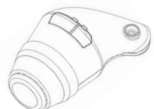
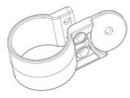


## Product composition

WHEELSWING VOLT1 consists of the generator body, bracket, crescent, rubber ring, rubber pad, bolt/nut, and installation guide.



Generator body



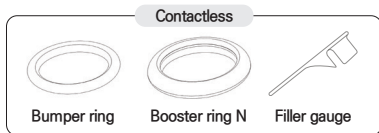
Bracket



Crescent P



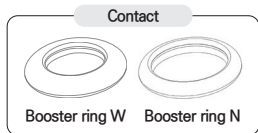
Crescent R



Bumper ring

Booster ring N

Filler gauge



Booster ring W

Booster ring N



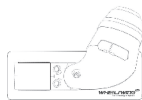
Rubber pad S



Rubber pad R



Bolt/Nut



Installation guide

### The Generator thats right for your bike.

For more information on the installation method and other details, visit our website.



Website



YouTube



Customer Center



## Product specification and C/S

### ● [Contactless] Product specifications

Product Name	Contactless battery built-in type bike generator	Contactless direct charging type bike generator
Model Name	WHEELSWING VOLT1-NCB	WHEELSWING VOLT1-NCD
Size	148X134X67.5mm (5.8X5.2X2.6X in)	148X134X67.5mm (5.8X5.2X2.6X in)
Weight	390g (0.85lb)	365g (0.8lb)
Material	PC, rubber, silicone, etc.	PC, rubber, silicone, etc.
Capacity	USB2.0 (5V,500mAh output)	USB2.0 (5V,500mAh output)
Battery	Li-ion battery 1,000mAh	-

### ● [Contact] Product specifications

Product Name	Contact battery built-in type bike generator	Contact direct charging type bike generator
Model Name	WHEELSWING VOLT1-CB	WHEELSWING VOLT1-CD
Size	148X134X67.5mm (5.8X5.2X2.6X in)	148X134X67.5mm (5.8X5.2X2.6X in)
Weight	345g (0.76lb)	320g (0.7lb)
Material	PC, rubber, silicone, etc.	PC, rubber, silicone, etc.
Capacity	USB2.0 (5V,500mAh output)	USB2.0 (5V,500mAh output)
Battery	Li-ion battery 1,000mAh	-

### ● Common

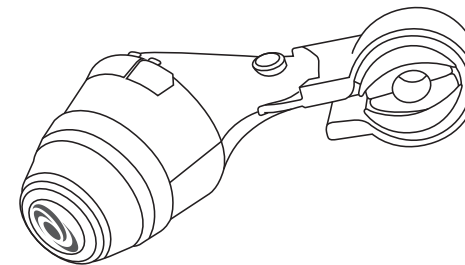
Manufacturer	WITHUS & EARTH Co., Ltd.	Warranty period	within 1 year after purchase
Country of Origin	Republic of Korea	Customer Center	Tel : +82-53-213-8802
Manufacturing date	Separately indicated		E-mail : service@wus.co.kr

### ● C/S regulation

- 1) Product failure occurring within the warranty period under normal use, as outlined in the user manual, makes you eligible for free repair.
- 2) Even within the warranty period, repair fees are still incurred in the following cases.
  - 1) Breakdown and damage due to misuse, improper repair, disassembly, or modification
  - 2) Failure or damage due to transportation or dropping the product after purchase
  - 3) Failure and damage due to natural factors such as fire, earthquakes, floods, lightning, and pollution
  - 4) Damage caused by external factors when used in a manner not described in the user manual
  - 5) Breakdown and damage caused when used for purposes that it was not made for

● If you would like to make a request for repair, please contact the customer center.

● This warranty is only valid in the country and region of purchase.



# WHEELSWING VOLT 1 User Manual

For Users



## Important safety and product information

- ❶ To obtain information on installation and adjustment of products not included in the user manual, Please contact the customer center. (Refer to Page 5 "Product specification and C/S")
- ❷ For safety, please read the user manual carefully before using the product and follow it for correct use.
- ❸ **Caution and Prohibition:** Users of pacemakers and implantable cardiac defibrillators should not move or use this bicycle generator near the heart as the magnetic field of the bicycle generator can cause the failure of these medical devices.

### Warning

Failure to pay attention to the following may result in unexpected damage due to incorrect usage.

