ILOCKIT+

Smart security for your bike

USER MANUAL

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General notes and information

For your information

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Basic safety information

Intended Use

I LOCK IT+ serves as a bicycle lock for closing the rear wheel. I LOCK IT+ is controlled by a Bluetooth connection to a smartphone that has the I LOCK IT app installed, or to an I LOCK IT+ key fob.

Use I LOCK IT+ only as described in this manual. Any other use is considered to be non-intended and can lead to property or even personal injury. The manufacturer accepts no liability for damage caused by improper use.

I LOCK IT+ is intended for use in the private sector.

Before operating your I LOCK IT+, please read the safety instructions and the operating instructions carefully. Only in this way can you use all functions safely and reliably. Keep the operating instructions save and hand them over to a possible new owner.

Terminology

You will find the following signal concepts in this manual:

WARNING — This signal refers to a hazard with a medium degree of risk which, if not avoided, could result in death or serious injury.

ATTENTION — This signal denotes a hazard with a low risk gradient which, if not avoided, can result in a minor or moderate injury.

NOTICE — This signal refers to important information or useful tips for use.

Safety instructions

Read these notes and follow all instructions.

WARNING — Electri shock hazard: Excessive mains voltage can lead to electrical shock.

- Use only accessories recommended by us.
- Use only a suitable plug-in power supply. Make sure that the correct voltage is applied.

For more information, please refer to the plug-in power supply.

- Check the power supply regularly for damage. Do not use the plug-in power supply if its housing is defective or has other visible damage.
- Use the plug-in power supply only in indoor and not in damp areas, and protect it against dripping and splashing water.
- Never open the housing of the plug-in power supply or the I LOCK IT+.
- Unplug the power cord from the wall outlet when a thunderstorm threatens.

WARNING — Risk of explosion: Batteries (especially lithium batteries) can explode if handled improperly.

- Keep I LOCK IT+ away from heat sources (such as ovens, radiators, amplifiers, etc.).
- Never attempt to dispose of I LOCK IT+ by burning.
- Use only accessories and equipment (e.g. battery) offered or recommended by us.
- Protect the battery from excessive heat such as direct sunlight, fire, etc.
- Do not place open sources of fire such as burning candles or similar on or next to I LOCK IT+.
- If the housing is defective, do not use I LOCK IT+ anymore and keep it out of the reach of children.
- Leave all repairs and maintenance work to qualified service personnel only. A check and / or repair is necessary if I LOCK IT+ has been damaged in any way.

Operate I LOCK IT+ only under the following environmental conditions:

- Min -20 ° C ambient temperature
- Max. 40 ° C ambient temperature

Charge the battery only in the following environmental conditions:

- Min. 0 ° C ambient temperature
- Max. 30 ° C ambient temperature

Use of the article may result in accidents or malfunctions in certain locations.

- Do not use I LOCK IT+ in potentially explosive atmospheres.
- Use Bluetooth® only in places where wireless radio transmission is permitted.

I LOCK IT+ must be checked before each journey to the following:

- Damage
- Proper mounting on the bike frame



WARNING

Hearing loss possible due by acoustic sounds. Do not place or activate LOCK IT+ near the ear.



ATTENTION

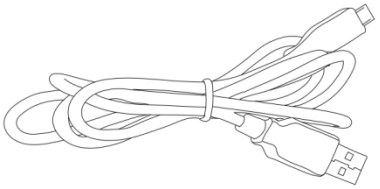
- Installation of I LOCK IT+ is only permitted on the rear wheel.
- It is not permitted to mount motorcycles, motorcycles or S-pedelecs (pedelecs with a support of up to 45 km / h).
- The maximum permissible tire width is 62 mm

1. Overview

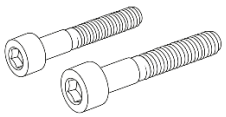
1.1. Scope of delivery

The following accessories are included with I LOCK IT+:

