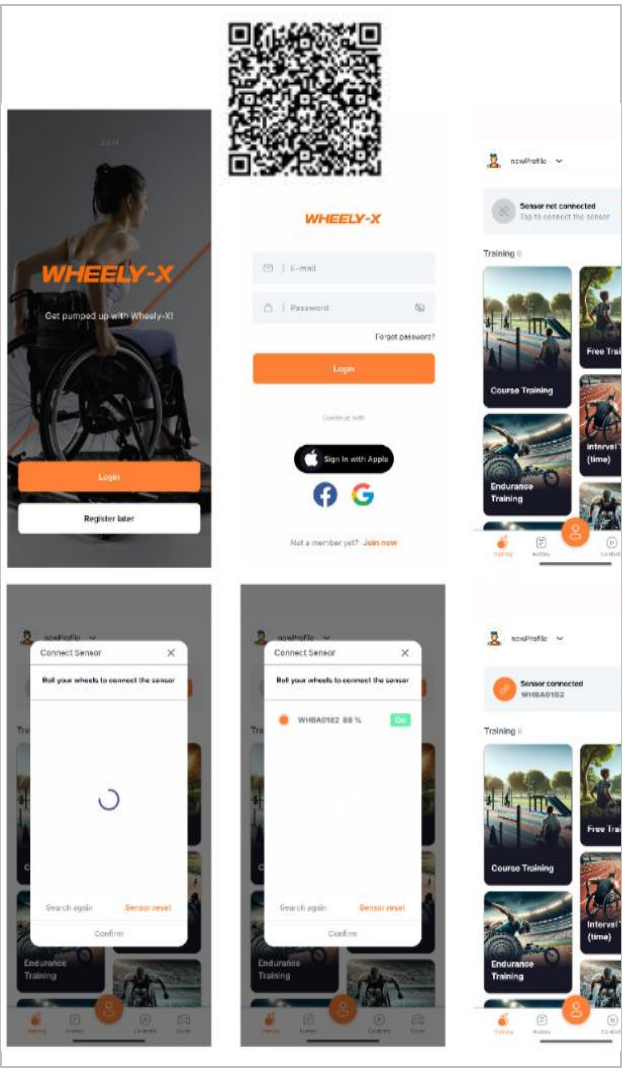
HOW TO USE: APPLICATION

For regular updates, please access the latest instructions by scanning the QR code provided here or visiting the following link: url.kr/87vxpg

How to connect WHEELY-X app via Bluetooth:

1. Install the WHEELY-X app from the Google Play Store or the iOS App Store. (Apps are supported on both smartphones and tablets.)
2. After logging in to the WHEELY-X application, press the 'Connect' button.
3. Select the name of the searchable sensor. (The WHEELY-HUB sensor name starts with WHB and consists of one alphabetical digit from A to Z and four digits from 0001 to 9999)
4. Upon completion of the connection between the application and the sensor, it will automatically switch to the successfully connected screen.
5. If connection is not successful, turn it off and on again, and then attempt to connect the sensor again.

Note: changing the IP address setting of the router set by the initial installer may result in loss of sensor connection.

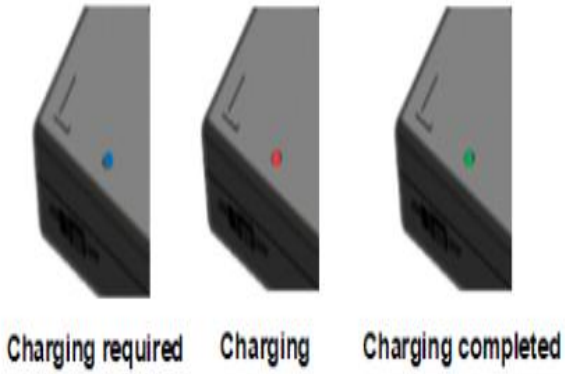


HOW TO USE: EXERCISER

1. Prior to using the WHEELY-X, stretch for at least 5 minutes to warm up.	
2. Ensure both wheels have a tire pressure of at least 80 psi.	

3. Put on gloves and securely fasten a safety belt.		
4. Place both wheels of the wheelchair at the end of the ramp on the orange grip tape. Slowly and evenly pull both wheels back while leaning slightly forward to roll up the ramp.		
5. Attach safety locks to the front of your wheelchair on both sides.		
6. Once on the roller, release both brakes by pulling both levers forward until both locking claws disengage from the spindles.		
7. Begin your exercise routine.		
8. Once your workout is complete, engage the brake one at a time by pushing the lever and rolling the spindle as needed until each claw fits snuggly over each spindle.		
9. Release the safety locks and place them back on the levers.		
10. Push both wheels forward until they are on level ground, then slowly roll down the ramps.		

