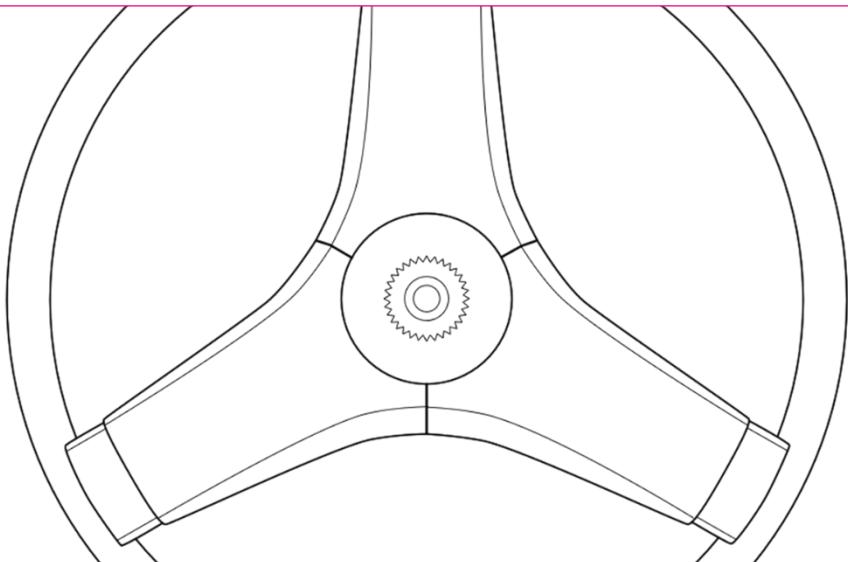


Hycore T1 USER MANUAL



hycore

www.hycore.com

**This user manual contains important
information for the safe use and riding of the
Hycore T1.**

Failure to comply with the instructions in this manual and any violation of any operating or general safety instructions may lead to serious accidents such as electric shock, fire or injury.

PLEASE follow the instructions in this manual carefully and always be sure to check for updates to the latest version.

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What is Included in Hycore T1



① Rim & Tire

② Battery case lock pin

③ Exterior Case

④ Wheel hub & Gear box

⑤ Motor

⑥ Bracket



Packing Box



Battery



Charger



Charging Cable



Axle nut
x2

How to install Hycore T1

The installation method may slightly vary depending on the type and model of the bicycle. HYCORE offers methods for only installing on common bikes and recommends installation by experienced bike experts.

This manual contains necessary instructions for direct installation. If you want advice on installment, please contact the seller who made the initial purchase.

Be sure to remove the battery for safety when installing. The weight balance without the battery may cause the wheel to rotate so please be aware.

How to install Hycore T1

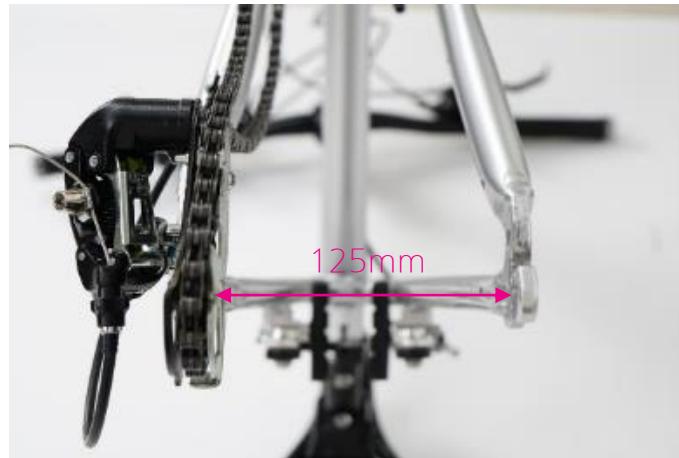
Bike Requirements for Installation

01

Installation of the product is only feasible on specified wheel size

02

The bicycle frame must be at least 125mm wide to install the product as shown in the figure.



How to install Hycore T1



Step 1 (*)

Move the rear derailleur to the outermost position by operating the shift lever.



Step 2

Release the brake cable so that it does not interfere when removing the wheel.



Step 3

Turn your bike upside down.



Step 4

Remove the axle nuts and detach the rear wheel from the frame.

(*) : Only for multi-gear bike

How to install Hycore T1



Step 5

Combine the washer to Hycore T1.