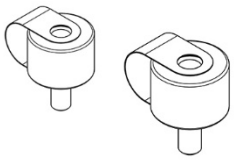
- USB-cable



- Mounting screws

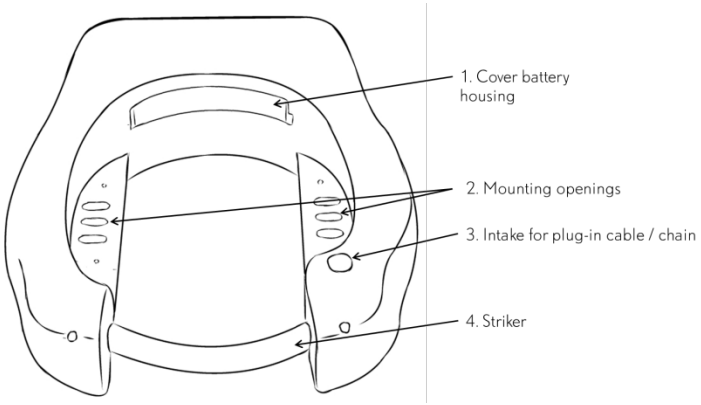


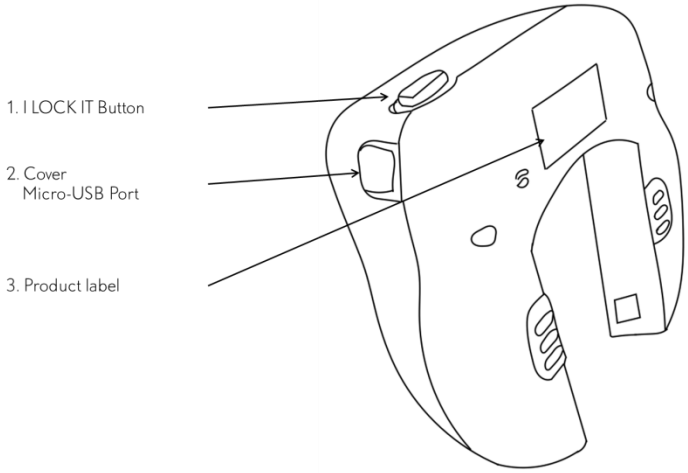
- Flex adapter



- Battery pack (pre-installed in I LOCK IT+)

1.2. Controls and connections





1.3. Technical specifications

- Dimensions (L X W X H): 148 mm X 43.5 mm X 162 mm
- Battery: Li-Ion 3.7 V / 800 mAh
- Micro-USB: DC 5 V / 500 mA
- Weight: 390 g

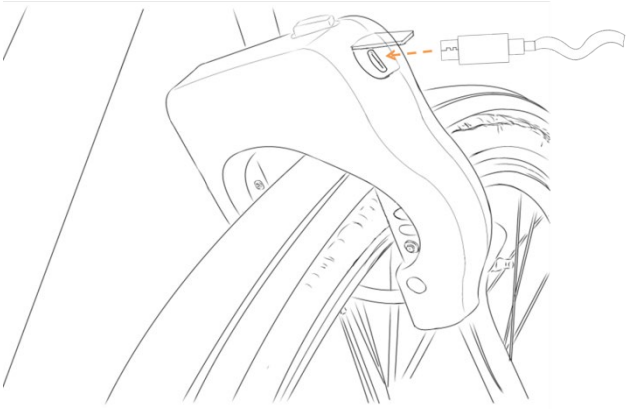
Reserve technical changes!

2. First setup

2.1. Charging the battery

Before you use your I LOCK IT+, you should charge the battery completely. To do this, perform the following steps:

1. Open the USB cover on the right side of I LOCK IT.
2. Connect the Micro-USB port with the included Micro-USB cable.



3. Connect the USB cable to a USB power supply, battery pack or the USB port of a computer.

WARNING

To charge I LOCK IT+ only use voltage sources which supply the USB output with 5V DC voltage (DC).

- While I LOCK IT+ is being charged, the red button lights up. When the battery is fully charged, the LED goes off.
- If charging at an outlet is not possible we recommend using a battery pack to avoid removing I LOCK IT+ from the bicycle.

4. As soon as I LOCK IT+ is fully charged, you can remove the USB cable and close the USB cover again.

2.2. Setting up the I LOCK IT App

After full recharge, you can connect your I LOCK IT to your smartphone.

The following steps only apply to the first setup of one smartphone.
If you already setup a keyfob or another smartphone with your I LOCK IT+ then please follow the steps in chapter 4.4.

1. Download the I LOCK IT app from the Google Playstore or iOS App Store.

Laden im App Store

JETZT BEI Google Play

2. Install and then launch the app on your smartphone.

The Bluetooth functionality of your smartphone must be activated before starting the I LOCK IT app.

3. Follow the instructions in the app to set up your I LOCK IT+

The the first setup of a smartphone is only possible when I LOCK IT+ is in pairing mode. The active pairing mode is signaled by the I LOCK IT+ button flashing blue.
Follow the instructions in the app to enter pairing mode.

iOS devices only: Confirm the pairing request with the "pair" button.

If the setup is successful, then the I LOCK IT app provides a secure connection to your I LOCK IT+. When the process is complete, the I LOCK IT+ button will light blue for 5 seconds, and the I LOCK IT app will change to the main screen.

- If the Blue LED goes out before a connection has been established, the button must be pressed again to enable the connection.

When setting up I LOCK IT+ for the first time with the I LOCK IT app you choose your personal color code. This code is used to open I LOCK IT+ when no Bluetooth connection to your smartphone or the key fob is active. This code should not be handed to other persons.

The personal color code is very important and must be kept safe. When losing your smartphone your personal color code cannot be reset by our customer support.

- With the I LOCK IT app you can manage up to 5 different I LOCK IT+.
- In the I LOCK IT app you can choose which I LOCK IT+ you want to connect to. Furthermore you can make individuall adjustments to the settings.
- Your smartphone can only be connected to one I LOCK IT+ at a time.

