

IWEECH
DESIGNED FOR REAL LIFE

USER GUIDE

IWEECH 24"S / 24"S+









Congratulations!

You just got your hands on your iweech. It's ready to use in its box, all you have to do is:

- ❶ Take it out of the box by removing the top lid and lifting the central part of the box.
- ❷ Put the handlebar in riding position using the rotating stem.
- ❸ Rotate the pedals.
- ❹ Adjust the saddle height if necessary.
- ❺ Check that the battery is in place and fully charge it.
- ❻ Press the button for 3 seconds to take the bike out of storage mode.


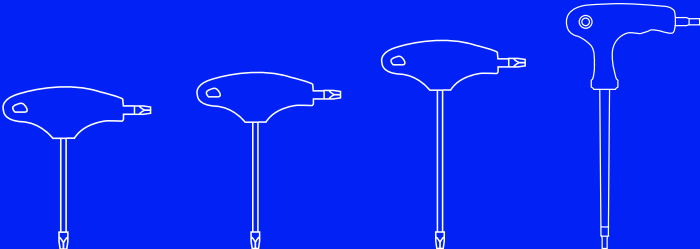


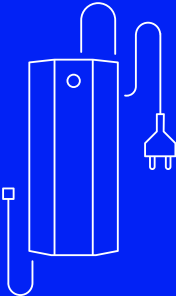

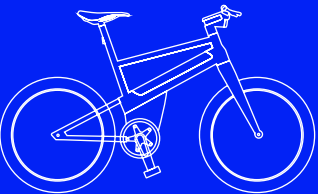
- ❼ Declare your iweech using the mobile application. You're now ready to ride!

Make sure to follow us on    
and keep in touch!
We always love to hear from our riders...

Important!

Read this manual carefully before the first usage of your iweech. For the settings and maintenance of certain components, please check this instructions or ask iweech for advice at: **support@iweech.com**

What is in the box?

					
Allen 2,5 mm		T20	T25	T30	T45
					
Battery Keys	1 NFC key	Battery charger	Battery	Bike	



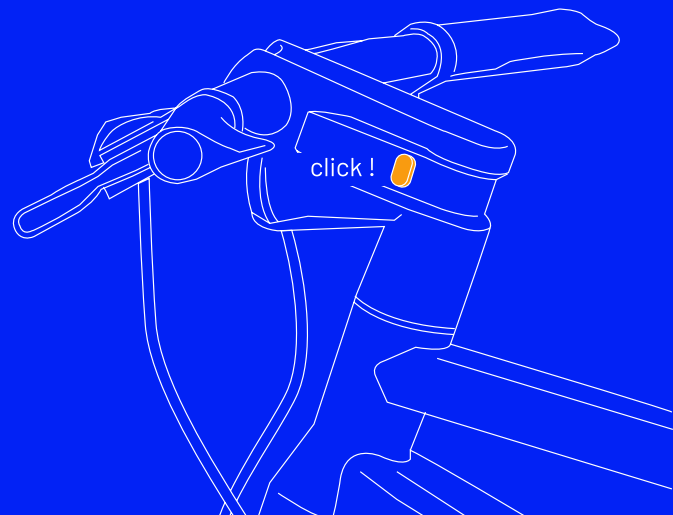
Get ready

The one click rotating stem

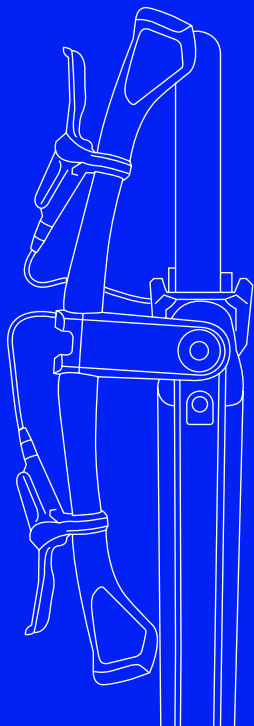
No screwdrivers no efforts needs here, your handlebars will be ready to use with a simple click.

The first few times, for more efficiency, if the button is a bit hard to engage, hold the front wheel in the axis of the frame and simultaneously push the handlebar to the right by pressing the button firmly.

