

# Linka LASSO Owner's Manual

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See the Important Safety and Product Information guide in the product box and our website for product warnings and other important information.

## Before Getting Started

When using your LINKA LASSO device for the first time, you should complete these tasks to set up the device and get familiar with the basic features.

### 1. Important Safety and Product Information

- a. Please read this owner's guide
- b. Please take the time to follow the instructions in the owner's guide carefully. It will help you get the most out of the features your new LINKA product has to offer. Save the owner's guide for future reference.

#### c. Battery Warnings

- i. If these guidelines are not followed, the internal lithium-ion battery may experience a shortened lifespan, a risk of damage to operability of the device, fire, chemical burn, electrolyte leak, and/or injury.
  - 1. Do not puncture or incinerate the device or battery.
  - 2. When storing the device for an extended time, store within the following temperature range: from 32 F to 77 F (from 0 C to 25 C)
  - 3. Do not operate the device outside of -4 F to 131 F (from -20 C to 55 C).
  - 4. Contact your local waste disposal department to dispose of the device/battery in accordance with applicable local laws and regulations.
  - 5. Do not charge device below temperature 32F (0 C)
- ii. Non-User replaceable Battery Warning: Do not remove or attempt to remove the non-user-replaceable battery.

#### d. Declaration of Conformity

- i. Hereby, LINKA declares that this product is in compliance with the essential requirements and other relevant provisions. To view the full Declaration of Conformity, see the LINKA website:  
[www.linkalock.com/compliance](http://www.linkalock.com/compliance).

#### e. FCC Compliance

- 1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
  - a. (1) This device may not cause harmful interference, and

- b. (2) This device must accept any interference received, including interference that may cause undesired operation.
- ii. **Warning:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- iii. **NOTE:** 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:
  - 1. Reorient or relocate the receiving antenna.
  - 2. Increase the separation between the equipment and receiver.
  - 3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
  - 4. Consult the dealer or an experienced radio/TV technician for help.
- iv. **FCC Radiation Exposure Statement:**
  - 1. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance 20cm between the radiator & your body.

## f. Industry Canada Compliance

- i. English:

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

  - (1) this device may not cause interference, and
  - (2) this device must accept any interference, including interference that may cause undesired operation of the device."

- ii. French:  
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
  - (1) l'appareil n' doit pas produire de brouillage, et
  - (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement."
- iii. Le présent appareil est conforme Après examen de ce matériel aux conformité ou aux limites d'intensité de champ RF, les utilisateurs peuvent sur l'exposition aux radiofréquences et compliance d'acquérir les informations correspondantes. La distance minimale du corps à utiliser le dispositif est de 20cm.
- iv. The device is in compliance with RF exposure guidelines, users can obtain Canadian information on RF exposure and compliance. The minimum distance from the body to use the device is 20cm.

## 2. Limited Warranty

### a. Warranty Policy

- i. LINKA warrants to the original end user customer or purchaser of this Product ("You") that the product is free from defects in material and workmanship, subject to the conditions stated herein, for the shorter of:
  - (1) a period from the date of purchase of the product in its original sealed packaging until the expiration date of the Limited Warranty as specified in the Warranty Policy. (Refer to the entire Warranty Policy for details.)
  - (2) If no proof of the date of purchase is provided, the warranty period will be considered to have started three (3) months after the date that the product was manufactured.).
- ii. Within this period, LINKA will, at its sole discretion, repair or replace any components that fail in normal use. Such repairs or replacement will be made at no charge to the customer for parts or labor, provided that the customer shall be responsible for any transportation cost. This warranty does not apply to:
  - 1. Cosmetic damage, such as scratches, nicks and dents;
  - 2. Consumable parts, such as batteries, unless product damage has occurred due to a defect in materials or workmanship;
  - 3. Damage caused by accident, abuse, misuse, water, flood, fire, or other acts of nature or external causes;