2.3. Mounting on the bike

I LOCK IT+ is firmly attached to the seat posts of your bicycle. For assembly, I LOCK IT+ has three different openings. Through these openings, I LOCK IT+ can be installed at the optimum height.

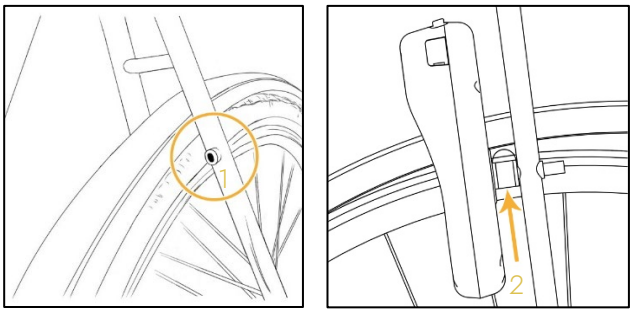
CAUTION

- Installation of I LOCK IT+ is only permitted on the rear wheel.
- It is not permissible to mount on motorcycles such as motor-bikes, or S-pedelecs (pedelecs with up to 45 km / h of support).

Mounting for bicycles with threaded sockets

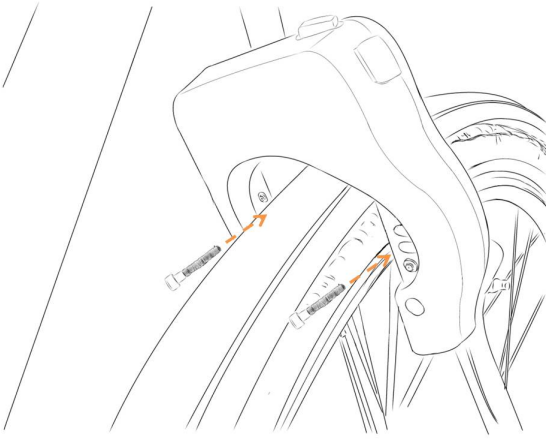
If your bicycle already has threaded sockets for screwing frame locks, please follow these instructions:

Most city, trekking and e-bikes have threaded sockets, at some models they may be protected by plastic covers. These covers must first be removed for the assembly of I LOCK IT+.



1. Turn the flex adapters (2) into the threaded sockets (1) of your bicycle and hand-tighten (3Nm) them.
2. Run I LOCK IT+ over your fencing / tire.
3. Screw I LOCK IT+ to the flex adapter with an Allen key. Use the supplied mounting screws.

Our I LOCK IT Channel on Youtube offers a video for the mounting.
www.youtube.com/ILOCKIT-bike



Make sure not to tighten I LOCK IT+ too firmly to the frame. This can lead to difficulties with the movement of the striker.

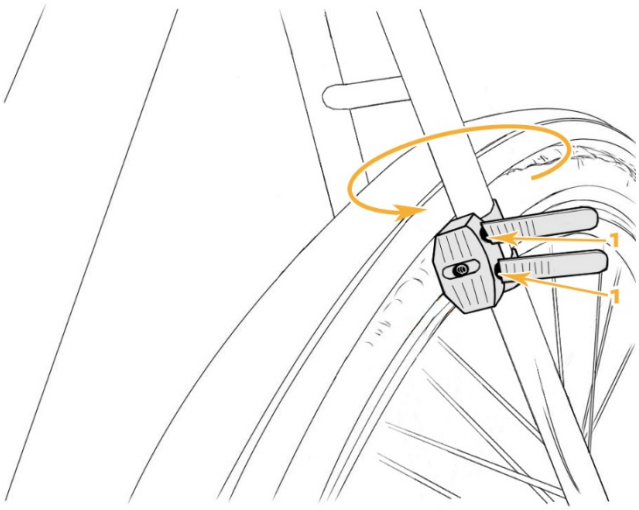
Mounting on bicycles without threaded sockets

If there are no threaded sockets on your bicycle frame, then I LOCK IT+ can be easily mounted with the optional installation adapter.

The installation adapter have flexible threaded sockets which are laterally adjustedable. They therefore offer more variety in the bicycle frame width.

Please follow these instructions:

1. Put the suitable installation adapter around one side of the seat strut.
2. Pull the plastic tape of the adapter around the seat strut and in the opening of the adapter.
3. Insert the plastic screw into the adapter.
4. Use a suitable screwdriver to tighten the adapter by rotating the plastic screw.



5. Repeat the process for the second adapter.
6. Turn the flex adapters into the threaded sockets of the installation adapter and hand-tighten (3Nm) them.
7. Run I LOCK IT over your fencing / tire.
8. Screw I LOCK IT+ to the flex adapter with an Allen key. Use the with I LOCK IT+ supplied mounting screws.

Make sure not to tighten I LOCK IT+ too firmly to the frame. This can lead to difficulties with the movement of the striker.

3. Operation

3.1. Unlocking

I LOCK IT+ offers you several ways to unlock your bike:

Automatic unlocking:

If automatic unlocking is activated (see page 13), I LOCK IT+ unlocks automatically as soon as you get close.