MAINTENANCE

BRAKES The brakes on newly manufactured WHEELY-X units are tightly engaged with the frame. Users may need to exert additional force to release or engage the brakes. With regular usage, the brakes will become easier to engage and disengage.	
WEIGHTS Attached weights may become loose due to regular vibrations. If the weights are not securely locked, use the included hexagonal T-wrench to tighten the screw by turning it clockwise.	
SENSORS • When the battery level drops to 33% or lower, the sensor will emit a buzzing sound, and the LED will turn blue. • Do not use fast chargers exceeding 5V 2A (10W). • While charging, it will emit a red light. When fully charged, it will turn green. • Please turn off the power button if the product is not in use or will be stored for an extended period.	
CLEANING • Regular maintenance is essential to ensure the product remains clean and operational. • Carefully wipe off dust with a dry cloth. • Clean the external terminals with a dry cotton swab or cloth. • If the device gets wet, wipe it with a soft cloth. If moisture enters the USB connector or the inside of the product, stop using it immediately and contact the customer service center.	

HOW TO STORE

1. Unscrew the fasteners on the top of each ramp by turning them counterclockwise.	
2. Lift each ramp one at a time.	
3. Unscrew the fasteners connecting the bases at the front and back.	
4. Fold one base over the other to store ramps and bases together.	

FREQUENTLY ASKED QUESTIONS

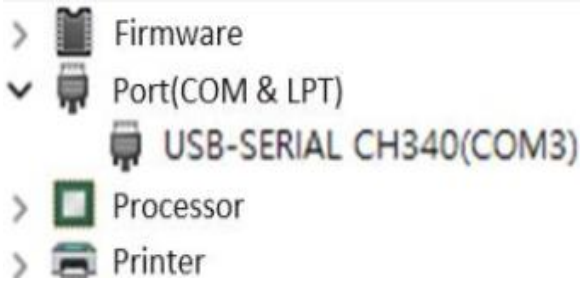
For the most updated questions and answers, please scan the QR code provided here or visit the following link: url.kr/1wrzdq	

WHEELY-X PLAY: XR GAMES

WHEELY-X Play features interactive XR games, providing a realistic gaming experience that promotes social collaboration and friendly competition among multiple players.

Minimum PC Specifications to Run Games

- CPU : AMD Ryzen5 5600 3.5G
- RAM : 16G
- SSD : 500GB(m.2)
- GPU : Geforce RTX 3050 D6 6GB
- POWER : 600W
- OS : Window 10

How to connect WHEELY-HUB via wired communication (using a C type cable): Connect the WHEELY-HUB to the PC using a USB type C cable to the CONNECT port and switch it on. After 40 seconds, the connection with its serial communication will begin. After 40 seconds, the connection with its serial communication will begin. On the PC, navigate to Device Manager → Ports (COM & LPT) and verify if the device is listed as USB-SERIAL CH340	

⚠ Warnings

Unauthorized Replication or Modification:
Unauthorized replication or modification of the installed game launcher is strictly prohibited. Any alteration or replication of may result in malfunction or voiding of warranty. Follow all guidelines and instructions provided by the manufacturer for safe and proper use of the product.

Software Update Procedure:
Before initiating software updates on the PC following game launcher installation, it is strongly advised to consult with the manufacturer.

AFTER-SALES SERVICE AND SUPPORT

We are dedicated to providing you with exceptional after-sales service and support to ensure your satisfaction and the best performance from your WHEELY-X product.

Warranty

Limited Warranty We offer a limited warranty from the date of purchase:
WHEELY-X unit 2 years, WHEELY-Hub sensor 1 year. This warranty covers defects in materials and workmanship under normal use.

Coverage The warranty covers:

- Ramp
- Roller
- Detachable Weights
- Brake Lever
- Anti-Slip Block
- Sensor (Wheely-Hub)

Exclusions This warranty does not cover:

- Normal wear and tear
- Damage caused by misuse, neglect, accidents, or unauthorized modifications
- Routine maintenance and service costs

Claim Process To make a warranty claim, please follow these steps:

1. Contact our customer support team with your proof of purchase, and a detailed description of the issue.
2. Our team will guide you through the diagnostic process to determine if the issue is covered under warranty.
3. If approved, we will arrange for the repair or replacement of the defective parts at no cost to you.

Warranty Transferability This warranty is transferable to subsequent owners for the remainder of the original warranty period. Proof of the original purchase and a transfer request must be provided.

Disclaimer This warranty gives you specific legal rights, and you may also have other rights which vary from country to country. Our responsibility for any defects is limited to repair or replacement as stated in this warranty policy.

Customer Support

If you have any questions, need assistance, or encounter any issues with your WHEELY-X, our customer support team is here to help. You can reach us through the following channels:

- **Phone:** +82-31-506-0625
- **Email:** info@kang-sters.com

For additional assistance, please contact Kangsters via global@kang-sters.com

KANGSTERS

EMPOWERING EVERY BODY TO THRIVE

Sales: global@kang-sters.com
Customer Service: info@kang-sters.com
www.WHEELY-X.com
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