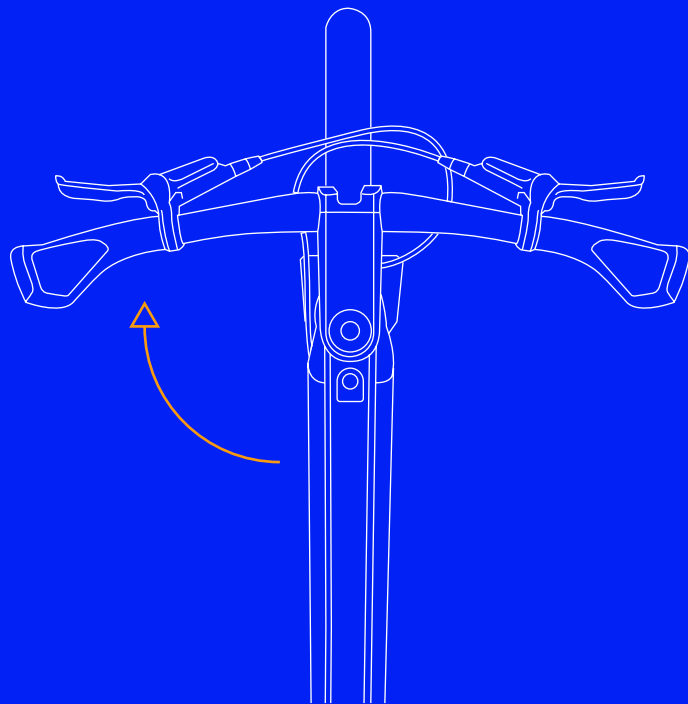
And for your safety, be sure to hear the click which ensures the correct locking of the handlebar.



1

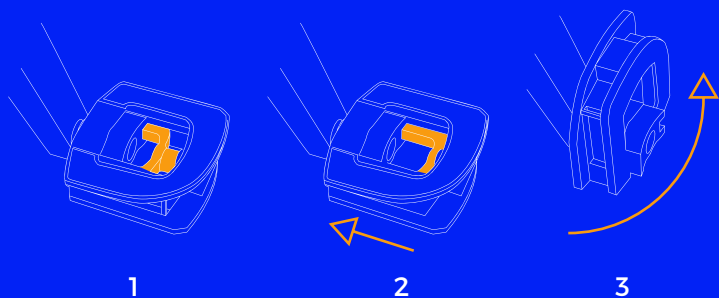


2



The folding pedals

These pedals fold up against the crank arm to reduce the width of your bike.



Adjust the seat

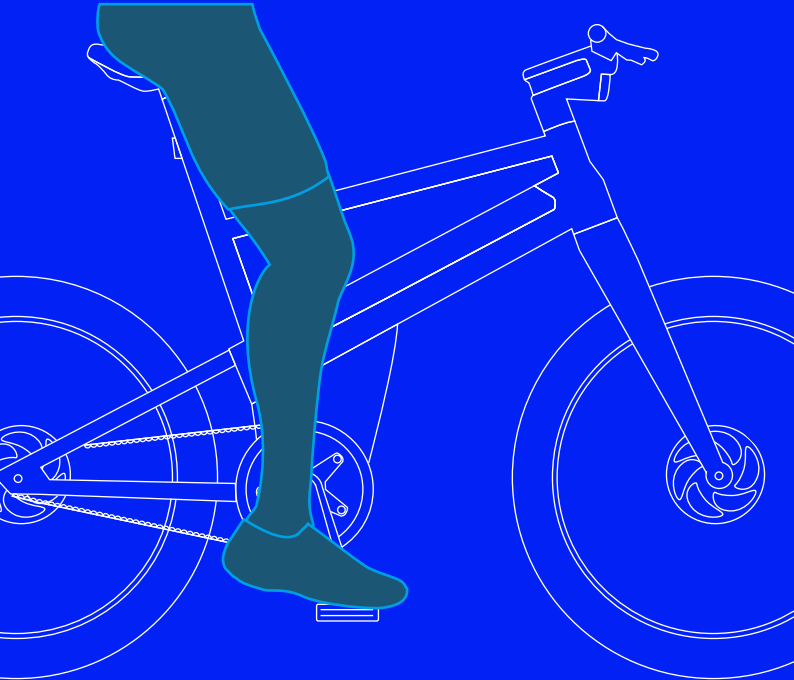
Each iweech is unique, and you are too! It is therefore essential to adapt your bike to your morphology.

