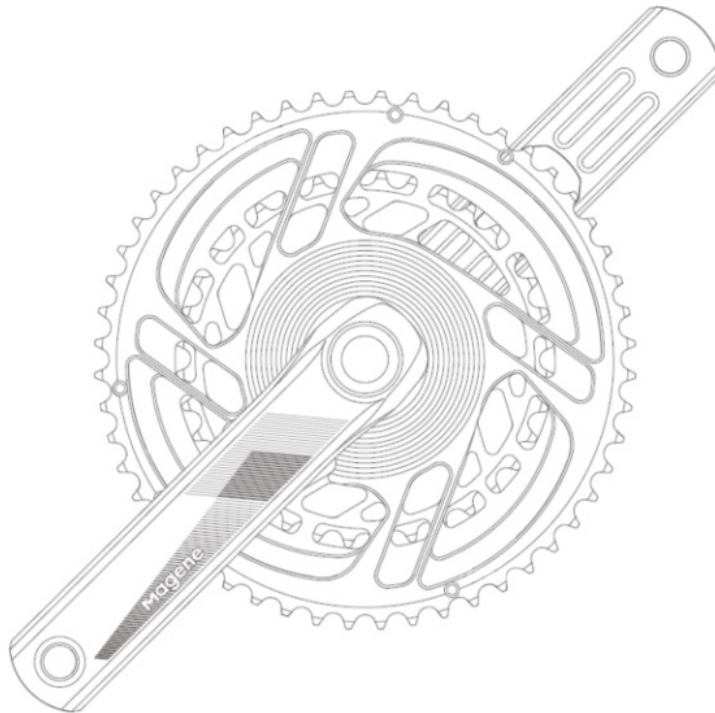




MAGENE P325CS Dual-protocol Crank User Guide

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Magene

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Dual-protocol Crank
Power Meter
Quick Start Guide

Magene

NOTE

If your bicycle brake caliper is installed under bottom bracket, it is necessary to confirm the compatibility between the product and the bicycle frame before installation, so as to avoid unnecessary loss. Please contact the dealer or customer service department for the operation method of compatibility test to confirm that the product is compatible with your frame.

01/ Quick Start Guide

Thank you for purchasing Magene Dual-Sided Crank Power Meter.
(Hereinafter referred to as Magene Power Meter).

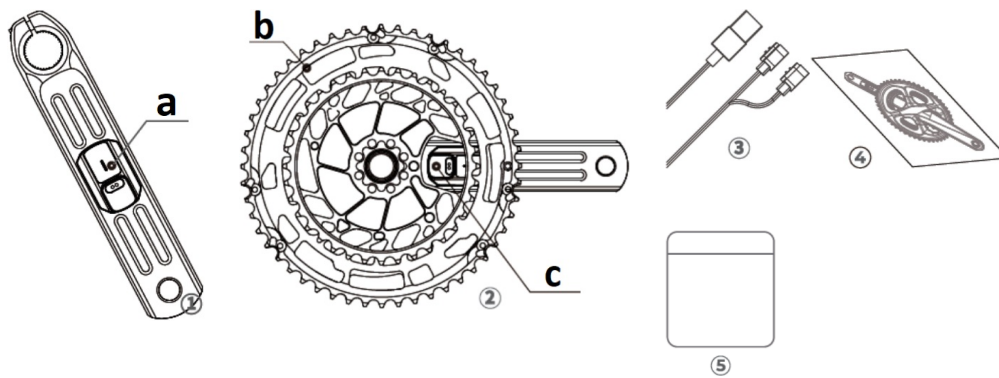
For information regarding crank installation and adjustment not covered in this-guide, please refer to your bicycle dealer's instruction manual.

If you have any questions about the power meter module, please contact us.

- E-mail: support@magenefitness.com
- Phone: (+86)400-662-8297
- Website: www.magenefitness.com

02/ Unpacking the Box

Take Magene Power Meter and its parts out of the box and keep the original package for future storing and transporting.



- a. Left power crank
- b. Charging line
- c. Right power crank

The box should contain:

- (1) Left power crank (2) Right power crank (3) Charging line
- (4) Quick start Guide (5) Accessory Bag

03/ Connect and Activate the Power Meter

Note:

The power meter is not activated and cannot be used normally; the new product must be activated for the first time.

Android users to enter the google Store(iPhone users from the Appstore) to search for the “Magene Utility” app and download it. Follow the prompts to activate your power meter.

