



WL7002

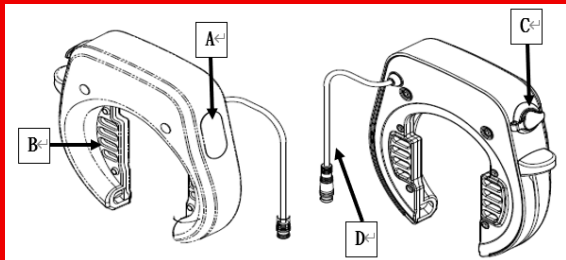
CAN bus Ring Lock

Quick Operation Instruction

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WL7002 Overview



A : LED Indicator Dome with Lock/
Unlock button

B : Mounting Slots

C : PIN lock hole for plug-in chain or
cable

D : CAN bus cable (connected from
ring lock)

Device Information

CAN bus Protocol	CAN 2.0B
CAN bus cable connector	M5 connector (female)
Wireless	2.4GHz
Power input	12V
Extension	Supports plug-in chain/ cable
Mobile App.	iOS & Android

LED Indications

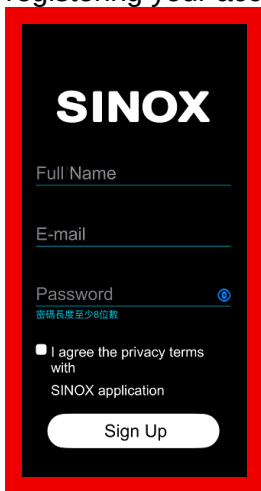
Power On	Red	Flashes once, then off
Power Off	No color	LED off
Waiting for pairing	Red	Blinking
Paired successfully	Blue	Flashes once, then off
Unlock	Blue	Solid on for 3 seconds
Lock	Blue	Solid on for 1 second
Firmware Flashing	Red	Blinking

Button Indications

Mode	Actionable Steps
App. Pairing	Hold the button for ten seconds
Unlock	Press the button to unlock
Lock	Press the button to lock

Getting Started with WL7002

1. Download “SINOX” APP from the APP Store or Google Play, sign up for a new account and then Log in.
You can set your password when registering your account.



SINOX

Full Name

E-mail

Password 

密碼長度至少8位數

☐ I agree the privacy terms with SINOX application

Sign Up

2. Turn on the Bluetooth on your mobile device and launch the SINOX APP.

3. Turning on the e-bike will also power up the electronic ring lock, to press the button for ten seconds (Red LED blinking), you can pair WL7002 using the SINOX APP.
4. Locking /Unlocking WL7002
 - Via SINOX APP : Wake up the WL7002 by tapping the icon on and lock/unlock manually.
 - Via keyless of SINOX APP : Carry the smartphone with you, press the button to wake up the WL7002, and then lock/Unlock it manually.
5. Limited Warranty

SINOX warrants all products sold by SINOX to be free of defects in material and workmanship for a period of one (1) year from the date of purchase unless otherwise specified on the product. If a product is found to be defective by SINOX, in its sole description, SINOX's only responsibility will be to replace the

defective product.

SINOX will not be responsible for any costs, losses or damages incurred because of the loss or use of any of its products, and SINOX specifically disclaims all claims for consequential and incidental damages.

Warnings

Operate and store the product only within the specified temperature and humidity ranges to ensure proper function and longevity.

1. Operating Conditions:

- Operating Temperature: -10°C to 50°C.
 - Operating Humidity: 20% to 80% RH
- Exceeding these ranges may cause malfunction, reduced performance, or damage.

2. Storage Conditions:

- Environment Temperature: -20°C to

60°C

- Environment Humidity: 10% to 90% RH, non-condensing.

Exceeding these ranges may cause product malfunction, reduced performance, or damage.

The product features PCB with conformal coating to prevent moisture ingress and reduce risk.

3 · Electromagnetic Compatibility (EMC):

- Use only the accessories included in the product package. Using other non-in-box accessories may cause electromagnetic interference (EMI) or affect the product's immunity (EMS), resulting in abnormal operation.

- The product features EMI-suppression and EMS-protection designs to reduce interference and improve resistance.

4 · RF & Wireless Communication:

- The product's wireless conducted

power follows all related RF standards. Abnormal voltage, temperature, or operation may make wireless power unstable, impacting performance.

- Use only the included accessories; other non-in-box accessories may affect radiated spurious emissions.
- The product's short range wireless communication is controlled via software or firmware to meet data transfer security standards. Unauthorized modification may cause abnormal data security operation.
- The product features RF stabilization, filtering, and secure firmware/software design to reduce interference, maintain performance, and ensure data security.

5 • Others / Unknown Risk

- Safety, RF, EMC, SAR passed by qualified labs; abnormal operation or conditions may still cause malfunction.
- Built-in protection and system safeguards reduce risk and prevent malfunction.

- Follow manual instructions and avoid abnormal operation or environment.

Federal Communication Commission Interference 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 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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the

user's authority to operate this equipment.

Radiation Exposure Statement:
FOR MOBILE DEVICE USAGE (>20cm/low power)

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.