The I LOCK IT app must be active on your smartphone and the Bluetooth functionality turned on.

After successful unlocking, the green button lights up and your journey can start.

An automatic unlocking will only take place if you have been at least 5 m away from your bike after locking by smartphone or button or if I LOCK IT+ has been locked automatically (see page 11).

Unlocking by button:

If automatic unlocking is not active, I LOCK IT+ can be unlocked by a short press of the I LOCK IT button.

After successful unlocking, the button lights up green and your journey can start.

- Pressing the button only works when your smartphone is nearby and the I LOCK IT app is connected to your I LOCK IT+.
- If the smartphone or the key fob is connected to I LOCK IT+ but is not close to I LOCK IT+, the button flashes red and there is no unlocking.

Unlocking via smartphone:

As a further option, you can unlock your I LOCK IT+ through the I LOCK IT app. Press the "Unlock now" button on the apps home screen.

As soon as I LOCK IT+ is unlocked, the text changes to "Lock now" and the I LOCK IT button lights up green for 5 seconds.

If there is no Bluetooth connection between the smartphone and I LOCK IT, the "Unlock now" button is not displayed.

Unlock by color code:

If you forgot your smartphone or your battery is empty, then I LOCK IT+ can be opened by your personal color code. This color code is defined when setting up your I LOCK IT in the app.

The personal color code is very important and must be kept safe. When losing your smartphone your personal color code cannot be reset by our customer support.

The color code can only be entered if no Bluetooth connection to your I LOCK IT+ is active.

Follow the instructions to enter the color code:

1. Press and hold the button until the first color is displayed.
2. Release the button and repeat the procedure for the next color.
3. Repeat the process until you have entered all 6 colors.

After entering the correct code, I LOCK IT+ opens automatically.

If you have entered an incorrect code, the LED flashes red briefly and you can then start a new code input.

- After entering a color, you have 5 seconds to start the next color input.
- An incomplete entering of the color code will be aborted after 5 seconds. This is signaled through the button flashing 3-times red.
- If the color code is entered incorrectly three times inbetween 3 minutes, the input is blocked for 5 minutes.

3.2. Locking

I LOCK IT+ offers you several ways to lock your bike:

Locking I LOCK IT+ is only possible if your bike is not moving. In an attempt to lock I LOCK IT+ while in motion, the pushbutton flashes red and no closing operation takes place.

Automatic locking:

If automatic closing is activated, I LOCK IT+ locks as soon as you remove yourself from your bike.

Before the locking process, I LOCK IT+ outputs an acoustic sound, which signals the following completion.

After successful completion, the I LOCK IT+ button lights up red for 5 seconds and your bike is secured.

- The I LOCK IT app must be active on your smartphone and connected to your I LOCK IT+.
- If you have previously unlocked your I LOCK IT+ via the button in the I LOCK IT app (see page 10), automatic locking is only active after you have been in the immediate vicinity of your I LOCK IT+.
- If the Bluetooth connection to an open I LOCK IT+ is lost, then an acoustic warning tone will be issued as soon as your bike is stationary. An automatic locking operation is not executed.

Locking by pushbutton:

In addition to automatic locking, I LOCK IT+ can also be locked by pressing the push button. Hold down the I LOCK IT+ button until it lights up red and then release it.

Before locking, I LOCK IT+ outputs an acoustic sound, which signals the following completion.

After successful completion, the red button lights up and your bike is secured.

The locking sound can be disabled in the settings menu of the I LOCK IT app.

Locking by smartphone:

As a further option, you can lock your I LOCK IT+ through the I LOCK IT app. Press the "Lock now" button on the Homescreen.

Before locking, I LOCK IT+ outputs an acoustic sound, which signals the following completion.

The locking sound can be disabled in the settings menu of the I LOCK IT app.

As soon as I LOCK IT+ is locked, the text changes to "Unlock now", the I LOCK IT+ button lights up red for 5 seconds and your bike is secured.

If there is no Bluetooth connection between the smartphone and I LOCK IT+, the "Lock now" button is not displayed.

3.3. Smart Anti-theft Alarm

If the theft alarm is activated and your I LOCK IT+ is locked, I LOCK IT+ will sound an acoustic alarm as soon as your bike is raised and moved.

The smart alarm analyzes the strength and duration of the movement and signals with a short pre-alarm that the theft alarm is activated. If your bike continues to move a 30 seconds long alarm sound will be set off.

The pre-alarm can be deactivated in the I LOCK IT app.

If your bike continues to move after the alarm has expired, a new alarm tone will sound for 30 seconds.

If your I LOCK IT app is connected to your I LOCK IT+, you will also receive a warning message on your smartphone. By pressing the "Everything is ok" button in the warning message, the acoustic alarm can be deactivated before the 30 seconds have elapsed.

While the audible alarm is active, I LOCK IT+ can not be unlocked automatically or by pushing the button.