Note:

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



Scan to download Magene Utility

04/ Connect the Power Meter Device

Magene Power Meter can be connected to power device after activation.

Magene Power Meter is a Bluetooth and ANT+ dual-protocol power meter that is compatible with ANT+ and Bluetooth devices that support the standardized power meter protocol. Using this protocol the power meter's measured data can be viewed and recorded.

Typically, most bike computers can search for and add power meter equipment in the settings through the settings>sensors>new>sensor>power meter.

Note:When searching for the Magene Power Meter, step on the pedal connected to the power meter crank so that the power meter can detect the torque therefore waking up the power meter from Sleep mode, start the Bluetooth or ANT + signal broadcast and wait for a device to connect.

Note:If there are multiple power meters in the current environment, you need to identify your power meter by ANT+ ID.

05/ Calibrating The Power Meter

Zero offset calibration will calibrate the power meter to 0 power when at rest. When calibrating, please turn the left crank in the vertical ground down state and use ANT+ Device or MACENE UTILITY for calibration.

06/ Peripheral Pairing and Functions

Magene Power Meter wirelessly transmits ride information to a bike computer or receiver that support ANT+ or Bluetooth.

Magene Power Meter logs the following information as you ride.

- (1) Power (2) Cadence (3) Remaining Battery
- (4) Torque Effectiveness (5) Pedal Balance (6) Pedal Smoothness

This product transmits the following information wirelessly to cycle computers or receivers that support ANT+ or Bluetooth LE connections.

Note:The 4,5,6 wireless receiver can only be used in part of the Apps of Magene. If you are purchasing LITE version, 4 / 5 / 6 features need to be purchased through Magene Utility.

07/ Charging

When you find that the power meter is unable to search for a connection, the power meter may have run out of power. Please charge it as soon as possible.

Charging procedure:

1. Insert one end of the USB interface of the charging cable into the computer or charger, and a section of the magnetic suction head is slightly close to the power meter body to make it absorb naturally.
2. Confirm that the red light of the power meter is always on, and the power meter is in normal charging state.
When the battery is fully charged, the light will turn green.

NOTE:Do not short circuit the magnetic suction end, and do not adsorb on the metal when it is electrified . Only the USB adapter with an output voltage of 5V can be used for charging.

08/ Product Specifications

| | Left Crank Power | Right Crank Power |
|---------------------------------|-------------------------------|-------------------|
| Power Accuracy | 1.5% | |
| Weight | 8g | 8g |
| Power Supply | rechargeable battery | |
| Working Life | 200h | |
| Wireless Interface | ANT+Bluetooth BLE 4.2 | |
| Water Proofing | IPX7 splash resistance | |
| power range | 0-2500W | |
| cadence range | 20-240rpm | |
| external cadence sensor magnets | none | |
| operating temperature | -10-50C | |
| requires zero-point calibration | yes | |

09/ Q&A

Please refer to the following if you have any questions in the process of using Magene Power Meter.

Q: Undisplayed power.

- A:** 1. Check to see if activation has been performed.
2. Check whether the bike computer or software has been connected.
3. If the connection cannot be made, please charge your power meter.

Q: The power has obvious deviation.

- A:** Do zero offset calibration by your bike computer or Magene Utility.

Q: Zero point calibration failure.

- A:** Please place the bicycle on the flat ground, make sure the left crank is straight down and try again.

Q: Torque Effectiveness/Pedal Balance/Pedal Smoothness of right crank power meter is 0.

A: 1. Use the Magene Utility to check if the right side is connected. After static setting the crank 1 min, don't touch it. Rotate the crank to see if the connection state is restored, if not, check the battery power.
2. If the problem occurs after the upgrade fails, check that the ID of the right crank (see the ant+ID number on the sticker on the crank) appears in the device list, if so, click the connection, upgrade the device and re-check the connection status.

If none of the above is applicable or the problem is not solved, please consult online customer service or dealers

10/ Upgrading the Power Meter's Firmware

Android users to enter the Google Store (iPhone users from the Appstore) to search for the "Magene Utility" app and download it.

Use Magene Utility to connect the power meter to obtain the latest firmware.