We have a good tip to help you find the correct setting quickly: position the crank in line with the seat post, and place your heel on the pedal, your leg need to be almost straight.

Use the Torx key T30 to loosen the screw on the frame and adjust the height. Make sure you fully screw back before riding

If you don't feel comfortable with such a saddle height, lower it to a position that better suits you.

1



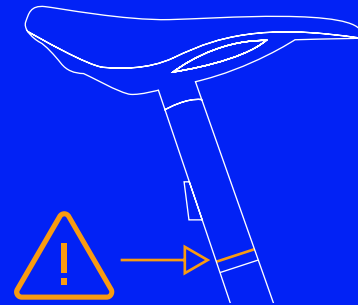
2

Warning!

Please note the indicator for the minimal insertion depth warning on the seat post.

Don't raise the saddle above There are electric wires connected here!

Do not over force the screw to avoid damaging the seat post.

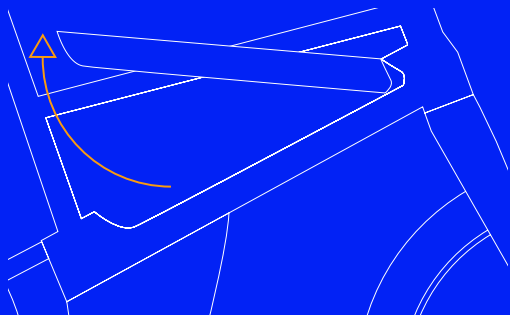


The battery

The iweech battery is safe and convenient. Positioned in the frame of the bike, you can easily remove it with your key to transport or load it.

Attention, make sure to put it back in place to start, **to do this remove the key from the lock before putting the battery pack back in its place, insert the top first, then press down firmly until you hear a click.**

Caution when using for the very first time, a protective film may be present on your battery. If so, it should be removed so that the battery can be connected correctly.



Note, the LEDs on the top of the battery indicate the charge level of it when they are lit (1 LED = 20% charge), the level read may be different from the level announced by the iweech intelligent system that remains the only referent.

They light up when charging and when starting the bike.

- When you are not using your iweech, it is best to keep the battery connected to the bike. In any case, Don't leave the battery longer than 2,5 months without recharging it, and further never allow your battery to become completely discharged to preserve its lifetime.
- The battery will not function below -20°C or above $+60^{\circ}\text{C}$.
- Charge the battery indoors only on a non-flammable surface.
- Charge the battery with the supplied charger only.
- Charge the battery where the ambient temperature is within 0°C to 45°C .
- Do not expose the battery or charger to the blazing sun during charging.

- Keep the battery and charger away from moisture and water during charging.
- Make sure that the battery is in good condition (no corrosion, cracking or other damage) before using it or charging it.
- Do not open, disassemble or crush the battery.
- Do not use a battery or charger that is defective.
- Keep the battery and charger out of reach of children.
- Do not remove the battery from the bike when doing any bike maintenance or cleaning.
- Avoid leaving your battery fully discharged for prolonged periods, this will negatively and permanently affect the battery's capacity.
- Regularly clean the connectors with a dry cloth as the impurities which become encrusted can, in the long run, limit the proper functioning of the battery.
- Never use solvents or grease to clean the connectors.
- Below 10 %, the battery no longer supplies the engine, it is reserved for powering the headlights, in particular for your safety.