3.4. Share access

To lend your bike that is equipped with I LOCK IT+ to friends or family, you can create and share a color code in the I LOCK IT app. This color code allows you to open I LOCK IT+, without having to install the I LOCK IT app on another smartphone

To share access, enter the settings menu of the I LOCK IT app and choose the "Sharing" sub-menu. There you can generate, share, change and disable the color code.

When the color code is changed the code, which was displayed last, is automatically deactivated.

- To create a color code, your I LOCK IT app must be connected to your I LOCK IT+.
- Your personal color code, which you've setup in the app, should not be passed on. This personal color code allows you to have permanent access to your I LOCK IT+.
- If several people permanently use your bike then it is useful to setup more smartphones on your I LOCK IT+ (see page 13)

4. Settings

The I LOCK IT app allows you to configure your I LOCK IT+ individually. Open the "Settings" menu by pressing the symbol in the top right corner of the I LOCK IT App Homescreen.

To change settings, your I LOCK IT app must be connected to your I LOCK IT+.

The following chapters describe the possible settings in detail.

4.1. Automatically Unlock

If the "Automatically Unlock" function is activated, your I LOCK IT+ will open automatically as soon as you move to your locked bike.

The distance at which your I LOCK IT+ should be unlocked can be configured in three steps using the slider "Distance to Unlock".

In the 1st stage, your I LOCK IT will only unlock when you are close to your bike. In the last stage already, if you are a little further from it.

The distance is determined by determining the signal strength between I LOCK IT+ and your smartphone. This signal strength changes depending on the storage of your smartphone. It is possible that I LOCK IT+ e.g. unlocks sooner when you hold your smartphone in your hand and later when you carry it in your pocket.

4.2. Automatically Lock

If the Automatically Lock function is active, your I LOCK IT+ automatically locks as soon as you move away from your unlocked bike.

The distance at which your I LOCK IT+ is locking can be configured via the slider "Distance to lock" in three steps.

In the 1st stage, your I LOCK IT+ will lock at a short distance to your bike, in the last step at a greater distance.

- The distance is determined by determining the signal strength between I LOCK IT+ and your smartphone. This signal strength changes depending on the storage of your smartphone. It is possible that your I LOCK IT+ e.g. Locks later when you hold your smartphone in your hand and earlier when you carry it in your pocket.
- During your journey, I LOCK IT+ performs an intelligent detection of the signal strength, so that even in situations such as standstill, at the traffic light no locking occurs. By this determination, the actual distance at which I LOCK IT+ locks can vary.

4.3. Theft protection

If the "Alarm setting" function is activated, an audible alarm is triggered as soon as your locked bicycle is lifted and carried away.

The smart alarm analyzes the strength and duration of the movement and signals with a short pre-alarm that the theft alarm is activated. If your bike continues to move a 30 seconds long alarm sound will be set off. Die pre-alarm function can be deactivated separately in the I LOCK IT App.

If your I LOCK IT app is still connected to your I LOCK IT+, you will also receive a theft notification on your smartphone.

With the function "Alarm sensitivity" you can adjust at which force of movement the alarm gets set off. In the 1. Step (to the left) the sensitivity is set very low. This means the alarm gets only set off through a strong movement of your bike. In the last step (to the right) the sensitivity is very high, and a small movement of your bike is enough to set off the alarm.

With the function "Mute alarm" the acoustic alarm of I LOCK IT+ can be deactivated while you will still receive a notification to your smartphone if a movement occurs.

An alarm notification can only be transferred, if the I LOCK IT app is connected with your I LOCK IT+.

4.4. Connecting additional devices

By connecting another smartphone or key fob, your I LOCK IT+ can be controlled by different devices at a time.

Only one smartphone can be connected to I LOCK IT at the same time but it is possible to connect one smartphone and the Key Fob+ to your I LOCK IT+ at the same time.

- The settings set in I LOCK IT+ are valid for all users and can also be changed by any connected smartphone.
- A maximum of 8 smartphones or Key Fob+ can be connected to one I LOCK IT+.

To connect another device to your I LOCK IT+ the pairing mode needs to be started. Only in this mode a new device can connect to I LOCK IT+.

There are several options to start the pairing mode.

Start the pairing mode through the I LOCK IT App

1. Open the I LOCK IT app on the connected smartphone
2. Enter the settings menu and open the sub-menu "Sharing"
3. Select the option "Pair new smartphone"
4. Read and accept the note
   ➔ I LOCK IT+ enters the pairing mode

Starting the pairing mode is only possible when the I LOCK IT app is connected to your I LOCK IT+

Start the pairing mode through the Key Fob+

1. Make sure your Key Fob+ is connected to I LOCK IT+
2. Keep the Key Fob+ button pressed for at least 6 seconds and release the button.
   ➔ I LOCK IT+ enters the pairing mode

Start the pairing mode through color code

1. Open your I LOCK IT+ by entering your personal color code

- **The color code can only be entered if no Bluetooth connection to your I LOCK IT+ is active.**
- **The following steps don't work with a generated sharing color code**

2. Wait until I LOCK IT+ is unlocked and the button lights up green.
3. Hold down the I LOCK IT+ button until it is blue.
4. As soon as you release the button, I LOCK IT+ enters the pairing mode.