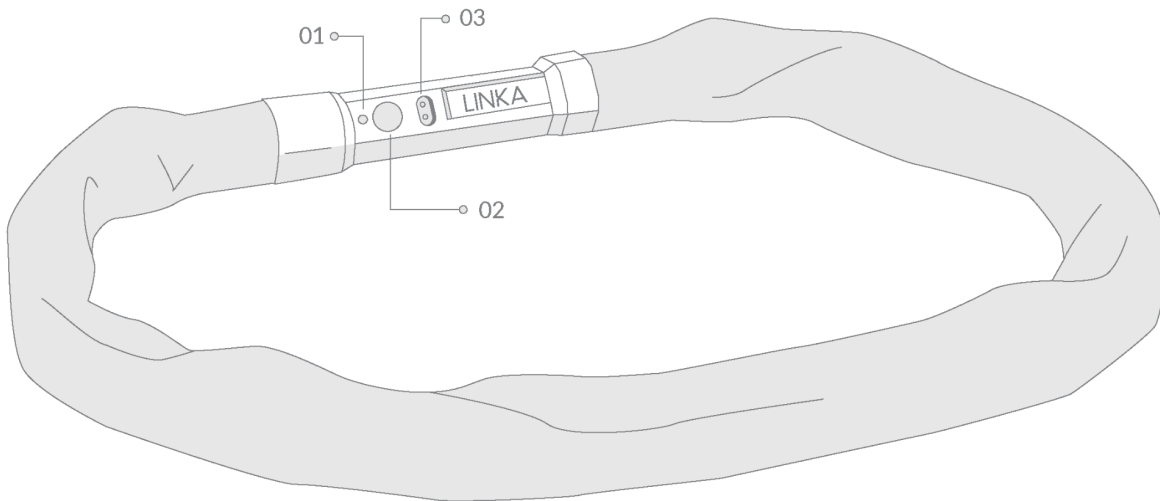
4. Damage caused by service performed by anyone who is not an authorized service provider of LINKA;
5. Damage to a product that has been modified or altered without the written permission of LINKA;
6. Damage to a product that has been connected to power and/or data cables that are not supplied by LINKA. In addition, LINKA reserves the right to refuse warranty claims against products or services that are obtained and/or used in contravention of the laws of any country.


## 1. Welcome

### a. Introducing the LINKA LASSO Smart Lock Chain

- i. Thank you for purchasing your LASSO Smart Chain Lock from LINKA. Our innovative technology allows you to secure your bike or other valuables with no physical keys and an increased peace of mind.

LASSO button layout:




1. LED Indicator dome
2.  button
3. Pogo charge point

# 1. Setting up your LASSO

Before turning on your device for the first time, charge your LASSO overnight using the included pogo charging cable. The LED indicator will turn red while being charged and will change solid green when fully charged.



While your LASSO is charging be sure to download the LINKA app from your preferred app store.


- Once charged and unplugged, Tap 
- LED dome will begin blinking blue identifying that your device is now in discoverable mode. You will also hear an audible start up tone.
- Open up your downloaded Linka app and continue the pairing process there.

NOTE: LED dome will blink blue (stay in discoverable mode) for 90 seconds before turning your device off to conserve battery power.



## LED Legend

Color	Pattern	Mode	Description	What to do?
Blue 	Pulsing	Discoverable	When your device is turned on, the LED dome will blink blue for 90 seconds in search of a phone to pair with.	<ol style="list-style-type: none"><li>1. Pair a new device</li><li>2. Be in range with a previously connected device</li></ol>
Green 	Blinking	Paired	Paired and connected	<ol style="list-style-type: none"><li>1. Lock or unlock device</li><li>2. Adjust your device Settings</li><li>3. View LINKA status and activity</li></ol>
Amber	Blinking	Paired	Locking	Allow your device to lock