11/ Warnings and Daily Check

1. Warnings:

- Do not spray the power meter module with high pressure water when cleaning the bicycle.
- Please tighten the crank and pedal bolts exactly according to the instructions. Otherwise, it may cause damage to the crank or pedal.
- Do not put the battery into fire or heat, otherwise it may cause a fire or explode.
- The power meter module is a splash-proof design. Do not soak the power meter module in water.
- Do not subject the crank and power meter module to severe impact, as this may cause the power meter module to detach or malfunction.
- In temperatures below (minus) 10°C, the battery life will decay rapidly.
- Use neutral detergent when washing cranks. Use of alkaline or acidic detergents or thinners may shorten the life of the sensor case.
- The power meter module uses the 2.4G wireless communication band. The 2.4G signal environment surrounding the object or the surrounding area may cause interference to communications.
- If the signal connection is found to be unstable, try again in an open area. Strong electromagnetic waves generated by surrounding.
- Do not try to remove the waterproof glue around the power meter module! This will compromise the waterproof performance of the power meter module.
- Natural wear and aging and normal use caused by performance deterioration is not covered by the warranty.

2. Daily Check Items Before Riding:

Please check the items listed below before riding. In case of any abnormality, it is recommended to seek professional technicians for maintenance and debugging.

- Are there any cracks in the crank arms?
- Are the fastening sections fixed securely?
- Are the bearing sections fixed securely?

- Are there any abnormal noises?
- Is there sufficient charge remaining in the battery?

12/ WARRANTY CARD

Warranty Clause product:

Thank you for purchasing Magene Dual-Sided Crank Power Meter. Please carefully read the Warranty Clause.

Warranty Clause:

This product has passed the strict quality inspection. Failure caused by product quality problem under normal use, we will give free warranty within the warranty period.

The warranty period for Magene chainring is 360 days from the activation data. The warranty period for Magene power meter and crank is 720 days from the activation date.

The warranty does not cover any problem that is caused by: conditions, malfunctions or damage not resulting from defects in material or workmanship. The fees of shipping back to us for repair shall not be reimbursed and no fees shall be charged for our shipping back to you.

The following situations are not covered by warranty:

- Beyond the warranty period.
- No valid warranty certificate.
- Damage caused by improper use and maintenance.
- The product code on the warranty card does not match the product.
- Unauthorized maintenance, modification, use of parts other than the product.
- Damage caused by irresistible factors.
- Damage caused by not using or installing the product in accordance with the instructions.
- Alter warranty card without authorization.
- Other failures and damages caused by non-product design, manufacturing, quality, etc.
- Wear and dirt caused by normal operation, such as scratch, bump, etc.

After the warranty expires, we continue to provide maintenance service for which will be charged related service fee.

The company retains the rights to modify and explain above-mentioned contents.

FCC statements:

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.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the user's authority to operate the equipment.

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.

The device has been evaluated to meet general RF exposure requirement, The device can be used in portable exposure condition without restriction. Federal Communication Commission (FCC) Radiation Exposure Statement Power is so low that no RF exposure calculation is needed.





CE statements:

Declaration of Conformity Hereby, Qingdao Magene Intelligence Technology Co.,Ltd declares that the radio equipment type P325 CS is in compliance with directive 2014/53/EU and RER 2017 (SI 2017/1206).

RF exposure information: The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction. Radiation Exposure Statement Power is so low that no RF exposure calculation is needed.

Bluetooth(2402-2480 MHz) Max EIRP is -1.3dBm.

ANT+(2457MHz) Max EIRP is -2.01dBm.

| | | | |
|---|--|--|--|
| <div>Magene</div> | | Crank Power Meter | |
| Model | | P325 CS, P325 CSL, P325 L | |
| | | AECR1254 3.8V | |
| | | 60ma*h | |
| | | 1.6g | |
| Manufacturer | | Qingdao Magene Intelligence CO.,Ltd. | |
| Address | | No.2 AWS, Road, Licang District, | |
| | | Qingdao Shandong China | |
| <div><div>EC</div><div>REP</div></div> | | WSJ Product LTD(for authorities only) | |
| | | Eschborner Landstraße 42-50 60489 Frankfurt am Main,Hessen, Germany | |
| <div><div></div><div></div><div></div></div> | | | |

WARRANTY CARD

PRODUCT INFORMATION


Customer Name: _____
Address: _____
Purchase Date: _____
Distributor
(Stamp and Signature): _____

SERVICE RECORD

| Service Date | Malfunction and Solution |
|--------------|--------------------------|
| | |
| | |
| | |
| | |
| | |
| | |



Documents / Resources

| | |
|---|--|
|  | MAGENE P325CS Dual-protocol Crank [pdf] User Guide Crank, Dual-protocol Crank, P325CS |
|---|--|

References

- qualidade.de - This website is for sale! - [qualidade Resources and Information.](#)