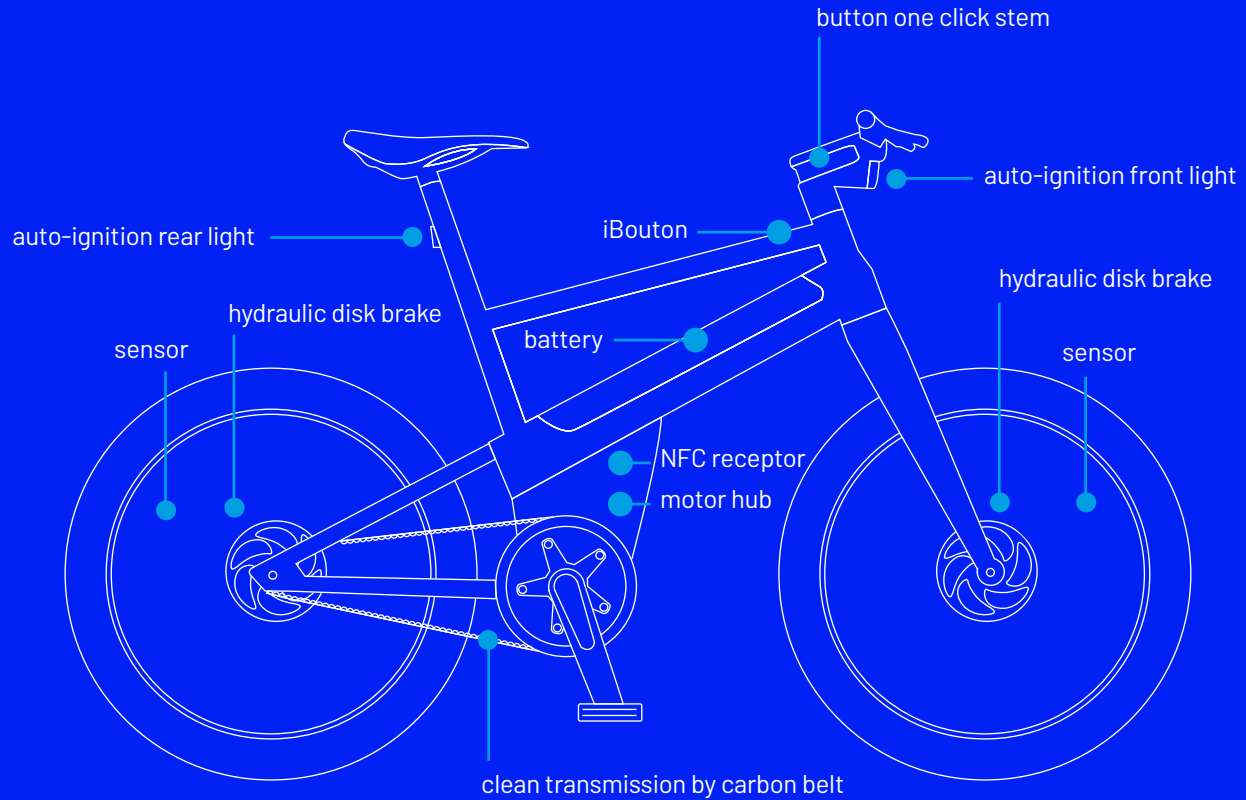
And now... Let's ride!

Discover iweech



- On intelligent mode, iweech always guarantees enough energy to reach destinations, but you should know that fully charged and on free ride mode, iweech will provide you with a range of 90 km up to 190 km according to your riding style and bike mode selected.
- The motor is an electric motor limited to 250 W of power and providing assistance up to 25 km/h, in compliance with EU regulations.
- Motor assistance will not function below -10°C or above +50°C.
- iweech is an urban bicycle with electric pedal assistance and is not designed for off road use
- Do not modify or tune your bike. There is a risk of breaking it. Note that modifications will void the warranty.
- Do not perform maintenance work on your iweech unless you feel absolutely sure about it. If you have any questions, contact our team directly at support@iweech.com
- The bike is not approved for steam cleaning or high pressure cleaning.

iweech essentials



iweech is 100% automatic

If it's in sleep mode, just move your iweech, it will turn on automatically, all you have to do is pedal and iweech takes care of everything. When you stop, iweech automatically switches to sleep mode after two minutes of inactivity.

THREE MODES OF USE

1. THE IRIDE MODE

In this case the bike knows your destination, either because it predicted it (thanks to artificial intelligence) or because you entered it in the application.

This means that no matter how much power is available at the start, iweech automatically decides and applies the necessary power level in real time:

- To provide you with optimal assistance
- And to make sure you always have enough energy to reach your destination.