Our I LOCK IT channel on youtube offers a video on how to use the color code.

www.youtube.com/ILOCKIT-bike

Connect a new smartphone

1. Start the I LOCK IT app on the new smartphone
2. Follow the instructions in the app
3. The new smartphone is connected as soon as the I LOCK IT+ button lights up blue for 5 seconds and the I LOCK IT app displays a successful pairing.

Setup Key Fob+

Press the button on the Key Fob+

➔ The Key Fob+ led starts flashing blue

The connection between Key Fob+ and I LOCK IT+ is established as soon as the Key Fob+ LED and the I LOCK IT button light up in blue for 5 seconds.

4.5. Acoustic Signals

Warning sounds

I LOCK IT+ emits in different situations (e.g. an unsuccessful locking or unlocking) warning sounds. These sounds can be activated and deactivated via the slider in the I LOCK IT App. If the warning tones are deactivated, the I LOCK IT+ button flashes red, but there is no audible warning.

Locking sound

As information about an imminent locking I LOCK IT+ emits a short acoustic tone. This sound can be a be activated and deactivated via the slider in the I LOCK IT App.

If this function is deactivated, then no acoustic signal is emitted before a locking process.

For safety reasons, it is not possible to deactivate the sound for the automatic locking. Should a locking without acoustic confirmation occur, we recommend the locking by pressing the I LOCK IT+ button or via the app.

Unlocking sound

The unlocking sound generates a short acoustic signal after a successful unlocking of I LOCK IT+. This sound can be activated and deactivated via the slider in the I LOCK IT App.

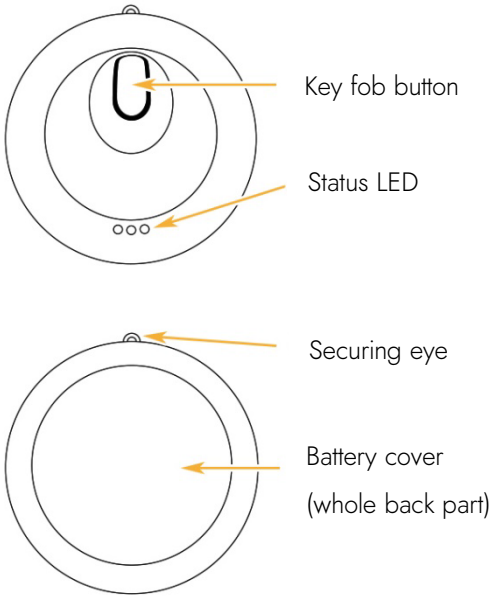
5. Accessories

The following accessories can be purchased in addition to I LOCK IT+:

- Key Fob+
- Plug-in cable
- Plug-in chain
- Installation Adapter
- Smartphone holder

5.1. Key Fob+

The Key Fob+ allows you to use your I LOCK IT without a smartphone. It is powered by a coin cell (CR2032) and notifies you of important information from your I LOCK IT+, thanks to its status LED.



Initial setup

To connect your Key Fob+ to your I LOCK IT+ for the first time, follow these steps:

1. Press the I LOCK IT+ button.
   ➔ The I LOCK IT+ button starts flashing blue.
2. Press the key fob button.
   ➔ The Key Fob+ LED starts flashing blue.

As soon as the Key Fob+ LED and the I LOCK IT+ button light up blue for 5 seconds, a fixed connection is established between the Key Fob+ and I LOCK IT+.

If another device has already been connected to your I LOCK IT+ or if another Key Fob+ is to be set up then please follow the instructions in chapter 4.4.

Operation

A short press of the Key Fob+ button establishes a connection between Key Fob+ and the paired I LOCK IT+ (if in range). As soon as the connection is established a locking or unlocking process is started.

When leaving the Bluetooth range (e.g. after locking the bike) the connection gets disconnected and the Key Fob+ enters power saving mode.

When pressing the Key Fob+ button the LED lights up green to signal, that a request was send to I LOCK IT. The request can only be transmited if I LOCK IT+ is within range.

Disable alarm

If the audible alarm of your I LOCK IT+ is triggered and you are connected to your Key Fob+, the Key Fob+ LED will flash red.

You can deactivate the audible alarm by a short press on the Key Fob+ button before the 30 seconds have elapsed.

Maintenance

Battery power and battery change

As soon as the battery level of your key fob reaches a critical level, the Key Fob+ LED flashes red. When this happens the battery should be changed to ensure a reliable function.

To change the Key Fob+ battery, perform the following steps:

1. Open the battery cover.
2. Remove the old battery and dispose of it properly.
3. Insert a new battery into the battery compartment and close the battery cover.

Your Key Fob+ is now fully operational.

All settings remain during the battery change and no new initial setup has to be carried out.

Restoring to factory state

When the Key Fob+ is reset to factory settings, the connection between I LOCK IT+ and the Key Fob+ is cleared. The Key Fob+ can then be connected to a new I LOCK IT+.