- Do not disassemble, modify, reassemble, break, or damage this product.
- Before boarding, make sure that the product is securely fixed to the side of the wheel and that the bolts are fully tightened. If the product becomes loose and is caught between the spokes or the frame and the wheels, serious injury may occur.
- After reading the user manual, keep it in a safe place for future reference.
- Do not overtighten the screws during the installation process. The bracket or product connection may be damaged.
- This product is a 5V, 500mAh output product. Do not connect products with high voltage and current to the input or output USB ports. It may cause a malfunction.

### Warning

Failure to pay attention to the following may result in personal injury, property damage, or adversely affect the function of the device.

- Be sure to read all instructions carefully before installing any part.
- Do not leave the product in a hot place such as a heat source or a vehicle parked under direct sunlight. To avoid damage to the product, remove it from the vehicle or store it out of direct sunlight.
- Do not drop the product from high places. It may cause problems with product functionality. Before boarding, please check whether the alignment between the body and the wheels is correct. If the alignment is not correct, the amount of power generation may be small or not possible.
- We do not guarantee the loss of functionality due to normal wear and tear of the product over time and daily use.
- This product has a waterproof function (IPx5), but damage caused by flooding is not guaranteed. Do not immerse the product in water or wash it with high pressure water.
- This product can be used even on rainy days but be careful not to get water into the USB terminal.
- If you have any problems with maintenance or use, please contact the customer center.



# WHEELSWING VOLT 1 User Manual

[ Please read before using the product! ]

- ❶ This manual has been produced as of the present, and there may be technical or editorial errors or omissions.
- ❷ For product performance improvement, product changes may be made without notice to the user.
- ❸ Electricity production may vary depending on the driving speed and driving conditions of the bike. Please note this.

[ Installation vehicle model information ]

Contactless	Contact
Rim brake bikes spinning / fitness bikes	All bikes spinning / fitness bikes

### Online manual QR code



Would you like to know the detailed installation method of WITHUS&EARTH WHEELSWING?  
Scan the QR code right now!

## Quality assurance certificate

\* Product model name

NCB  NCD  CB  CD

\* Product code

WUSVOLT1 \_\_\_\_\_

\* Customer name

\* Address

\* Email or phone number

\* Purchase date (year/month/day)

\* Where to buy

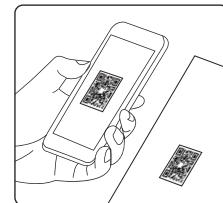
## Product Registration

Within two weeks after purchasing the product, scan the QR code on the customer center in the manual, add KakaoTalk Plus Friend [WHEELSWING] as a friend, and then register the product.

Take the above [Quality assurance certificate] and send the picture once completed.

Customer benefits upon product registration

- Free C/S for 1 year after purchase
- Notify when new information is updated
- Provide customer convenience service



## [Crescent Rubber Usage]



>

>



- **Install the crescent rubber between the seat-stay and the bracket as shown in the picture on the right.**
- **The crescent rubber is used to install the product on rear wheel seat stays**
- **The rectangular rubber pads improve the absorption of friction and vibration**
- **The rubber prevents the product from becoming loose through severe road vibration or sudden impacts**

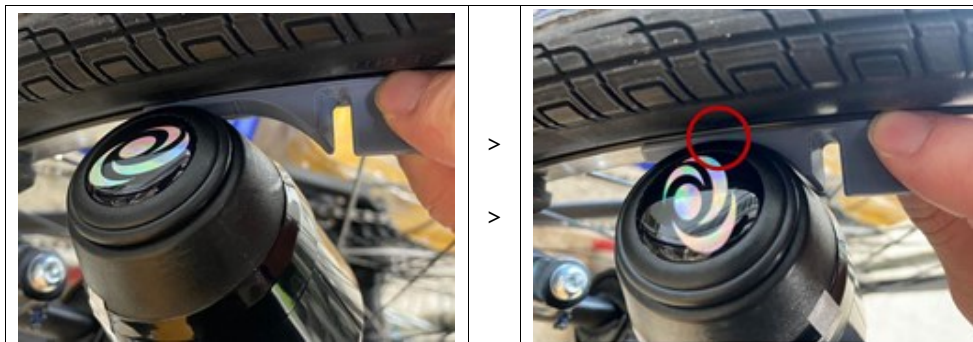
# [How to use the Gap Gauge]

## 1. Preparing to use the gauge



Mount the bracket and attach the product to the bracket ▶ Align the gauge from the rim and tire boundary

## 2. Product and rim distance is gauge thickness



Place the gauge between the product and the rim. ▶ Put the product in close contact with the gauge

## 3. Close contactless head to gauge



Follow the installation guide and use the gauge as shown in the picture.

## 4. Precise positioning



Align the gauge and head as shown in the picture.