Red	Blinking	Stall unlocking	If there is any interference with the steel shackle, LINKA will retract the shackle for safety reasons, LED will blink red and you will receive an alert in the LINKA app	Ensure there is no interference when locking and attempt to re-lock
Red	Solid	Phoneless Access Code Entry	When your phone is not present, utilize the personalized phoneless access code to access your LINKA device	After holding the  button for 6 seconds, enter your 4-digit access code
Red	Solid	Charging	Once your battery gets low, plug in the pogo charge cable into a computer or a usb-plug charger	Allow your device to charge
Green	Solid	Charged	Your battery is fully charged and ready for more months of peace of mind and riding	Unplug your device from the micro-usb charge connector and get back to riding your bike!
Purple	Solid	Firmware Update	We're learning from your feedback and constantly looking to improve LINKA and your experience	Allow your device to go through the update process. LED will turn to blinking blue when update is successful.

## 2. Pairing your device

- a. Download the LINKA App through Google Play or the Apple Store:



- b. Click **LINKA icon** to launch app once downloaded

### c. Logging in

#### i. Sign up

1. Enter your Email
2. Click **Create Account**
3. You will receive an email with a confirmation code that will serve as your one-time password.
4. Your app will remain logged in but if for some reason you are logged out you can always log back in by entering the same email



address you used to sign up and we will email you a new one-time password.


ii. Sign in

1. If you already have a LINKA account, enter Email and Password
2. Click **Sign In**.

d. Enable Bluetooth on your phone

- i. If you don't have bluetooth enabled on your phone, the LINKA app will introduce a prompt to **Enable**.

e. Power up your LASSO

- i. To enter discovery mode, Tap the  button.
- ii. LED dome will begin blinking blue identifying that your device is now in discoverable mode. You will also hear an audible start up tone.

f. Select your device from list

- i. Tap on "+" symbol in the app and select the LASSO Device.

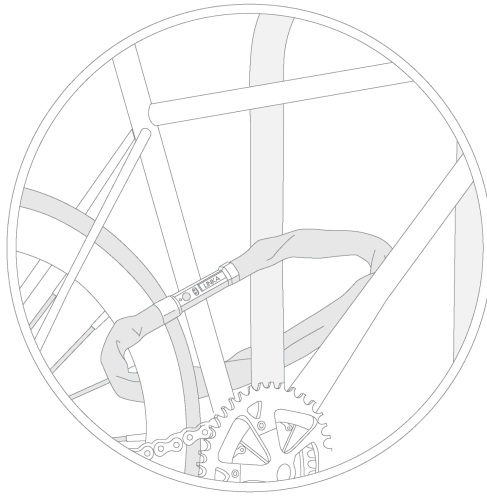
g. Setup your phone-less access code

- i. It is required that you enter and store a 4-digit phone-less access code before continuing further. This is to ensure you don't get locked out if you don't have your phone.
- ii. Enter your 4-digit access code
  1. *For added security, Codes "1111" up to "9999" and "1234" are not allowed.*
- iii. Re-enter your 4-digit access code and press **Save**

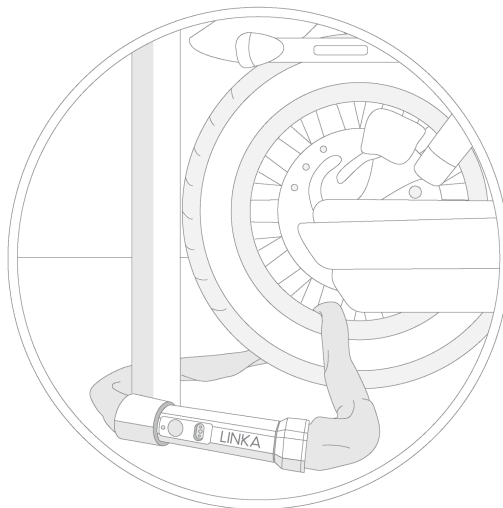
NOTE: All bluetooth connected settings, actions, alerts, etc. will function and appear only when Bluetooth is enabled on your phone.

## 2. Securing items with LASSO

- a. For the highest level of security for your bicycle we recommend threading your LASSO through your bicycles frame.






- b. When securing your motorcycle we recommend threading LASSO through your bike's rear rim.



