

WHEELY-X

App · WHEELY-Hub Guide

For Home Users

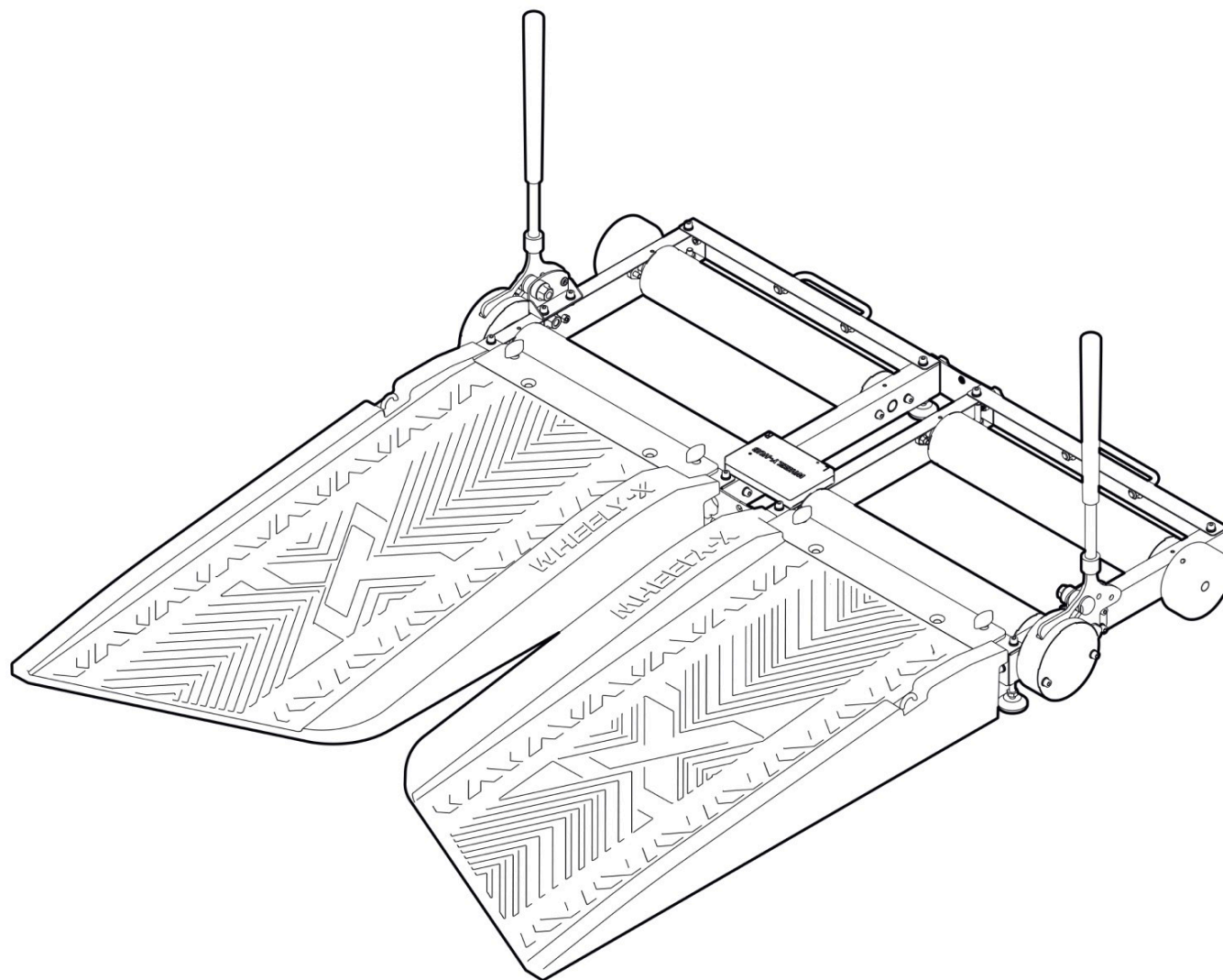
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2026.10 · English

KANGSTERS

WHEELY-Hub

The WHEELY-Hub is a small box that reads your wheel turns and sends them to the app and games. It sits on the connector plate in the middle of WHEELY-X. This guide calls it the "WHEELY-Hub (sensor)".