The following steps must be carried out to reset the Key Fob+ to factory settings:

1. Open the battery cover and remove the battery
2. Press and hold the Key Fob+ button
3. Re-insert the battery in the Key Fob+ (keep the button pressed)
4. Release the Key Fob+ button after approx. 5 seconds

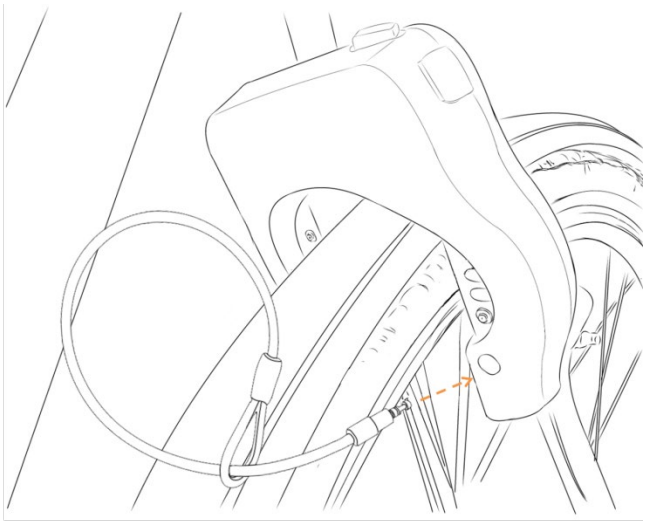
If the Key Fob+ LED flashes green, the operation has been successful, and the Key Fob+ has been reset to factory settings.

In order to connect the Key Fob+ to an I LOCK IT+ again, the initial setup must be executed again (see page 13)

5.2. Plug in cable / chain

The plug-in cable and the chain allow you to lock your bike with a fixed object. To do this, perform the following steps:

1. Lay the cable / chain around a solid object e.g. A bicycle stand
2. Move the plug at one cable / chain end through the loop at the other cable / chain end
3. Pull the cable / chain to reduce the loop size
4. Insert the plug into the opening of your open I LOCK IT+ and make sure it is secure



As soon as your I LOCK IT+ locks, the plug is locked with the striker and cannot be removed.

- Lock your I LOCK IT+ at the push of a button to check that the plug is tightly closed.
- The rubber rings on the plug ensure that it does not fall out of your I LOCK IT+ even after the automatic unlocking.
- Inserting the cable / chain into a locked I LOCK IT+ is not possible.

6. Maintenance and Care

6.1. Cleaning

I LOCK IT+ is not sensitive to splashing water and can be cleaned with a damp cloth or sponge.

In order to enable a reliable function, the striker should also be freed from dirt regularly.

- Cleaning with a high pressure cleaner is not permitted and can lead to damage to I LOCK IT+.
- Do not use chemicals to clean I LOCK IT+.

6.2. Flex Adapter

Check the flex adapters regularly for damage. The Flex Adapters are subject to normal wear. The Material may be affected by UV radiation and other weather conditions and can become porous.

Should the condition no longer suffice for a reliable operation, then it is recommended to replace the Flex adapter. These can be ordered from us. Please contact our customer service to order new Flex Adapter.

6.3. Battery pack

Battery life and low battery level

The battery integrated into I LOCK IT+ supplies I LOCK IT+ with energy for approx. one cycle season. The actual runtime depends on various factors such as the ambient temperature, the frequency of use and the alarm setting.

If the battery reaches a low charge level, an audible warning tone will be heard during each opening process. The battery should then be charged to avoid a failure of I LOCK IT+.

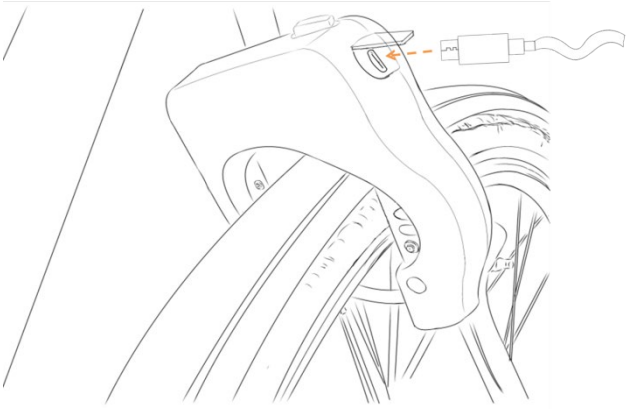
- If the power supply is exhausted by I LOCK IT+, the function stops and remains in the last state.
- Unlocking / Locking and the alarm function are not possible when the battery is exhausted.
- By connecting a charger / USB-Powerbank, I LOCK IT+ is immediately ready for use again and can be unlocked / locked.

Charging the battery

I LOCK IT+ should be fully charged when the battery is low or when I LOCK IT+ is not being used for a long time (e.g. winter).

