

P715

Quick Start Guide



⚠ warning

- Before first use, please charge and wake up the power meter pedals product.
- Before installing the product, please carefully read the quick use guide and precautions.
- Please strictly follow the quick use guide for installation operation. Incorrect installation may cause safety accidents and personal injury
- It can also cause human damage to the product, making it unable to be used properly and covered by warranty
- We suggest that you seek professional technicians for installation.
- Before starting to use this product, please ensure that you have mastered the correct use of pedals locking and unlocking to avoid zero speed falls.
- Before starting to ride, please carefully check whether the locking force of the pedals meets the requirements. It is recommended to adjust it to a comfortable tension before riding.
- It is prohibited to replace third-party pedals without authorization, as this may cause human damage to the product, rendering it unusable and covered by warranty;

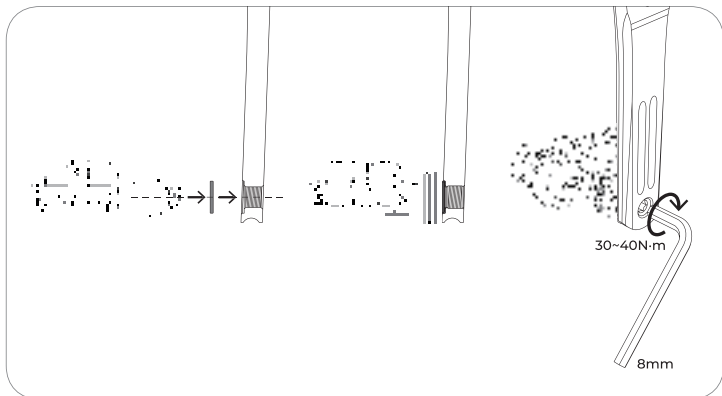
► Accessories

Power Meter Pedals X2, Crank washer X2, Charging cable X1, KEO lock plate X2, Quick use guide X1

► Pedals installation

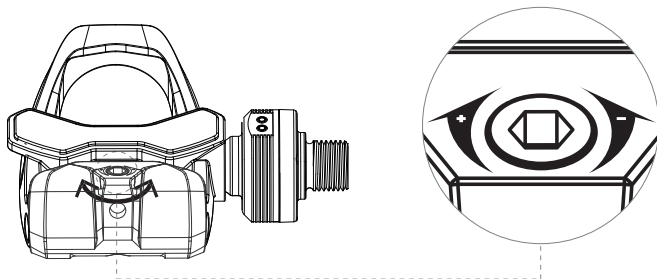
1. Before installation, clean the crankshaft threaded hole and apply a small amount of lubricating grease. Before applying new grease, use a cloth or brush to remove the old grease.
2. Install the left foot counterclockwise and the right foot clockwise. Improper installation may damage your pedals or crankshaft threads.
3. When installing the pedals, one or two crank washers must be used to ensure that there is at least 1 ohm of free space between the power meter module and the crank arm. When tightening the pedals, if the power meter module is pressed onto the crank arm, it may damage the power meter module.
4. It is recommended to use a torque wrench with an 8mm hex head for installation, which can ensure the accuracy of power precision.
5. The recommended tightening torque is 30 ~40N · m. If the crankshaft manufacturer has installation torque requirements, please install according to the indicated torque.

⚠ Warning: Do not directly tighten and install the power meter module by holding it in hand, otherwise it may damage the power meter module.



► Pedals locking tension adjustment

During use, if you feel that the factory preset locking tension of the pedals is not appropriate, you can adjust the tension according to your personal usage habits. Use a 3mm hex wrench to adjust the tension of the foot pedal according to the marked direction. Clockwise direction increases the tension, counterclockwise direction decreases the tension, and repeatedly adjust to the tension value that suits you.



► Technical Parameters

Model	P0123321
Power accuracy	± 1%
Power supply method	built-in lithium battery
Battery life	120H
Charging method	Magnetic charging
Wireless interface	ANT+ / Bluetooth
Waterproof rating	IPX7
Power range	0-2500W
Tap frequency range	20-240 revolutions per minute
Working environment	-20~50 °C
Zero point calibration	Yes
Maximum bearing capacity	120kg
Lock pedal compatibility	KEO

► Activate the device

- Magene power meter pedals must be charged and activated before first use, otherwise it cannot be used normally.
- Please download the 'Mangene Utility' from the app store to activate the product.