This means that if the battery level is too low, iweech will automatically and intelligently adjust the level of assistance on the easy parts of the trip, to keep the maximum energy available for the difficult parts.

2. FREE RIDE MODE

In case iweech doesn't know where you are going (unpredictable or not informed in the App), it will automatically activate the Free ride mode.

In this case, iweech can't guarantee that you have enough battery power to reach your destination, but it still provides automatic and intuitive assistance management with two levels of comfort:

- **OPTIMUM (OPTI)** for an ideal comfort, the assistance is then available at its maximum.
- **ECONOMIQUE (ECO)** the assistance is then downgraded to save energy or to do exercise.

You can decide to change the comfort level manually using the ibutton to switch from OPTI to ECO and vice versa in one click (see ibutton section).

3. FITNESS MODE

The bike is in Fitness mode, which means that it will adjust the level of assistance so that you can reach the weekly calorie target you have set for yourself (see Fitness section).

iButton

Understanding the color codes related to the informations



iRIDE MODE

PERMANENT BLUE

The bike is in iRide mode, it knows its destination, either thanks to artificial intelligence or thanks to the application (you have entered your destination). The bike has enough energy to reach the destination with optimum assistance.

BLINKING BLUE

The battery level is too low to reach your destination with maximum assistance, iweech will automatically and intelligently adjust the level of assistance on the easy parts of the trip, to keep the maximum energy available for the difficult parts.



FREE RIDE MODE

The bike is in Free Ride mode, it doesn't know its destination.

> GRADIENT FIXED COLORS

From Green to Red = "OPTI" comfort

The colors show you the battery level in real time.

- Green 100 %
- Yellow 50 %
- Orange 30 %
- Red 20 %

> BLINKING COLORS GRADIENT

from Green to Red = "ECO" comfort

- The colors indicate the battery level in real time in the same way as for the "OPTI" comfort.

ORANGE, FAST FLASHING

The button warns you that the battery is not properly connected, check the connection by removing it from the base and reconnecting it (key removed) until you hear the lock click.

RED, FAST FLASHING

The button warns you that the battery is less than 10 % of charge, the assistance is then cut off to reserve the energy only for the ignition of the headlights (safety measure in case of failure at night).

PERMANENT LIGHT RED = ANTI-THEFT MODE

The button indicates that the anti-theft mode is engaged.

LIGHT PURPLE = SLEEP MODE

The button tells you that the bike is in standby mode, just move the bike or make it roll a few meters to get it back on operation.

OFF = STORAGE MODE

The button is off, the bike is in storage mode.

Master the iButton

POSSIBLE ACTIONS

FITNESS MODE <> FREE RIDE MODE

If you have set a Fitness goal and activated it via the app, your bike will start in fitness mode by default. However, if you want to temporarily benefit from the full power of the motor, you can switch back to Freeride mode by double-tapping the iButton. Conversely, if you want to return to Fitness mode, simply double tap the iButton again.

IRIDE MODE <> FREE RIDE MODE

To Switch from iRide mode to FreeRide mode and vice versa, double click the button.

NB : When switching from FreeRide mode to iRide mode, if the trip is not known by the bike (either not entered in the application, or trip not memorized/predicted by the bike) iweech will automatically switch back to FreeRide mode.

FREE RIDE OPTI < > FREE RIDE ÉCO

To switch from FreeRide Opti to FreeRide Eco or vice versa, simply press (one click) the button.

SLEEP MODE

This mode is automatic, it comes into effect after 2 minutes of inactivity of the bike. To take your iweech out of sleep mode, simply shake it, it will turn back on and be functional automatically.

Caution: If your battery is charged, your iweech will automatically switch to storage mode after three days without use. If the battery is less than 10% charged, your iweech will automatically enter storage mode after two hours to save battery ressource.

STORAGE MODE

This mode allows you to store your bike, it is recommended to use it when you do not use your iweech for several days, so your iweech will not turn on when you move it (also useful for transporting it for example), it does not consume battery.

To switch to storage mode, simply press the button until you hear a beep from the bike alarm (about 3 seconds), the button will turn yellow to confirm the request.