- c. Your LASSO can also be used to secure any other objects you would usually secure with a lock and chain, such as a garage gate, barn door or kayak.





### 3.Unlocking your device

- a. Once your device is paired, you will be able to unlock your LASSO device.
- b. There are 3 ways to unlock your device. Unlock in App, Unlock by  button on LASSO while lock is paired with either app or optional SmartMotion Key, or unlocking with your Phoneless Access Code (PAC)..
  - i. **Unlock by  button on LINKA**
    - 1. Single-press and hold for 1 second the  button on LASSO and manually spread both parts of the lock apart.

### 4.Locking your device

- a. Once your device is paired, you will only be able to lock your device automatically by manually joining both ends of the lock together and not through the LINKA App.
- b. The LINKA app will show you the status of your device and whether or not it is locked or unlocked.
- c. If there is an obstruction while locking, LASSO will automatically unlock.
  - i. You will receive an alert on your phone to re-lock your device and will hear an audible “lock jam” tone.
  - ii. Ensure there are no obstructions and re-attempt to lock the device.
  - iii. Once Locked, you will hear a lock tone.

## 5. Access your device via Phone-less Access Code

- a. In some cases, your phone battery may be completely drained or your phone is lost or forgotten. Phone-less Access Code Feature allows you to unlock LASSO to access your bike or other valuables and get to your destination without any delays or worries.
- b. Press and hold down the  button on LINKA until the LED dome turns solid Purple (6 seconds).
- c. Press the  the number of times of your 1st digit then release until you hear an audible beep sound. For example if the first digit of your code is “2” you will need to press the button twice, then pause for 1 second before you enter the next digit in your code.
- d. Repeat the previous step until all 4 digits are entered. Your device will automatically unlock after successfully entering all 4 digits.
- e. If the code is entered incorrectly, you will hear an audible “unsuccessful” tone. You must attempt steps b.-d. Again.

## 6. Settings (In App)

- a. The Settings page allows you to customize specific features on your device.
- b. To access this page, your device must be paired and connected.
- c. To access/change your device Settings: **click on the App Icon on your phone >> Open Slide Menu >> My LINKA >> Settings**
- d. Phone-less Access Code
  - i. **Enter** your personal 4-digit access code
  - ii. **Re-enter** your personal 4-digit access code
  - iii. Click **Save**
  - iv. **NOTE:** Record or store this access code somewhere safe to access your device your phone is not present.
  - v. *For more on how to operate the Phone-less Access Code, see section 6 on page XX.*
- e. Edit Lock Name
  - i. Editing your lock name makes it easier for you to recognize your device for your convenience.
  - ii. **Click** Edit Name
  - iii. **Enter** your desired lock name

#### f. Audible Alarm

- i. The Audible Alarm feature allows a siren to sound when the device is being tampered with. In some cases you may not need this feature and can turn the siren feature off.
- ii. **Tap** the slide to toggle between ON and OFF.

#### g. Pairing a Smart Key

### 7. Manage Devices (In App)

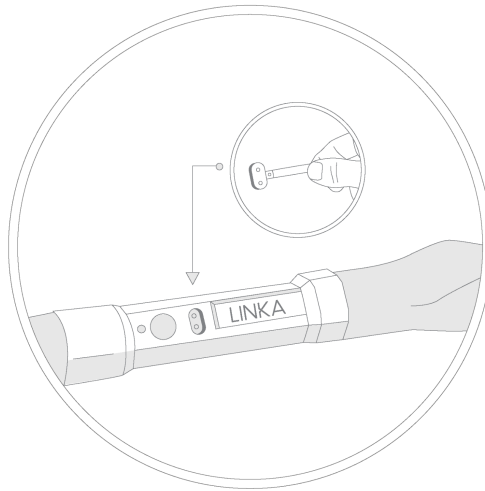
- a. Manage Devices allows you to delete a pairing from an existing device or add a new LINKA device.
- b. To access Manage Devices: **click on the App Icon on your phone >> Open Slide Menu >> Manage Devices**
- c. To delete an existing pairing, **click** the **red minus sign** for the device you would like to disconnect from your phone.
- d. To add a new device, **click** the **green plus sign** and follow the steps in section 3 to complete a new pairing.
- e.