⚠ Attention: If activation fails, please click back to enter the device search list and reconnect to activate



迈金骑行



迈金助手

► Connect power meter equipment

1. After waking up the power meter pedals, the blue LED indicator light will slowly flash, indicating that the left power meter is searching for the right side;
 2. After successful connection on both sides, the blue light will remain on for 30 seconds;
 3. The left power meter will remain on for 30 seconds when connected to Bluetooth enabled devices such as mobile phones.
- When the blue LED indicator light flashes, it indicates that the power meter is connecting to the device. When the blue LED indicator light is constantly on, it indicates that the power meter has successfully connected to the device.
 - The Mangene power meter is a Bluetooth and ANT+dual protocol power meter that is compatible with ANT+and Bluetooth devices that support standard power protocols some devices can view and record the data measured by the power meter.
 - Usually, for code table products, you can search for and add power meter devices by (Settings>Sensors>Add Sensor >Power Meter).
 - Please refer to the user manual of the device you are using for specific steps.

► Zero point calibration

- Zero calibration will reset the zero point of the power meter. After the initial installation, zero calibration operation must be carried out, otherwise it will affect the power accuracy.
- After correct installation, please ride vigorously a few times to release stress, and then use ANT+code table or mobile phone "Magine Utility "for calibration.

► Charge the power meter

- When the red LED indicator flashes once every 10 seconds, or you find that the power meter cannot search for connections, it may be that the power meter battery has been depleted. Please charge it as soon as possible.

► Charging steps

- Ensure that the charging cable is securely connected to the power plug, charging head, and charging port
- Fixed firmly, the green LED indicator light will light up and start flashing. When the device battery is fully charged, the green LED indicator light stays on for 5 seconds before turning off.

⚠ Warning: Only use a USB adapter with an output voltage of 5V for charging. Excessive voltage can cause product damage. At the same time, when powered on, please do not short circuit or contact the charging head with metal.



► **Precautions and daily inspections**

Matters needing attention:

1. Do not use high-pressure water spray to rinse the power module when cleaning the bicycle.
2. The power meter pedals module is designed to prevent splashing, please do not immerse the power meter module in water.
3. Do not subject the power meter module to severe impact, as this may cause the power meter module to detach or the strain gauge to fail.
4. Before each ride, check if the pedals and locking plates are functioning properly. If the locking plate is severely worn, it may lead to safety accidents.
5. Before starting the ride, please check that the distance between the shoes and the power meter module is at least 2 millimeters. If the power meter module comes into contact with the sole, shoe upper, or locking plate, do not use the product as it may damage the power meter module and void the warranty.
6. Do not attempt to open or disassemble the foot pedal body and power meter module, as you may damage the sensor and void the warranty.
7. When cleaning, please use neutral detergent. Using alkaline detergent or diluent may shorten the service life of the power module housing.
8. The power meter module uses a 2.4G wireless communication system, and objects or surrounding signal environments may cause interference to communication. If found, please test again in an open area. Objects and environments may generate strong electromagnetic waves and interference, which can lead to erroneous measurements.
9. Natural wear and performance degradation caused by normal use and aging are not covered by the warranty.
10. Do not use or store for a long time in high temperature or humid places (such as placing in enclosed vehicles during high temperature weather, or heating electrical surroundings such as heaters and electric heaters).

► **Daily check items before cycling**

· Before cycling, check the items listed below. If there are any abnormalities, it is recommended to seek the help of professional technicians for maintenance and debugging.

- Is the fastening part secure?
- Does the pedal body have a frame quantity?
- Has the locking plate been severely worn out?
- Is there any collision on the power meter module?
- Is there any abnormal noise?
- Is the battery level sufficient?
- Has zero offset calibration been performed?

► Warranty Terms

Thank you for purchasing a Magene Power Meter. Please read the following terms carefully to ensure that the product is covered by a valid warranty.

Repair, Replacement, and Return:

This product has undergone strict quality inspection. Any product quality issues caused by normal use during the warranty period, please contact the seller for warranty. The product warranty period is 2 years for the power meter module and 1 year for the pedal from the date of activation. For inactive products, the warranty period is based on the purchase date. If there is no purchase date, the warranty period is based on the date of manufacture. The following situations are not covered by the warranty:

1. The warranty period has expired.
2. Any damage caused by improper use, maintenance, and storage.
3. Damage to the product caused by failure to use or install it in accordance with the instructions.
4. Unauthorized repair, misuse, collision, negligence, abuse, fluid ingress, accidents, alterations, or unspecified use of accessories other than this product.
5. The warranty has been altered without authorization.
6. The user cannot provide a valid warranty and invoice.
7. The product serial number or code stated on the warranty is inconsistent with that on the product.
8. Failures and damages caused by other non-product design, manufacture, and quality problems.
9. Damage caused by wear or dirt due to normal use, including human factors such as scratches, exposure to chemical reagents or sharp objects, falling, or pressure.
10. Any damage caused by force majeure.

After-sales service period:

Our company provides lifetime after-sales service for our products. When the product exceeds the warranty period, only the cost will be charged if the product is repaired due to its own problem, and only the cost of labor and parts will be charged if the product is repaired due to man-made damage. The company reserves the right to modify and interpret the above contents.

FCC Statement:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This Equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a Particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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Q/MG 03007 Made in China

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