To exit storage mode, simply press the button until you hear an alarm beep (about 3 seconds). Your iweech will then turn on its headlights and beep three times to indicate that it is operational again.

NB: In storage mode, the battery LEDs may light up periodically, no need to worry, it's normal, your iweech performs automatic tests.

REBOOT YOUR IWEECH

It may be necessary to reboot your iweech's system in case of problems. To perform a reboot, simply press and hold the ibutton for 10 seconds without stopping after the first bip of the storage mode. To indicate that the bike is restarting, the button will light up in a rainbow pattern (quick colour change) and you will hear a triple beep.

In case of persistent problem, contact directly the support service via the chat of the iweech application.

Fitness function

The Fitness function gives you the opportunity to exercise without having to think about it. Because yes, just because you are using an EAB does not mean you are not active!

HOW DOES IT WORK?

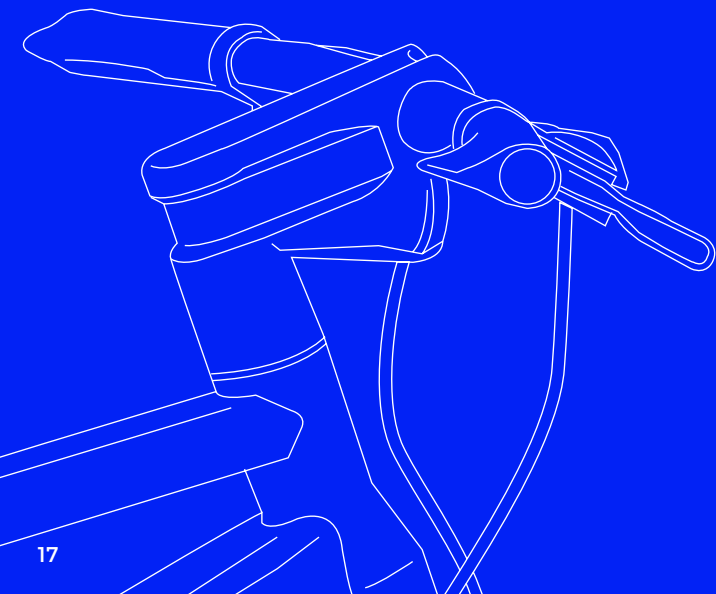
In the Fitness menu of the application, you can set a specific weekly calorie target. From now on, during your daily rides, the Smart Control assistance will take this target into account so that at the end of the week you will reach your goal. All you have to do is pedal as usual.

The more you increase the difficulty of the goal, the more Smart Control will reduce the assistance given to you during your rides. In the application, a colour code gives you an indication of the amplitude of this modification of assistance power. If your goal is too ambitious and therefore incompatible with the distance you cover each week, Fitness will suggest that you increase the weekly distance to be covered. Better still, the application can also give you ideas for routes to help you reach your goal.



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EN ANGLAIS
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Easy lock your iweech and gets 3 level of anti-theft protection



In standby mode simply, click on the padlock in the application or put your NFC badge on your bike like shown in the picture for two or three seconds. Your iweech will be electronically locked offering you 3 levels security :

- The electronic locking of the vital functions of your iweech (motor unplugged).
- The motion detection system combined with its Built-in 90 decibel alarm and the notification alert of theft on your cell phone
- The GPS tracking of the bike available in your application (App settings / anti-theft / anti-theft tracking card)

It is also possible to put the bike in lock storage mode. This way, you get the energy savings of the storage mode without saving the security of your bike. To activate this mode, you need to press 5 seconds to put the bike in storage, then pass its NFC tag to the motor within 60 seconds after the beep. Without any action on your part, the bike will remain in simple storage mode.