Perform the following steps to charge I LOCK IT+:

1. Open the USB cover on the side of I LOCK IT+.
2. Connect the Micro-USB port with the included Micro-USB cable.



3. Connect the USB cable to a USB power supply, USB-Power bank or the USB port of a computer.

WARNING

I LOCK IT+ only use voltage sources which supply the USB output with 5V DC voltage.

While I LOCK IT+ is being charged, the red button lights up. When the battery is fully charge, the LED goes off.

4. As soon as I LOCK IT+ is fully charged, you can remove the USB cable and close the USB cover again.

Replacing the battery pack

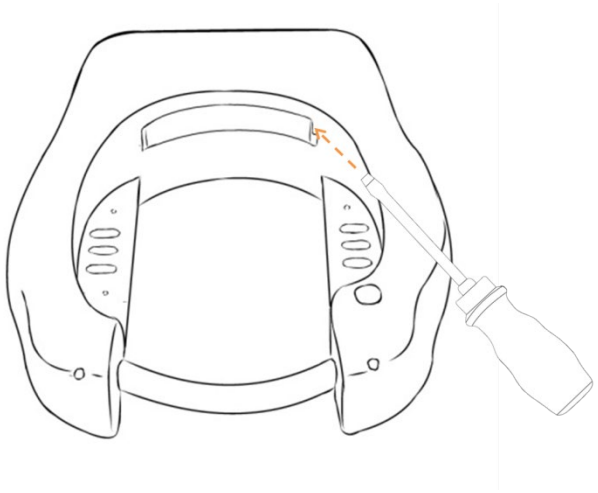
The battery integrated into I LOCK IT+ is designed to deliver power over several years. If the power of the battery drops considerably and is no longer sufficient for a reliable operation, then it is sensible to replace the battery.

A new battery can be ordered from us. Please contact our customer support.

To replace the battery, perform the following steps:

1. Remove I LOCK IT from your bike by unscrewing it.

2. Open the cover for the battery housing by carefully lifting a side of the cover with a flat screwdriver.



3. Unplug the battery pack from the connection socket.
4. Remove the battery from the battery compartment and dispose of it properly.
5. Insert the new battery safely into the battery housing.
6. Connect the plug of the new battery to the connection socket.
7. Reinsert the battery cover and check that it is secure.

Your I LOCK IT+ is now ready for use and can be mounted on your bike (see page 8).

6.4. Restoring the factory state

To restore the factory state of your I LOCK IT+, perform the following steps:

1. Open the I LOCK IT app and make sure the connection to your I LOCK IT+ is active.
2. Open the Settings menu and enter the sub-menu "My I LOCK IT"
3. Press the button "Reset lock".
4. Read and confirm the warning message.

Your I LOCK IT+ is now reset to the factory state.

- By resetting your I LOCK IT+, all settings are set to the default settings and your color code and all connected devices are deleted.
- If a smartphone is to be used with I LOCK IT+ after resetting, it must be setup again.
- When setting up I LOCK IT+ again, first remove the existing I LOCK IT+ from the Bluetooth Settings menu on your smartphone.
- If the Key Fob+ is to be re-used, it must also be reset to the factory state and then setup again.

7. Further information

7.1. Optical signals

The I LOCK IT+ button serves as an optical display which can display various states. The following signals are displayed.

Blue LED flashes

A new link to your I LOCK IT+ can be established.

Blue LED lights up

- A new connection has been successfully established
- The existing connection was restored after a connection termination

Green LED lights up

I LOCK IT+ has been successfully opened

Red LED lights up

- When locking: I LOCK IT+ has been successfully locked
- When charging: The I LOCK IT+ battery is currently charging

Red LED flashes

- When locking: locking is not possible since the bicycle is moving
- When entering the color code: Incorrect code entered or code entry aborted because too much time was required
- When entering the color code: Color code input blocked due to repeated false entry (see page 10)
- When opening by push button: Smartphone / key fob too far away

7.2. Acoustic signals

In addition to the optical signals, I LOCK IT+ has several acoustic signals, which are explained in the following.

1 time short sound

Announcement that I LOCK IT+ begins to lock.

3 times short tone

Locking or unlocking is not possible since resistance blocks the striker.

I LOCK IT + is equiped with the dynamic spoke avoidance (DSA system). This makes bicycle spokes no obstacle for the locking process. The Flex Adapter make sure that the sharpened striker can pass the spokes without problems. In some cases, it can still happen that I LOCK IT+ is blocked while locking and will automatically retract into the open position.

5 times short tone

- Bluetooth connection to I LOCK IT+ lost, automatic completion not possible
- When unlocking: Low battery condition, I LOCK IT+ should be recharged soon to avoid a failure.

Continuous acoustic sound

The theft alarm was triggered by movement (See pages 11).

7.3. Troubleshooter

If you experience problems with your I LOCK IT+ please contact our customer service. We are reachable by phone or by e-mail and will be glad to help you.

Also, on our homepage www.ilockit.bike/en/helpdesk you can find help for different situations.

Please note that in case of improper opening from I LOCK IT+ your warranty claim may expire.