Model	WH-HUB24
Size · weight	124 × 85 × 40 mm · 185 g
Connection	Bluetooth 5.0 (app) · USB-C cable (PC)
Run time	About 480 hours on a full charge
Charging	USB-C · 5V 1A · 5–6 hours
Sleep	Sleeps after 10 min without input

Parts



- 1 ON/OFF switch**
Front, lower left. ON when in use, OFF when stored for a while.
- 2 USB-C port "Connect"**
For charging, and for the cable link to the PC (PLAY).
- 3 USB-C port "Update"**
Firmware updates only. Not used day to day.
- 4 LED**
Small light on top, next to the L. Its color shows the battery status (below).
- 5 L · R marks**
Left and right wheel sides. Fit the hub so the L-R letters read upright. Port direction does not matter.

Charging · LED colors

**Blue LED + beep**
Battery below 33%.
Charge now.

**Red LED**
Charging.

**Green LED**
Working normally · fully charged.



How to charge

- Plug the cable into the "Connect" USB-C port and the other end into a 5V 1A charger.
- Red light → done when it turns green after 5–6 hours.
- Do not use fast chargers (5V 2A or higher). Damage from fast chargers is not covered by the warranty.
- When the blue light comes on, charge right away. Fully draining the battery damages it.
- Keep it dry and do not handle it with wet hands.

App Setup

Install the WHEELY-X app on your phone or tablet and pair it with the WHEELY-Hub over Bluetooth once. It takes about 5 minutes.

Supported devices

- Android 9+ or iOS 11+ (recommended Android 11 / iOS 13)
- Bluetooth 4.1+ (recommended 5.0)
- Phones and tablets both work

Your sensor's name

WHB + 1 letter + 4 digits (e.g. WHBA0182). It is also on the label under the hub. Where there are several units, pick yours by this name.

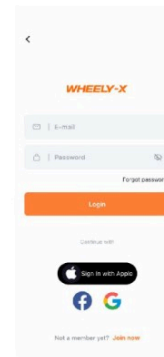
With a PC (WHEELY-X PLAY), connect by USB-C cable, not Bluetooth → see step 5-8 of the "PLAY Installation Manual"



1

Install the app

Search for "WHEELY-X" on Google Play or the App Store and install it. Tap "Login" on the first screen.



2

Log in · sign up

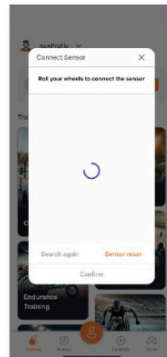
Sign up with email or log in with Apple or Google. First time? Tap "Join now".



3

"Connect" on the home screen

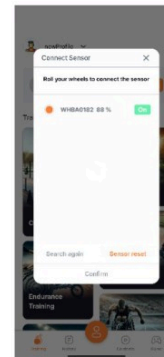
Tap the orange "Connect" button next to "Sensor not connected" at the top of the home screen. Keep Bluetooth on.



4

Switch on the hub, spin the wheels

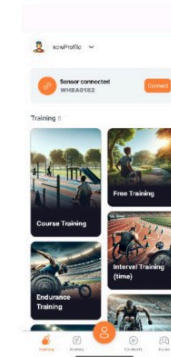
Switch the hub ON, put the wheelchair on WHEELY-X and spin the wheels a few turns. The app starts searching for the sensor.



5

Pick your sensor

When a name starting with WHB appears, tap it and "Confirm". The battery level (%) is shown too.



6

Connected

Done when the top of the home screen shows "Sensor connected". Next time, open the app and switch on the hub — it reconnects automatically.

If it will not connect

Nothing in the list

Switch the hub off and on, spin the wheels again, then tap "Search again". Check Bluetooth is on and you are within 1–2 m of the hub.

Listed but will not connect

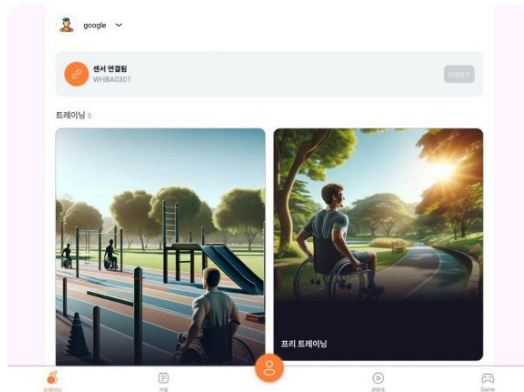
It may already be connected to another phone. Close the app on that phone and retry. Still no? Tap "Sensor reset" and reconnect.

Connected but no wheel reading

Check the hub's L-R letters read upright and the sensor magnets pass close to the hub. Spare magnets are in the box.

Training · Records

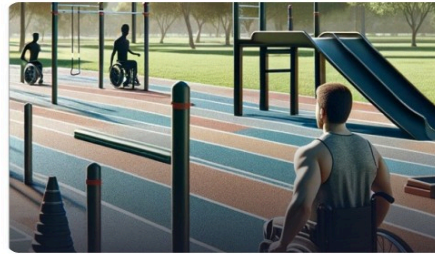
The app has five tabs at the bottom: Home · Training · Records · Content · Games. It opens on Home, the live track showing who is exercising right now.



In every training mode

- Speed, time, calories and left/right push balance are shown live.
- Pause or stop at any time.
- At the end you get a report: distance, average/top speed, time and calories.

6 training modes



Course Training

Follow the moves in the video. 3 courses each at beginner, intermediate and advanced — 9 in total. Start with beginner.



Free Training

Ride freely as long as you like. The longer, faster and more you push, the higher the score.



Endurance Training

A non-stop stamina test. It ends automatically if you stop for 5 seconds.



Interval · Time

Set your own work time, rest time and number of sets.



Interval · Distance

Set distance, rest and number of sets.



Sprint Record

A 20 m all-out sprint. Track how your arm strength improves.

Records



- The Records tab shows all-time, monthly and weekly views; tap a date to see that day's sessions.
- Totals for time, distance, average speed and calories are at the top; scroll down for the list of sessions.

Content · Games

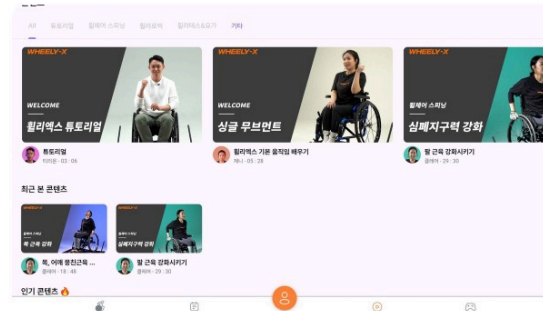
Content is seated exercise you follow along with a video instructor. Games let you move a character with your wheels.



Before you play

- Check the safety hooks are on and both levers are pulled back.
- Online rankings update only when you are online.

Content — follow-along videos



Tutorial

Basic moves for first-time users

Wheelchair Spinning

Cardio while pushing the wheels

Wheelrobics

Wheelchair aerobics

Wheelates & Yoga

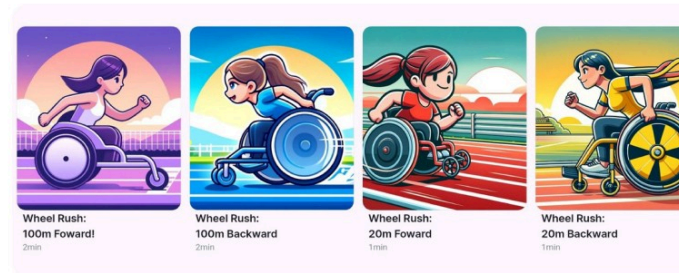
Upper-body stretching · core

More

New videos added over time

Category → pick a video → follow the instructor. Coaches keep adding new videos.

5 games



Wheel Rush — 20 m · 100 m, fwd / back (4)

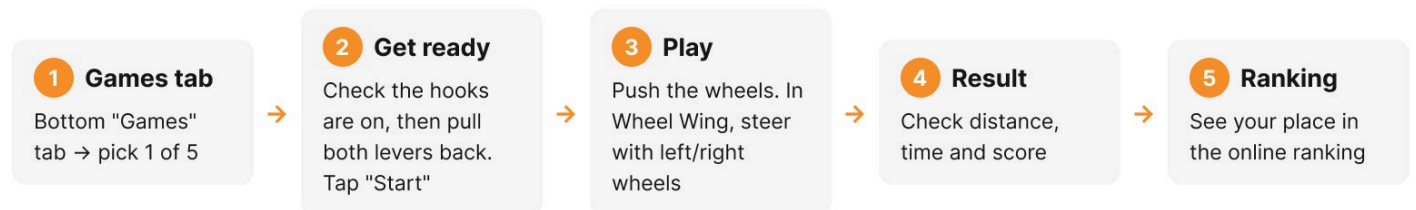
Cover a set distance as fast as you can. In Forward mode, push ahead; in Backward mode, push in reverse. Afterwards, compare your rank online with others.



Wheel Wing — plane shooter

Push the left wheel to fly left, the right wheel to fly right. Dodge red missiles and other planes. The game ends when all 5 hearts are gone. Hit points + distance points = total.