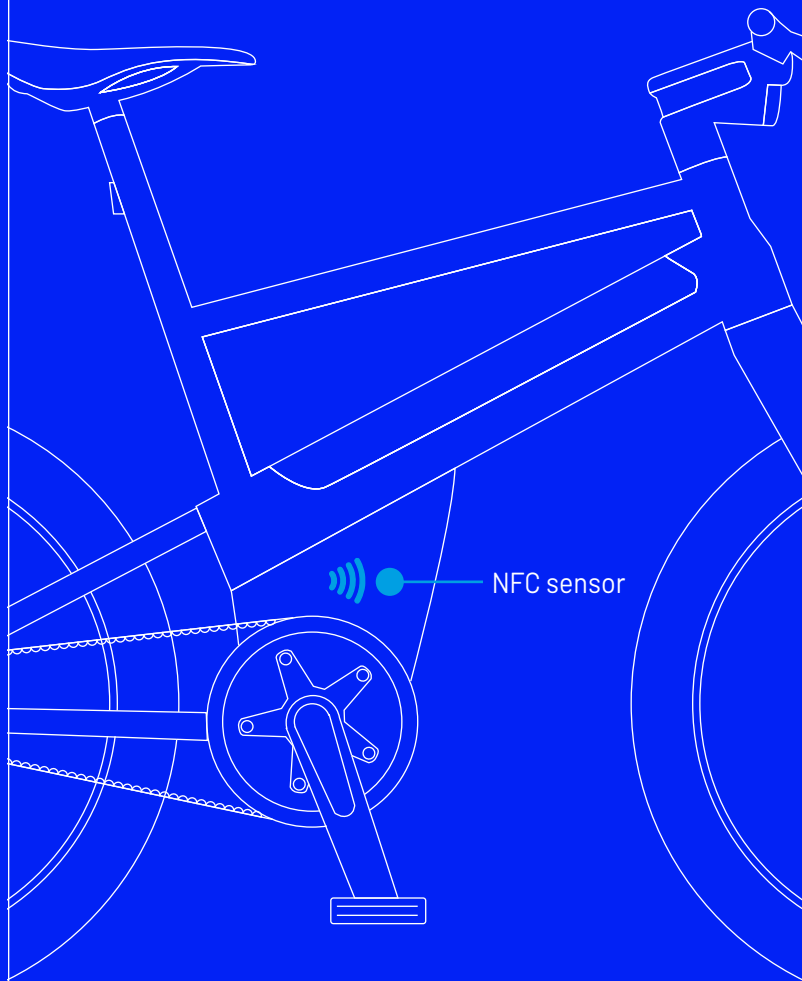
- To unlock the bike from the simple lock mode, click on the padlock again in the application or put your NFC key back on the bike.
- To unlock the bike from the lock storage mode, press the button (about 3 seconds) until you hear an alarm beep, then click on the padlock in the application or put your NFC key on the bike.
- In addition to this system we highly recommend the use of a mechanical padlock to tie the bike to a strong pole or a fence.



NFC key



Phone app



iweech connected

For an augmented experience

1 Download the **iweech** app



2 Create your account

3 Start the pairing process and declare your **iweech** using your bike ID. You'll find it attached to the keys that came with your bike, on the frame underneath the battery and on the frame at the level of the rear legs holding the wheel.

4 Pair the app with the bike (BTtooth) and then fill in your Wi-Fi network for updates. (Wi-Fi > Configure > Add a new network)

5 Just ride and enjoy the benefits of the app

- Smart gauge
- Searching for destination to enter **I.RIDE** mode
- Account management and bicycles
- Various dashboards and components dashboard
- Anti-theft system management
- Fitness function



Smart Gauge



Search for i.ride mode



Anti-Theft
+ gps tracking



Fitness function

Check the app use section on iweech.com

Before your first ride

CHARGE YOUR BATTERY FULLY

- Get acquainted with your bike in a safe and traffic-free area.
- If you want to use your bike on public roads, make sure that you comply with local driving regulations, for example those governing lights and reflectors. These vary from country to country.
- The bike is equipped with hydraulic disc brakes. Note that the left-hand lever actuates the front brake while the right-hand lever actuates the rear brake.
- Do not hang bags or heavy objects to the handlebar as this can have an adverse effect on your ability to accurately and safely steer the bicycle.
- Avoid wearing loose clothes and make sure you secure any loose straps. These can get caught in the wheels and cause accidents.
- If you wish to use a bicycle trailer with your bike, check compatibility with the trailer manufacturer first.
- If you wish to use a child seat with your bike, check compatibility with the child seat manufacturer first.

- If you wish to use one or more luggage carriers with your bike, check compatibility with the carrier manufacturer(s) first.
- The brakes on your bike are always more effective than the motor. If you face any issue, slow down carefully using the brakes until you reach a full stop in a safe area.
- After heavy use, the brake discs may be hot and therefore less effective. Please beware.
- When mounting your bike, make sure not to step on the pedals before you sit on the saddle and get a firm grip on the handlebar and brake levers. It is recommended to start with one pedal in the lowest position.
- Under wet conditions, stopping distances may increase further as braking effect is reduced. Extra caution is required.
- The regulations on bikes with pedal assistance can change in your country. Make sure you always stay up to date by reading the daily press and government publications.

Before every ride

- Make sure that the battery is properly locked using the key and fully clicked into the frame.
- Check the tire pressure. It should be between 2.5 and 3.0 bars maximum.
- Check the brakes.
- Make sure that you wear the correct protective equipment. Be visible and secured.

We strongly recommend you to wear an helmet in every situation.

- Stopping distances are variable depending the weather and the type of floor.
- Be sure to stay within the limit of the maximum load of your bike (100 kg).

Managing the energy of your iweech

The proper functioning of your Smartbike iweech requires it to perform a certain number of calculation and data exchange operations, including when it is in sleep mode.

These operations allow the artificial intelligence to calibrate your assistance as well as possible according to your needs and to perform automatic updates of the system.

In sleep mode and without driving, your iweech will use the battery to connect and perform these operations. **Like a smartphone or tablet in sleep mode, it will consume a bit of energy each day.**

Also, during periods of intensive use, if you leave your iweech in standby mode, we recommend that you check its battery level to charge it if necessary.

However, if you do not use it for an extended period of time, we recommend that you use the storage mode, so that the energy consumption will be close to zero.

In summary, in standby mode and without recharging, the battery of your iweech will last about 8 days, in storage mode the battery of your iweech will last about 2.5 months.

Additional tips

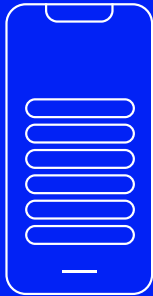
Despite our constant efforts to offer you the best product, if your iweech seems to be malfunctioning, use the button to reboot the system (see section “master the ibutton”).

In order to fully benefit from your iweech, make sure to update it regularly by connecting it to the Wi-Fi (see iweech app user guide on iweech.com).

Recalibrate your iweech

ONLY FOR THE IWEECH 24" S+

From time to time, the IWEECH app may ask you to recalibrate your IWEECH 24" S+ to make the gear changes as accurate as possible. If this is the case, you need to start the procedure from your phone and follow the instructions on the screen (quick and easy procedure). The IWEECH 24" S model is not affected by this calibration.



Warranty

If you are a consumer, you have a legal warranty of two years starting from the delivery of the product, according to the conditions set out in the relevant legislation. In addition, iweech offer a 3-year extension for the frame and stem only. See terms and conditions on **iweech.com**

The warranty covers all original components against defects in workmanship and materials (e.g. in case the products do not correspond with the product description in the user manual or do not correspond with the advertisement of the product).

The warranty applies only to original owners and is not transferable. Claims under this warranty must be made directly to iweech.

During the warranty period, iweech will replace or repair the goods showing a defect. If the replacement or repair is excessive or impossible, or if it is impossible to deliver within a reasonable time, you have the right to ask for a price reduction or to demand dissolution of the contract of sale.

iweech offers you one year of additional commercial warranty for the frame, stem, fork and seat post

only, in accordance with our terms and conditions in the GTC available on **iweech.com**.

During the first six months of your guarantee, you do not have to prove the defect was already present when you bought the product.

The warranty does not cover:

- An incorrect assembly or installation of the product by the user.
- An improper or negligent use, operation or transformation of the product.
- A maintenance contrary to the maintenance instructions of the product (eg lack of maintenance of the brakes).
- Normal wear and tear.
- Defects inherent to the normal useful life or service life of the product, such as a flat battery that can be replaced by the consumer.
- Damages or defects due to accidents.

Make sure you read our terms of sale available on our web site **iweech.com**



www.iweech.com



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