### 8. Charging Your LINKA device

NOTICE: To prevent corrosion, thoroughly dry the pogo charging port and the surrounding area before charging.

Your LASSO device is powered by a built-in lithium-ion battery that you can charge using a standard wall outlet, a USB port on your computer or a portable battery pack.

NOTE: The device will not charge when outside the temperature range of 32° to 112°F (0° to 45°C)



- a. **Plug** the pogo small end of the USB cable into the pogo charging port.
- b. **Plug** the USB end of the cable into your computer, wall outlet-connected AC adaptor or portable battery pack.
- c. The LED indicator will turn red while being charged and will change solid green when fully charged.

## 9. Sharing your LINKA device

- a. Sharing your LINKA is very easy and can be done remotely.
- b. Sharing when device is locked or unlocked
  - i. Follow section 5 through section 6-F
  - ii. Once the User phone is connected, a permission request will be sent by e-mail to the admin (first user to connect to a new LINKA device).
  - iii. Once the admin approves the request, user will instantly receive access to the LINKA device.
  - iv. NOTE: Users with shared access to a LINKA device (except admins) will not be able to change any of the existing settings on the LINKA device.
- c. Revoking Permissions
  - i. An admin can choose to revoke keys to users at any time and prevent access to the LINKA device if necessary.
  - ii. To revoke permissions: **click on the App Icon on your phone >> Open Slide Menu >> My LINKA >> Select desired LINKA from list >> Settings >> Revoke Access Keys**
  - iii. The main device owner will receive an e-mail to prompt the revocation.

## 10. Accessories

### a. Linka Smart Key



- i. To start you must first pair your Linka Smart Key with your Linka app.
- ii. In your Linka app, select your LASSO Device
- iii. Go to Device Settings and Select Smart Key
- iv. Use the “+” Symbol to start the pairing process and follow the prompts in the application.
- v. Once a Smart Key has been paired with your LASSO Smart Chain Lock, you will be able to unlock your LASSO without your phone or access code, as long as the Smart Key is within range, usually 1-3 meters.
- vi. Please note that Bluetooth must be enabled on your phone to be able to pair a smart key.

### LASSO SPEC SHEET:

LINKA LASSO			
Series	8	10	10 Moto
Model	LK-B220	LK-B221	LK-B222
Region	Global	Global	Global
Wired version	-	-	-
Rechargeable version	Yes	Yes	Yes
Internal cell	Li-Ion cell 3.7V, 1200mAh, 4.44Wh	Li-Ion cell 3.7V, 1200mAh, 4.44Wh	Li-Ion cell 3.7V, 1200mAh, 4.44Wh
Interfaces			
Wireless interface	BT 5.0	BT 5.0	BT 5.0
External Interface	-	-	-
Embedded Modules			


<b>Bluetooth Technology</b>	Bluetooth Low Energy 5.0	Bluetooth Low Energy 5.0	Bluetooth Low Energy 5.0
Certifications	FCC/ISED/RED/MIC/RCM/ANATEL/EAC/IFETEL/SRRC/RoHS/REACH/Prop65	FCC/ISED/RED/MIC/RCM/ANATEL/EAC/IFETEL/SRRC/RoHS/REACH/Prop65	FCC/ISED/RED/MIC/RCM/ANATEL/EAC/IFETEL/SRRC/RoHS/REACH/Prop65
Frequencies	2.400GHz-2.480GHz	2.400GHz-2.480GHz	2.400GHz-2.480GHz
Antenna Type	Embedded Ceramic Chip Antenna	Embedded Ceramic Chip Antenna	Embedded Ceramic Chip Antenna
Antenna Gain	1.9dBi	1.9dBi	1.9dBi
<b>Processor</b>	1	1	1
Main processor	Bluetooth Processor	Bluetooth Processor	Bluetooth Processor
Secondary Processor	-	-	-
<b>Electrical Features</b>			
Input Voltage	Pogo input 5VDC	Pogo input 5VDC	Pogo input 5VDC
Embedded Li-Ion Battery Charger IC - IEC 62368-1 Certificate	Yes	Yes	Yes
<b>Power Consumption</b>	Internal Cell Rail	Internal Cell Rail	Internal Cell Rail
Sleep	<80uA	<80uA	<80uA
Unlock/lock mechanism	<100mA	<100mA	<100mA
Bluetooth connected	8mA	8mA	8mA
Bluetooth disconnected	2mA	2mA	2mA
<b>Power Consumption</b>	External Voltage Rail	External Voltage Rail	External Voltage Rail