Step 6 (*)

Hold the derailleur as shown picture.



Step 7

Push HYCORE T1 into the frame and place the freewheel on the chain.



Step 8

Fit the D-cut of axle into the dropout of the bike.

How to install Hycore T1



Step 9

Make sure that D-cut of axle and dropout matches and check that chain is installed properly.

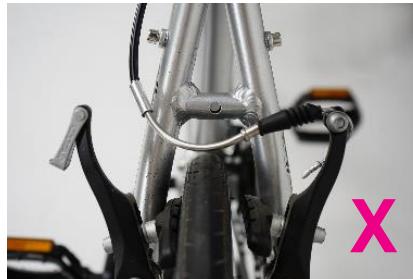


Step 10

Tighten the left and right axle nuts using a wrench.



The wheel should be located in the middle of the fork so that there is no left or right interference.



Brake may not work if not located in the center.

How to install Hycore T1



Step 11

Flip your bike back to the right position.



Step 12

Connect the brake cable and check that the brake is working properly.

Installation with Multi-gear

- ✓ Install Hycore T1 after shifting down the rear derailleur so that it is outermost position.
- ✓ After installing, adjust the gear step so that the transmission and pulley are straight.

Installation with Disc Brake

- ✓ A disk rotor with a diameter of 180mm and an adapter is required.
- ✓ Make sure that there is enough space between Hycore T1 and the frame to install caliper.
- ✓ Installation may not be possible depending on the type of bike.

How to install Hycore T1

Installing Battery



Step 1

Turn the lock pin anticlockwise to open the case.



Step 2

Slide the battery along the guidelines between the battery and the frame.



Step 3

Connect the connector of Hycore T1 to the connector of the battery pack.



Step 4

Close the case by turning the lock pin clockwise.

How to ride Hycore T1

Before Your First Ride

For safety reasons, Hycore T1 may stop or does not operate at a speed of 5km/h or less but after reaching a speed of more than 5km/h by pedaling for several times, it will work immediately.

A sudden acceleration due to motor operation by beginners or inexperienced users operating the handles can be dangerous and may lead to accidents.

Therefore, when operating Hycore T1 for the first time, be sure to practice enough in the area where it's obstacle free and go out to the road after getting used to the riding.

Also, be sure to wear helmet and protective gears and follow the traffic rules even if you are skilled to ride, so please refrain from riding when you are under bad condition.

Hycore T1 is electrically operated, so it is vulnerable to water and can cause serious accidents when operating in rain or snow. Do not ride when it rains.

How to ride HYCORE T1

HYCORE T1 is not recommended for pregnant women and children under the age of 16.

Check List for Safety

- ✓ Make sure enough air pumped in the tire.
 - ✓ Make sure the bolts are tight.
- ✓ Make sure the brake is operating correctly.
 - ✓ Make sure the chain is tight.
- ✓ Make sure the derailleur and pulley are straight.

Maximum Weight

The total weight of rider, baggage and bike must not exceed 180kg (396 lbs).

How to ride Hycore T1

Charging Battery



Step 1

Connect the charger to the battery charging socket first, then connect the charger to the power socket.



Step 2

When the LED lamp is red, it is charging.



Step 3

The LED lamp is green, the battery is fully charged.

Step 4

When charging is complete, remove the power plug first and disconnect the battery and charger.

How to ride Hycore T1

Precautions Using Battery

01

Do not attach the battery near water or fire.

02

Do not charge the battery where there is a risk of fire.

03

Using a battery or charger with wet hands may cause a serious accident.

04

If there happens to be a strange smell during charging or temperature of the battery or charger goes up, please stop charging and contact your first seller.

05

Battery disengagement proceeds in reverse order.

How to maintain Hycore T1

Cleaning

Be sure not to let water go inside when cleaning because electric wiring is placed in the inner part of the case. It may cause electric shock or other accidents.

Wipe the surface with a wet tissue or a soft cloth.

Storing

Please keep in a box.

Battery must be stored separately.
When storing in a separate box, be sure to fill the cushioning material to prevent damage to the product.

Recommended storage temperature :

20~40 °C

Carrying

For air transport, you should refer to the IATA regulations and carrier regulations for lithium-ion batteries. For more information on this, please visit the IATA website.

FCC Warning

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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:

- 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.

Radiation Exposure Statement

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 and your body.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment