

A Message to Our Customers

We strive to ensure the highest quality control for our devices.

However, if you encounter any defects or have any questions or uncertainties regarding the device, please contact our customer service center.

This device is eligible for compensation based on the criteria for settlement of consumer disputes under the [framework act of consumers].

Please note that the specifications may be changed without prior notice for device improvement, and the images in the user manual may differ from the actual device. We appreciate your understanding.

Due to the nature of printed materials, the actual device color may differ slightly.



WIM®
User Manual (English)

WEARABLE
MOBILITY WIM®

User Manual (English)

My First-Ever Robot, WIRobotics



My First-Ever Robot, WIRobotics



Contact Us

WIRobotics, Inc www.wirobotics.com

©WIRobotics2024

Table of Contents

I	Get Started	1. Safety Precautions	5	5. Purpose of Use	19
		2. Device Specifications	13	6. Intended Users	20
		3. Device Components	14	7. Recommended Environments	21
		4. Device Description	15		
II	How to Use	1. Application	24	3. Exercise with WIM®	36
		A. Sign Up (For first-time users)	24	4. Taking off & Replacing Parts	38
		B. Log In (For registered users)	25	5. Storage	40
				6. Maintenance	41
		2. Wearing WIM®	26	7. Charging	42
		A. Setup	26		
		B. Waist Strap	29		
		C. Attaching Main Device	31		
		D. Leg Straps	33		
		E. After-Wearing Check	35		
III	Customer Service	1. Troubleshooting	44	3. Device Warranty	47
		A. App Notifications	44	A. Limited Warranty	47
		B. Other Issues	45	B. Paid Service	49
		2. List of Additional Accessories	46		

I. Get Started

1. Safety Precautions
2. Device Specifications
3. Device Components
4. Device Description
5. Purpose of Use
6. Intended Users
7. Recommended Environments



The images are for reference and may differ from the actual device.

1. Safety Precautions

- The WIM® user manual has been prepared under the supervision of experts, including device developers, manufacturing personnel, and physical therapists.
- Please read it thoroughly before use and follow the provided guidelines.
- The safety precautions listed below are intended to ensure the safe and correct use of the device, preventing any unexpected risks or damage.



PROHIBITION

PROHIBITION

Failure to follow these instructions may result in serious injury.



WARNING

WARNING

Failure to follow these instructions may result in user injury or damage to the device or other property.



NOTE

NOTE

This symbol informs users about actions and operations that could be dangerous. To avoid any risk, please read the instructions carefully and follow them closely.



- Failure to follow these instructions may result in serious injury.
- Le non-respect de ces instructions peut entraîner des blessures graves.

Do not use or wear for purposes other than assisting your gait or exercising (e.g., driving). N'utilisez pas ou ne portez pas à d'autres fins que d'aider votre démarche ou de faire de l'exercice (p. ex., conduire).	This may cause injury. Cela peut causer des blessures.
Do not use this device on marine or ship. N'utilisez pas ce produit en mer ou sur un navire.	Failure may occur due to invisible corrosion. Une défaillance peut survenir en raison d'une corrosion invisible.
Do not apply impact to the device. N'appliquez pas d'impact sur le produit.	Electric shock or malfunction may occur. Un choc électrique ou un dysfonctionnement peut survenir.
Do not excessively stretch the parts of the device. N'étirez pas excessivement les parties du produit.	May cause injury or device malfunction. Peut causer des blessures ou un dysfonctionnement du produit.
Do not modify, repair, or disassemble the device. Ne modifiez pas, ne réparez pas ou ne démontez pas le produit.	This may cause the device to malfunction and will not be covered under warranty. Cela peut entraîner un dysfonctionnement de l'appareil et n'est pas couvert par la garantie.
Never use the device when it is damaged. N'utilisez jamais le produit lorsqu'il est endommagé.	This may cause injury. Cela peut causer des blessures.
Do not wear the device or its components in improper positions. Ne portez pas l'appareil ou ses composants dans des positions incorrectes.	May cause injury or device malfunction. Peut causer des blessures ou un dysfonctionnement du produit.
Make sure to wear the leg attachments on both sides, not just one side. Assurez-vous de porter les attaches de jambe des deux côtés, pas seulement d'un côté.	May cause injury or device malfunction. Peut causer des blessures ou un dysfonctionnement du produit.
Make sure to turn off the power before taking off the device. Assurez-vous d'éteindre l'alimentation avant de retirer l'appareil.	This may cause injury. Cela peut causer des blessures.



Precautions for disposal after use

Précautions d'élimination après utilisation

- Do not dispose of the device with normal household waste. Electrical and electronic devices must be disposed of individually in the municipality's waste pre-treatment process at the nearest retail outlet or at a collection facility appointed and designated by the government or local authorities.

Ne jetez pas le produit avec des déchets ménagers normaux. Les produits électriques et électroniques doivent être éliminés individuellement dans le cadre du processus de prétraitement des déchets de la municipalité au point de vente au détail le plus proche ou dans une installation de collecte désignée et désignée par le gouvernement ou les autorités locales.

- For detailed information on the disposal of the device, please contact the ward office, waste service or the branch where the device was purchased.

Pour obtenir des renseignements détaillés sur l'élimination du produit, veuillez communiquer avec le bureau de quartier, le service des déchets ou la succursale où le produit a été acheté.



- Failure to follow these instructions may result in user injury or damage to the device or other property.
- Le non-respect de ces instructions peut entraîner des blessures ou des dommages à l'utilisateur à l'appareil ou à d'autres biens.

WIM® is a walking assistive device for those who can walk independently. If any assistance is needed or hands are impaired, make sure to use it with a caregiver. WIM® est un appareil d'assistance à la marche pour ceux qui peuvent marcher indépendamment. Si de l'aide est nécessaire ou si les mains sont altérées, assurez-vous de l'utiliser avec un soignant.	This may cause injury. Cela peut causer des blessures.
Keep the device out of reach of infants, children, and pets. Gardez le produit hors de la portée des nourrissons, des enfants et des animaux domestiques.	
Always use the dedicated charger. Utilisez toujours le chargeur dédié.	Fire, electric shock or device malfunction may occur. Un incendie, un choc électrique ou un dysfonctionnement du produit peut survenir.
Do not wear the device too tightly. Ne le portez pas trop fermement.	This may cause injury. Cela peut causer des blessures.
Make sure to wear the device on the appropriate clothing for exercise. Assurez-vous de porter l'appareil sur les vêtements appropriés pour l'exercice	This may cause injury on bare skin. Cela peut causer des blessures sur la peau nue.

Check if the power is off, then put on the device. After wearing it, turn on the power. Vérifiez si l'alimentation est éteinte, puis mettez l'appareil. Après l'avoir porté, allumez l'alimentation.	This may cause injury. Cela peut causer des blessures.
Adjust mode and intensity only when fully stopped. Ajustez le mode et l'intensité uniquement lorsque l'appareil est complètement arrêté.	
After using WIM®, make sure to perform stationary walking or do stretching. You may feel disoriented when moving immediately after using the device. Après avoir utilisé le WIM®, assurez-vous de faire de la marche stationnaire ou des étirements. Vous pouvez vous sentir désorienté lorsque vous bougez immédiatement après avoir utilisé l'appareil.	
Be cautious of walking when changing modes or intensity. Soyez prudent en marchant lorsque vous changez de mode ou d'intensité.	
Make sure to check the activity records only when fully stopped. Assurez-vous de vérifier les enregistrements d'activité uniquement lorsque l'appareil est complètement arrêté.	
Check the device for any damage before use. Vérifiez l'appareil pour tout dommage avant utilisation.	
If you experience lower back pain before or during use, do not use the device and wait until the pain subsides before using WIM®. Si vous ressentez des douleurs lombaires avant ou pendant l'utilisation, ne pas utiliser l'appareil et attendez que la douleur disparaisse avant d'utiliser le WIM®.	



- Failure to follow these instructions may result in user injury or damage to the device or other property.
- Le non-respect de ces instructions peut entraîner des blessures ou des dommages à l'utilisateur à l'appareil ou à d'autres biens.

Check the battery status before and after exercise, and charge if necessary. Vérifiez l'état de la batterie avant et après l'exercice, et rechargez si nécessaire.	If the battery runs out during exercise, it can cause injuries. Si la batterie s'épuise pendant l'exercice, elle peut causer des blessures.
WIM® is a IP54-certified device, but if used in the rain, separate the battery and ensure both the main device and battery are fully dried before use. Le WIM® est un appareil certifié IP54, mais en cas d'utilisation sous la pluie, séparez la batterie et assurez-vous que l'appareil principal et la batterie soient complètement séchés avant de les utiliser.	Fire or device malfunction may occur. Un incendie ou un dysfonctionnement de l'appareil peut survenir.
Avoid direct skin contact with the device to prevent injury. if any part of the device comes into direct contact with the skin. Soyez prudent pour éviter toute blessure à la peau si une partie de l'appareil entre en contact direct avec la peau.	May cause injury or device malfunction. Peut causer des blessures ou un dysfonctionnement du produit.
Make sure to wear the waist strap correctly and attach the main device properly before use. If the main device is not properly secured, it may detach during walking. Assurez-vous de porter correctement la ceinture et de fixer correctement l'appareil principal avant utilisation. Si l'appareil principal n'est pas correctement fixé, il pourrait se détacher pendant la marche.	

Make sure the velcro is tightly fastened. Assurez-vous que le velcro soit bien serré.	May cause injury or device malfunction. Peut causer des blessures ou un dysfonctionnement du produit.
Make sure the leg straps are correctly fastened. Check for any discomfort before use. Assurez-vous que les sangles de jambe soient correctement fixées. Vérifiez s'il y a des inconforts avant utilisation.	
Hold the main device with one hand to prevent it from falling and detach it side by side. Tenez l'appareil principal d'une main pour éviter qu'il ne tombe et détachez-le côté par côté.	
Do not store or use the device near flammable materials or strong magnetic fields. Ne stockez pas et n'utilisez pas l'appareil à proximité de matériaux inflammables ou de champs magnétiques forts.	Fire or device malfunction may occur. Un incendie ou un dysfonctionnement de l'appareil peut survenir.
Do not store or charge in hot and humid environments or in low temperatures. Ne stockez pas et ne chargez pas dans des environnements chauds et humides ou à des températures basses.	
Check the user's skin before and after exercise, especially where the device contacts. Vérifiez la peau de l'utilisateur avant et après l'exercice, en particulier là où l'appareil entre en contact	This may cause injury. Cela peut causer des blessures.



Please be aware that this device is not a medical device. It is designed as a walking aid, not for therapeutic purposes. Veuillez noter que cet appareil n'est pas un dispositif médical. Il est conçu comme une aide à la marche, et non à des fins thérapeutiques.
Please read the user manual before using the device. Veuillez lire le manuel d'utilisation avant d'utiliser l'appareil.
Check all device components are present before use. Vérifiez que tous les composants de l'appareil sont présents avant utilisation.
Check the device's charge status before use. Vérifiez l'état de charge de l'appareil avant utilisation.
Make sure the device is powered on before connecting bluetooth. Assurez-vous que l'appareil est allumé avant de connecter le bluetooth.
Activity records will be automatically saved if you walk for more than 5 minutes. To check workout analysis, make sure the device is connected to the app via bluetooth. Les enregistrements d'activité seront automatiquement sauvegardés si vous marchez pendant plus de 5 minutes. Pour consulter l'analyse de l'entraînement, assurez-vous que l'appareil est connecté à l'application via bluetooth.
Adjusting the intensity in air/aqua/care walk will change the assist/resist level. Adjuster l'intensité en mode d'assistance/résistance/rythme lent changera le niveau d'assistance/résistance.
For more accurate results, please maintain a distance less than 1.5m (4.9ft) between your phone and the device. Pour des résultats plus précis, veuillez maintenir une distance inférieure à 1,5 m (4,9 ft) entre votre téléphone et l'appareil.
Using rest mode while seated can help prevent unintended device movements. Utiliser le mode repos en position assise peut aider à prévenir les mouvements non intentionnels de l'appareil.
This device is designed for walking exercises. If you excessively lift your legs or run, it will switch to rest mode for safety reasons. Cet appareil est conçu pour les exercices de marche. Si vous soulevez excessivement vos jambes ou courez, il passera en mode repos pour des raisons de sécurité.
This device does not assist with sitting down or standing up. Cet appareil n'assiste pas pour s'asseoir ou se lever.
Check the washing and care instructions to maintain the device. Vérifiez les instructions de lavage et d'entretien pour maintenir l'appareil en bon état.
Make sure the device is turned off when not in use, as the battery may drain. Assurez-vous que l'appareil est éteint lorsqu'il n'est pas utilisé, car la batterie pourrait se décharger

2. Device Specifications

Category	Content	
Model No.	WIM®/ WIR-WIM-KRA	
Components	Main device (includes a battery) Waist strap (1 each in S/M sizes) Leg straps (1 set each in S/M sizes) Frame bands (2 sets) User manual Pouch	
Specs	Weight	1.6 kg (3.6 lb)
	Color	Dark Gray
	Size(Folded)	21.7 cm (W) x 11 cm (D) x 5.5 cm (H) (8.5" x 4.3" x 2.2")
	Operating Time	Air/Care walk: 2 hours Aqua walk : Unlimited
	Max. Torque	6 Nm
	Charging Time	2 hours (30 W (16.8 V, 1.7 A))
	Charging Voltage	5-20 V (30 W PD Charger)
	Power	220 V, 60 Hz
	Battery	Lithium-ion (14.4 Vd.c., 3.35 Ah)
Warranty	Free	1-year from the purchase date
	Paid	5-year parts retention period
Consumable Lifespan	Battery	1 year (300 charge cycles)
	Straps	1 year
	Motor	10,000 hours

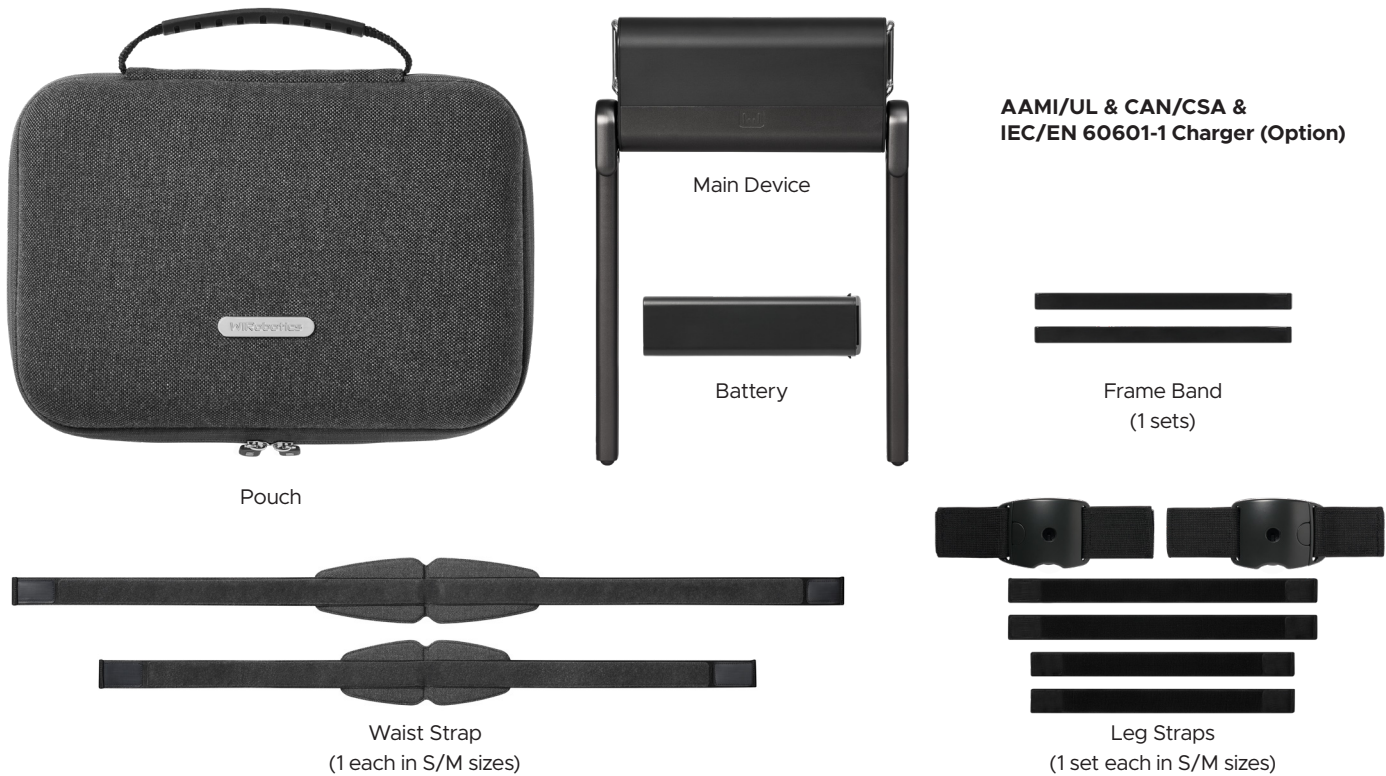
Category	Content
App	Android / iOS
	Check activity records via app
Certification	KC, SRRC, PSE, TELE-MIC, CE/CB, cMETus, RoHS, IP54, ESS-RCM, FCC/IC, UN38.3

Category	Content
Main Device	Aluminum alloy, PC-ABS, PC-GF30, ABS flame retardant V-0
Waist Strap	Polyester, Nylon, Acrylic, Cotton
Leg Straps	Nylon

Category	Content
Manufacturer	WIRobotics Inc.
Country of Origin	Made in Korea
Contact Us	Please contact the place of purchase

3. Device Components

*Components may change for device improvement.
The images are for reference and may differ from the actual device.



4. Device Description

The images are for reference and may differ from the actual device.

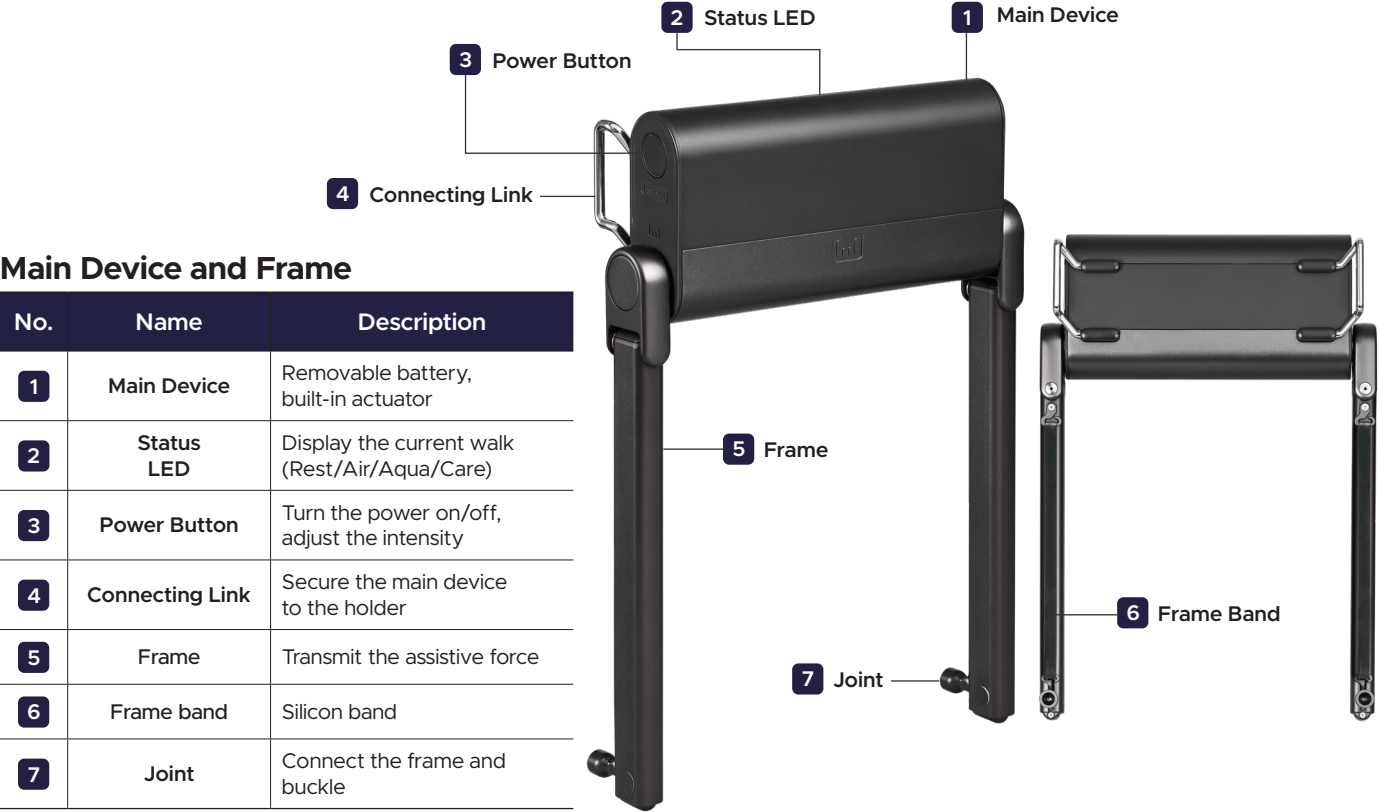
Appearance and Components

	Category	Description
1	Main Device	Include power button, battery, and actuator
2	Waist Strap (S/M sizes)	Secure WIM® to the user's waist
3	Frame	Transmit the assistive force
4	Leg Straps (S/M sizes)	Secure WIM® to the user's legs



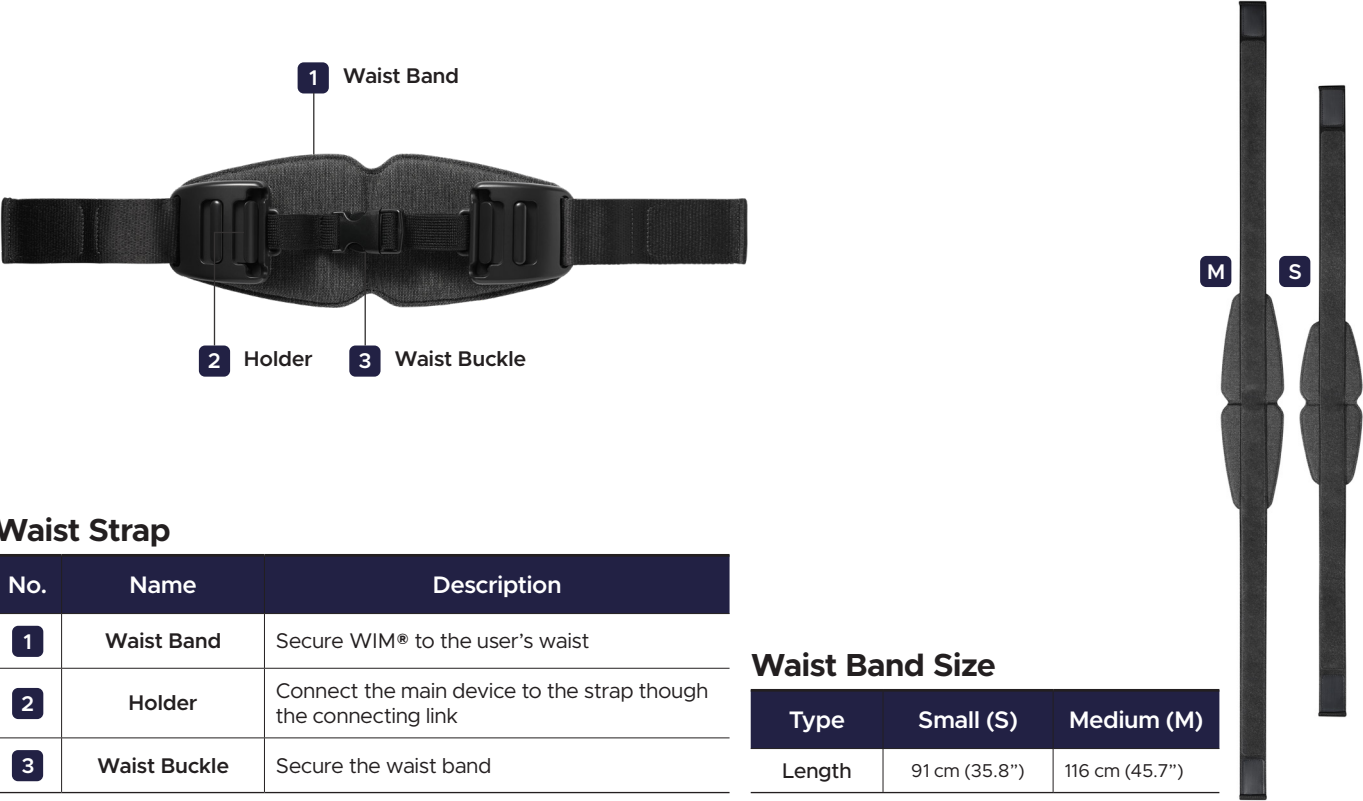
4. Device Description

*Components may change for device improvement.
The images are for reference and may differ from the actual device.



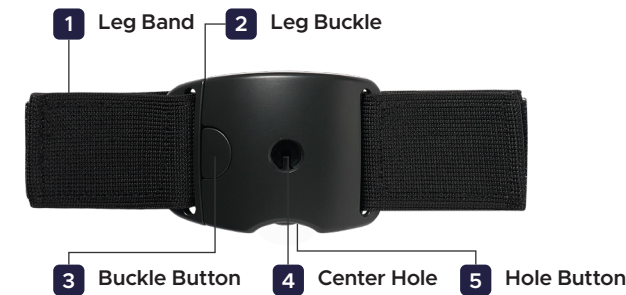
4. Device Description

The images are for reference and may differ from the actual device.



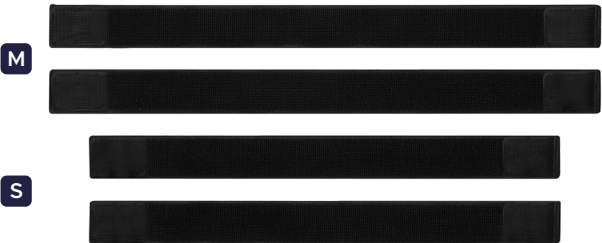
4. Device Description

*Components may change for device improvement.
The images are for reference and may differ from the actual device.



Main Device and Frame

No.	Name	Description
1	Leg Band	Fasten the leg strap around the user's leg
2	Leg Buckle	Attach the leg band
3	Buckle Button	Detach the leg band
4	Center Hole	Connect the frame joint and leg strap
5	Hole Button	Button to attach or release the joint



Leg Band Size

Type	Small (S)	Medium (M)
Length	49 cm (19.3")	59 cm (23.2")

5. Purpose of Use

- WIM® is a walking assistive device.
- WIM® is designed to be worn over clothing on the user's waist and legs, providing assistive force to aid walking and resistive force to strengthen lower body muscles.
- With WIM®, the user can receive assistive force to maintain an energetic walk with a wide stride and proper posture or resistive force to improve muscle strength.
- WIM App analyzes the user's walking ability and visually displays relevant scores. This helps the user understand the individual's overall condition or efficiency, providing the motivation to continue regular workouts.
- WIM® and the app are useful tools for efficiently conducting a walking exercise program.



- Please be aware that WIM® is not a medical device.
- WIM® is an assistive device designed to support walking exercises, not for therapeutic purposes.

6. Intended Users

Individual users	① Those who are capable of independent walking outdoors ② Those with balance, strength, or mobility issues, the following should apply: • Able to perform 5 times sit-to-stand within 15 seconds • Able to walk 4m within 5 seconds ③ Those who have not experienced a fall in the last 6 months
Individuals with a caregiver	① Those with balance, strength, or mobility issues, the following should apply: • Able to perform 5 times sit-to-stand within 30 seconds • Able to walk 4m within 10 seconds ② Those with relatively high risk of falling (refer to the fall risk scale by Huhn) • Those who have experienced a fall within the past 6 months • Those suspected of cognitive impairments (e.g., dementia, depression) • Those taking medications affecting the mind (e.g., antidepressants, tranquilizers, or sleep aids) • Those experiencing symptoms like dizziness, orthostatic hypotension, or postprandial hypotension ③ Those who cannot wear the device independently due to impaired hand function
Ineligible users	① Those advised by doctors to avoid any active exercises ② Those with complete paralysis of the lower limbs ③ Those with spasticity due to central nervous system disorders ④ Those who have experienced multiple falls ⑤ Those with severe contractures or physical deformities in the lower limbs (e.g., bowlegs, knock knees, figure-eight gait, rotational gait, etc.) ⑥ Those with a height below 145cm (4'9") ⑦ Those who are infants, toddlers, or adolescents, rather than adults

6. Eligibility Criteria For Reference

4 m Gait Speed	0 - 5 seconds	5 – 10 seconds	Over 10 seconds
Individual users	O	X	X
Individuals with a caregiver	O	O	X

5 Times Sit-to-Stand	0 - 5 seconds	15 – 30 seconds	Over 30 seconds
Individual users	O	X	X
Individuals with a caregiver	O	O	X

Other criteria	Use of Assistive Devices	Impaired Hand Function	Fall Experience (within 6 months)
Individual users	X	X	X
Individuals with a caregiver	O	O	O

* If the user uses any assistive devices, has impaired hand function, or has had a recent fall, WIM® must be used with a caregiver.

7. Recommended Environments

- WIM® is suitable for indoor and outdoor walking paths and hiking trails.
- Indoor and outdoor walking paths refer to the following walking environments, including straight paths, curved paths, inclines, and stairways:
 - Park trails, fitness center tracks / Welfare centers, nursing homes, senior town walkways / Hiking trails
- With IP54 rating, WIM® can be used in light rain or snowy conditions.
After using in the rain, be sure to remove the battery and dry it thoroughly before using it again.
* Please be cautious of slippery surfaces and risk of falling when using WIM in such conditions.
- Recommended conditions for use
 - Temperature : 15 ~ 35 °C
 - Humidity : 25~75 % RH (non-condensing)
 - Atmospheric pressure range : 860 ~ 1,060 hPa
- Storage Limit
 - Temperature : -20 ~ 45 °C
 - Humidity : 15~90 % RH (non-condensing)
 - Atmospheric pressure range : 700 ~ 1,060 hPa



Be cautious in environments where you might risk falling or colliding with other individuals or objects. Pay extra attention on steep or slippery surfaces.

- Crowded area or places with obstacles that hinder smooth walking
- Slippery or unstable ground, and steep slopes or uneven terrain that increases the risk of falling

II. How to Use

1. Application
2. Wearing WIM
3. Exercise with WIM®
4. Taking off & Replacing Parts
5. Storage
6. Maintenance
7. Charging



The images are for reference and may differ from the actual device.

1. App

A. Download app

Search 'WIROBOTICS' on Google Play Store or App Store.

After installing the app, create an account through your SNS account.

- 1) Please power on WIM® after properly wearing it.
- 2) Open the WIM app and connect to your phone via Bluetooth.

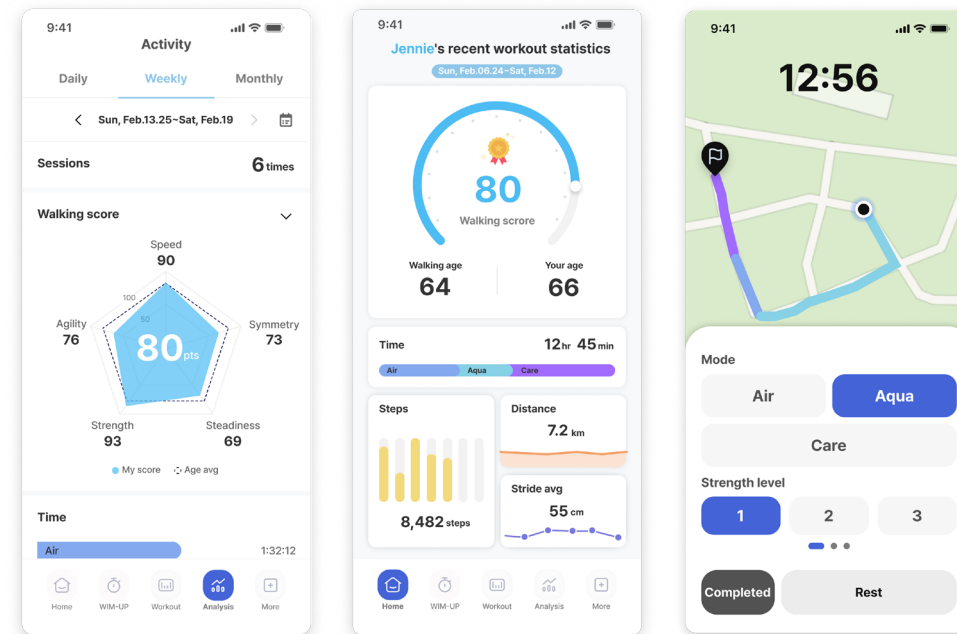


B. App guide (How to use WIM® app)



1. App

- Connect WIM® with the app to efficiently manage your walking exercise.
- You can view average walking scores and exercise data at a glance.
- Check out the exclusive walking analysis data available only with WIM®.



2. Wearing WIM®

The images are for reference and may differ from the actual device.

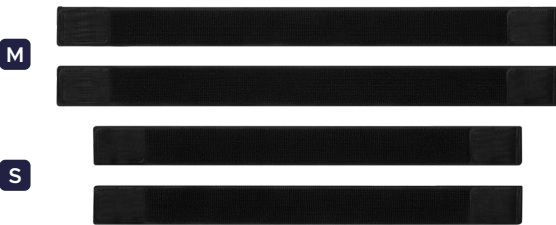
A. Setup

1) Choose the waist band size



S Size: Waist circumference 66 ~ 76cm (26~30")
M Size: Waist circumference 71 ~ 91cm (28~36")
* If the waist band does not fit, try different band size.

2) Choose the leg band size



* If the leg band does not fit, try different band size

2. Wearing WIM®

The images are for reference and may differ from the actual device.

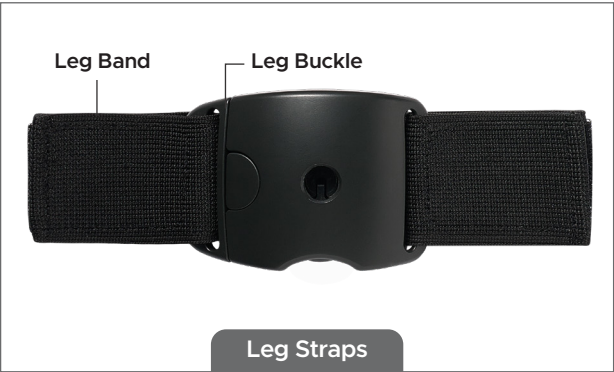
A. Setup

3) Connect the waist band to the holder



Prepare it as shown in the image.

4) Connect the leg band to the leg buckle



Ensure that the leg buckle is positioned towards the outside of the knee.

2. Wearing WIM®

The images are for reference and may differ from the actual device.

A. Setup

5) Connect the joint to the center hole of the leg strap



Insert the joint to the center hole of the leg strap. Make sure you hear a “click” sound and that the hole button has popped out. Press the hole button to release it.

Incorrect example



If the hole button is popped out or the center hole is not fully open, the joint will not be properly secured.

2. Wearing WIM®

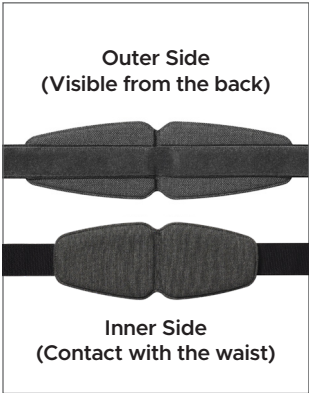
The images are for reference and may differ from the actual device.

B. Waist Strap



Incorrect wearing of the waist strap may cause injury or device malfunction.
Make sure there is no discomfort before using the device.

- 1) Check the sides of the waist strap. Make sure the outer side faces outward when viewed from the back.
- 2) Place the waist strap at the belt position (above the hip bones).
- 3) Make sure the buckle is centered, then fasten the buckle.
- 4) Adjust the size of the waist band using the velcro to fit your waist.



2. Wearing WIM®

The images are for reference and may differ from the actual device.

B. Waist Strap



Incorrect wearing of the waist strap may cause injury or device malfunction.
Make sure there is no discomfort before using the device.

- 1) Make sure the buckle is centered and not off to either side.
- 2) If the waist strap slips down, tighten it using the velcro.
- 3) Adjust the size so the waist strap does not press too tightly on your abdomen.



2. Wearing WIM®

The images are for reference and may differ from the actual device.

C. Attaching Main Device



If the main device is not properly secured, it may detach during walking.
This may cause injury or damage to the device. Make sure it is firmly attached.

- 1) Secure the main device's connecting link to the waist strap holder. (Make sure you hear a click and ensure the holder slider is completely retracted.)



- 2) Check the main device is centered on your body.



2. Wearing WIM®

The images are for reference and may differ from the actual device.

C. Attaching Main Device (Incorrect Example)



If the main device is not properly secured, it may detach during walking.
This may cause injury or damage to the device. Make sure it is firmly attached.

- 1) Please make sure that the connecting link is properly engaged with the holder.
- 2) Make sure that the main device has not slipped.



Disengaged connecting link



Main device excessively slipped

2. Wearing WIM®

The images are for reference and may differ from the actual device.

D. Leg Straps



Incorrect wearing of the leg straps may cause injury or device malfunction.
Make sure there is no discomfort before using the device.

- 1) Make sure the leg straps are correctly oriented.
- 2) Place the leg bands 4~5cm (1.6 ~ 2.0") above the knees (approx. the width of 4 fingers).
- 3) Fasten the leg buckles to secure it around your legs.
- 4) Adjust the size using the velcro on the leg bands.



2. Wearing WIM®

The images are for reference and may differ from the actual device.

D. Leg Straps (Incorrect Example)



Incorrect wearing of the leg straps may cause injury or device malfunction.
Make sure there is no discomfort before using the device.

- 1) Ensure the frame is not excessively extended
- 2) If the leg straps are too loose, adjust the straps tightly using the velcro.
- 3) Always make sure that the buckles are securely fastened (disengaged buckles may cause injury).
- 4) Make sure the buckles are centered and properly aligned.



Excessively extended frame, loose leg strap, and tilted buckle



Disengaged buckles

2. Wearing WIM®

E. After-Wearing Check

Before beginning an exercise, double-check the followings:

- The main device, waist and leg straps are properly aligned with your body.
- The main device is securely attached to the waist strap.
- The Velcro on the waist and leg straps are firmly fastened.
- The frames are tightly connected to the leg straps.
- The buckles on the leg straps are facing the outside and properly fastened.
- The battery is above 20 % (check the circular LED on the battery's side)

Battery Level	Check the Side LED
60 % - 100 %	 Green LED
20 % - 60 %	 Blue LED
0 % - 20 %	 Red LED

*While the battery is connected to the charger, the LED will turn white when it is fully charged.

3. Exercise with WIM®

Power On / Off



Power on WIM® after properly wearing the device. Failure to do so may result in injury.

- 1) Press the power button on the side of the main device.
- 2) The device will play a sound, and the status indicator LED will turn green.
- 3) To turn off WIM®, press and hold the button for 2 seconds.

Mode	Description
Rest	For resting purposes, this mode stops generating torque.
Air walk	This mode reduces the load on lower limb muscles or expands the range of joint motion, making it easier to maintain proper walking posture—a wide stride and an upright, energetic, dynamic movement instead of a narrow, slow gait. This improves walking posture, reduces energy consumption by 10 - 20%, and increases workout duration.
Aqua walk	This mode increases muscle load by approximately 10 - 30% and exercise intensity by applying resistance in the opposite direction of walking to strengthen lower limb muscles.
Care walk	This mode is designed for users who walk slowly and have a short stride. It can be used in place of Air walk mode by those whose walking speed is 2.5km/h (1.57 mph) or less, or whose stride length is 38cm (1.25') or shorter. If there is limited hip movement and other modes do not provide sufficient support, this mode can be tried first to help increase stride length and walking speed.

*Values may vary depending on conditions.

3. Exercise with WIM®

- Switching modes while walking may cause injury or device malfunction. Be sure to stop walking before changing modes.
- When switching to Aqua walk, you may feel resistance in your legs, which can cause foot dragging. Please take extra care to walk safely.
- The mode may vary depending on the model*

Status Indicator LED

Yellow LED

Rest

Blue LED

Air walk

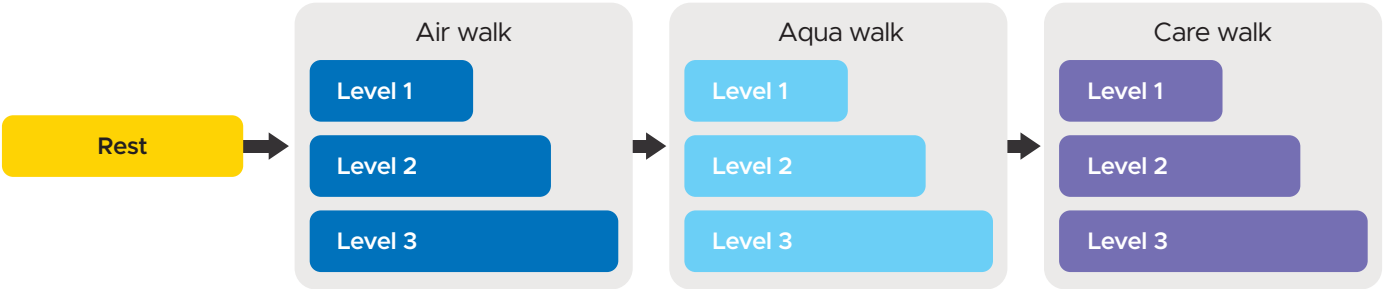
Sky-blue LED

Aqua walk

Purple LED

Care walk

- The default mode is set to ● Rest when the device is on.
- Press the power button once to change modes.
● Rest → ● Air walk → ● Aqua walk → ● Care walk
- Double-press the power button to adjust the intensity.



4. Taking off & Replacing Parts

The images are for reference
and may differ from the actual device.



- Make sure the power is off before detaching the device. Failure to do so may result in injury.
- Hold the main device with one hand to prevent it from falling and detach it side by side.

- 1) Press and hold the button for 2 seconds to turn off WIM®.
- 2) Press the buckle buttons to release the leg straps.
- 3) Pull the holder slider on the waist strap outward to detach the main device. Do this one side at a time.
- 4) Unfasten the waist buckle to take off the waist strap.

1) Turn off WIM®

2) Press the buckle buttons
to release the leg straps.

3) Pull the holder slider on
the waist strap outward
to detach the main device.
Do this one side at a time.

4) Take off the waist strap



WIRobotics
WE INNOVATE

5. Storage

The images are for reference and may differ from the actual device.



Make sure WIM® is powered off when not in use. The battery may drain.

- 1) Press the hole button to detach the leg strap from the frame.
- 2) Fold both sides of frame toward the main device (see the image below).
- 3) Store the main device, waist strap, and leg straps in the pouch.



6. Maintenance



Make sure you check the washing instructions for each material.
Please refer to the care labels for information on the materials and care guidelines.

Part	Material		Care Instructions
Waist Strap	Webbing	Polyester 100 %	- Wash at or below 86 °F / 30 °C - Hand wash recommended - Machine wash on a gentle cycle - Use a natural detergent (Do not bleach) - Do not dry clean - Dry in the shade - Hang to dry
	Velcro	Nylon 100 %	
	Outer Fabric	Acrylic 100 %	
	Lining	Cotton 90 %, Acrylic 10 %	
Leg (Thigh) Straps	Elastic Band	Nylon 100 %	
	Velcro		

7. Charging & Battery

The images are for reference and may differ from the actual device.

⚠ Charging



- Check the battery percentage before and after the workout. Recharge if necessary. If the battery runs out during exercise, it may cause injury.
- Use only the provided USB-PD adapter. Using a different charger could damage the device.

Charge the device with the provided USB-PD adaptor. When it is fully charged, the LED will turn white. Charging fully takes up to 2 hours.



Connect the Charger

Battery Level	Check the Side LED
60% - 100%	● Green LED
20% - 60%	● Blue LED
0% - 20%	● Red LED

⚠ Battery

- 1) Do not handle with wet hands when replacing the battery.

2) Be careful not to change the polarity.

3) Do not disassemble or modify the battery by yourself.

4) Do not heat the battery or put it in a fire.

5) Do not use the battery for any other device or purpose.

6) Do not apply impact to the battery.
- 7) Use only original WIRobotics batteries that meet the specifications.

8) Do not remove the battery during operation.

9) Place the end-of-life battery in the designated collection bin.

10) If the battery drains quickly, replace it with a new one.

11) If the device will not be used for an extended period, remove the battery.



The images are for reference and may differ from the actual device.

III. Customer Service

1. Troubleshooting
2. List of Additional Accessories
3. Device Warranty

1. Troubleshooting

! A. App Notifications

Problem	Message	Possible Cause	Solution
Received The following notifications.	Exceeded joint angle limit. (0x1000)	• Climbed more than two stairs at once while in Air / Aqua / Care Walk. • Detected excessive spread of legs while in Air / Aqua / Care Walk.	Stand up straight and properly fasten the leg straps. Restart the device to proceed workout with any mode at your usual walking angle.
	Exceeded joint angle limit. (0x8000)	• Detected a sudden leg strap detachment while Air / Aqua / Care Walk. • The leg straps and frame are not properly secured while in Air / Aqua / Care Walk.	Properly secure the frames and leg straps. Restart the device to resume any mode. *To remove the device, switch to the rest mode for your safety.
	Device temperature high. Intensity set to level 1. (0x6000)	• Detected high device temperature.	This message indicates that the intensity has been reduced to level 1 to prevent further device temperature increase. However, you can continue to use all the modes at level 1 intensity.
	Device temperature too high. Stop use. (0x9000)	• Detected excessively high device temperature.	For safety, please stop using the device until the temperature decreases.

! B. Other Issues

Possible Cause	Solution
The device joint does not move.	Avoid applying excessive force to the device. Turn it off and remove it from your body. Gently move the joints, and if the issue persists or recurs, please contact customer service for further assistance.
The device, frame, or straps are damaged.	For any damaged components, please replace them before use.
Cannot connect the device and phone.	Try the followings with your phone : • Make sure that Bluetooth is enabled. • Close the app and restart it. • Restart your phone and try again. Try the followings with the device : • Restart the device. • If the battery is low, recharge it before use. If the problem persists or recurs, please contact customer service.
The device's assist level is either too strong or not noticeable.	Try the followings with your phone : • Check whether WIM® app indicates “Air”, “Aqua” or “Care” • Restart your phone and try again. Try the followings with the device : • Restart the device. • If the battery is low, recharge it before use. If the problem persists or recurs, please contact customer service.
The assist power suddenly stops during operation. The device powers off without any apparent reasons.	Turn off the device and detach the device. Restart the device, or if the battery is low, recharge it before use. If the problem persists, please contact customer service.

2. List of Additional Accessories

The following additional accessories can be purchased on the website.

Accessory	Type
Waist Strap	1 Set
	Waist Band
Leg Straps	1 Set
	Leg Band
Frame Band	1 Set
Suspenders	1 Strap
Battery	1 Battery

3. Device Warranty

Warranty Disclaimer

- 1) This device is manufactured under strict quality control and inspection processes.
- 2) WiRobotics offers the following warranty:
- 3) Free warranty : 2 years from the purchase date paid warranty: parts retention period for 5 years
- 4) The serial number for the device is required to open a service request.
- 5) The terms of this warranty and after-sales service policy may vary depending on the country of sale and the supplier's policies. For more details, please contact your place of purchase.
- 6) Register your device on the WIRobotics website immediately after purchase.

Device	WIM®
Model Name	WIR-WIM-KRA
Serial No.	Refer to the label on the back of the device.
Purchase Date	
Store Name	
Customer Name	
Address	

3. Device Warranty

A. Limited Warranty

1) Performance or functional defects that arise from normal use

Damage Type	1-Year Free Service	Parts Retention Period 5-Year Parts Retention Period
Defects caused by the manufacturer	Free service	Fees applied
Defects in the device		
Damage caused during shipping or installation		
Required repairs due to performance or Functional defects that arise from normal use		

3. Device Warranty

B. Paid Service

1) Services will be subject to fees once the warranty has expired.

2) Any failure of the device caused by the customers

Defects or damage due to mishandling or improper repair	Fees Applied
Defects or damage due to user's misuse (excessive operation, etc.)	
Defects or damage due to external impact or dropping	
Defects or damage due to using unauthorized accessories	
Defects or damage due to repair by other than authorized service centers	
Defects or damage due to improper storage or use for other than the intended purpose.	

3) Others

Defects or damage caused by natural disasters	Fees Applied
Unrepairable	Fees Applied for Device Exchange