Charging internal cell	<1000mA @ 5V	<1000mA @ 5V	<1000mA @ 5V
<b>Environmental</b>			
Operating temperature	-20°C to 65°C (-4°F to 149°F)	-20°C to 65°C (-4°F to 149°F)	-20°C to 65°C (-4°F to 149°F)
Storage temperature	20-25°C	20-25°C	20-25°C
Relative humidity	60±25%	60±25%	60±25%
<b>Mechanical</b>			
Enclosure Material	Stainless Steel 304	Stainless Steel 304	Stainless Steel 304
Chain Material	20CrMnTi	20CrMnTi	20CrMnTi
Chain Link Thickness	8mm	10mm	10mm
Length	100cm	100cm	140cm
Weight	1.8kg	2kg	2.2kg
Security Rating	8/10	10/10	10/10
IP Rate	67	67	67
<b>Certifications</b>			
RF intentional transmitter	RED/CE/FCC/IC	RED/CE/FCC/IC	RED/CE/FCC/IC
Security	ART II	ART II	ART II
Environmental	RoHS/REACH/ Prop 65	RoHS/REACH/ Prop 65	RoHS/REACH/ Prop 65

# 1. Troubleshooting & Support

## a. Rebooting the device

- i. If the device stops responding, you may need to reset it. This step will not erase any of your data or settings.
- ii. Hold  down for 10 seconds while paired and connected or unlocked.
- iii. The device reboots and turns on.

## b. Factory Reset

- i. If the device is changing ownership or for any reason you'd like to restore original factory settings.
- ii. To Factory Reset: **click on the App Icon on your phone >> Open Slide Menu >> My LINKA >> Select desired LINKA from list >> Settings >> Reset Factory Settings**
- iii. The main device owner will receive an e-mail to prompt the reset.

## c. Updating Software

- i. Your LINKA app will notify you when there are new software and firmware updates available.
- ii. Once your device is paired, the latest firmware stored in the App will update your device wirelessly if there are firmware specific updates available.
- iii. Do not turn off your phone or change any settings on your device during the update process

## d. More Support

- i. For more support and FAQ's, check out our support page at [www.linkalock.com/pages/lasso-support](http://www.linkalock.com/pages/lasso-support)

# 2. Software License Agreement

- a. By using this device, you agree to be bound by the terms and conditions of the following software license agreement. Please read this agreement carefully.
- b. LINKA grants you a limited license to use the software embedded in this device (the "Software") in binary executable form in the normal operation of the product. Title, owner rights, and intellectual property rights in and to the Software remain in LINKA and/or its third party providers.
- c. You acknowledge that the Software is the property of LINKA and/or its third party providers and is protected under the United States of America copyright laws and international copyright treaties. You further acknowledge that the structure, organization, and code of the Software, for which source code is not provided, are valuable trade secrets of LINKA and/or its third-party providers and that the Software in source code form remains a valuable trade secret of LINKA and/or its third-party providers. You agree not to decompile, disassemble, modify, reverse

assemble, reverse engineer, or reduce to human readable form the Software or any part thereof or create any derivative works based on the Software. You agree not to export or re-export the Software to any country in violation of the export control laws of the United States of America or the export control laws of any other applicable country.