How a game goes



After a session or game you see a result screen: distance, average speed, top speed, time and calories. It is saved to the Records tab automatically after 30 seconds or 10 m of exercise.

Help · Care

Try the table below first; if that does not help, contact us. Giving us the sensor name under the hub (WHB...) speeds things up.

Kangsters Customer Support

+82-31-506-0625

info@kang-sters.com

Warranty

- Warranty from purchase: WHEELY-X unit 2 years, WHEELY-Hub sensor 1 year.
- Damage from drops, water, disassembly or fast chargers is not covered.

Troubleshooting

Symptom	Try this
Hub will not turn on (no light)	Flat battery — charge over USB-C (5V 1A), wait a few minutes, then switch on.
Blue light and beeping	Battery below 33%. Charge it; the beeping stops once charging.
App cannot find the sensor	Hub off and on → spin the wheels → Search again. Bluetooth ON, within 1–2 m.
Connected but speed shows 0	Check the hub's L-R direction and the sensor magnets. If a magnet has come off, use a spare magnet.
Keeps dropping	Move away from strong radio sources such as microwaves or wireless devices. Keep a clear line between hub and phone.
App is slow or closes	Check the device (Android 9/iOS 11+, 2 GB+ RAM). Update the app and restart it.
Videos will not play	Check the internet. Wi-Fi or mobile data must be on.

Care · storage

Every day

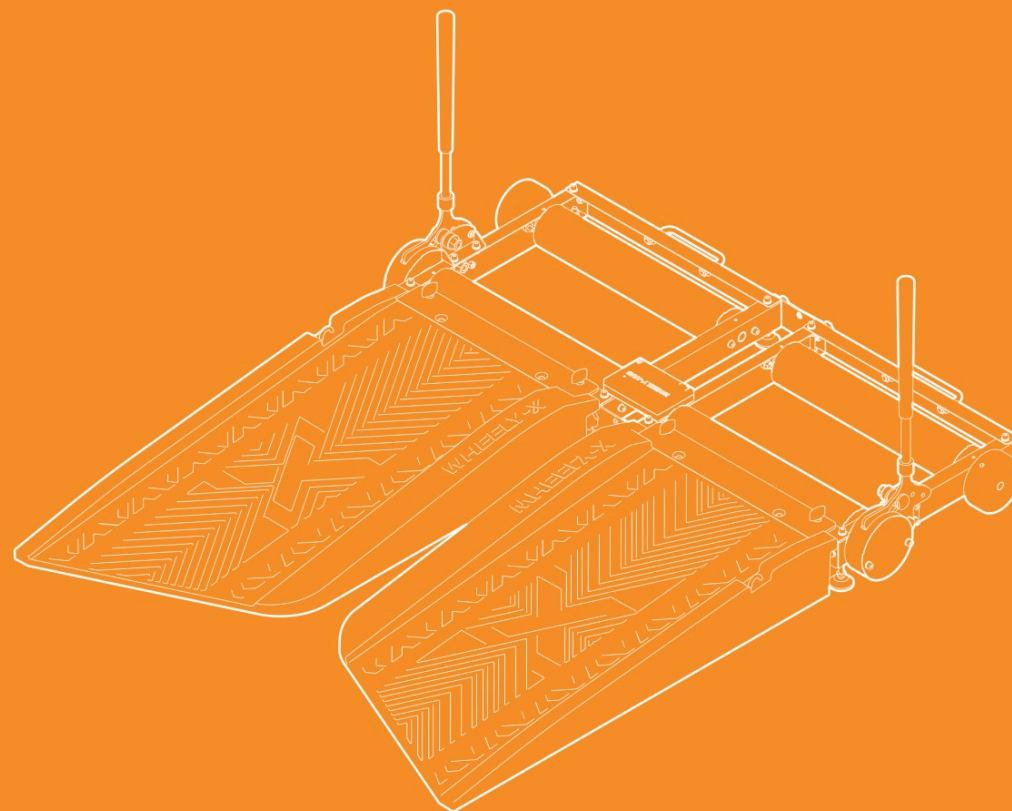
- Wipe off dust with a dry cloth.
- Clean ports with a dry cotton swab.
- If it gets wet, stop using it and contact us.

When not in use

- Switch OFF.
- In long storage, charge once a month.
- Keep away from direct sun, heat and damp.

Don't

- Take apart or modify it.
- Drop it or press it hard.
- Use fast chargers (5V 2A or higher).
- Put metal into the ports.



WHEELY-X

EMPOWERING EVERYBODY TO THRIVE

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