



# Smart Bike Trainer



# User Manual



## 1.1 Quick Start

Find us on Instagram and Facebook for instruction videos, FAQ and more support.

Instagram: [cycplus\\_official](#)

Facebook: [cycplus](#)

Youtube: [CYCPLUS](#)



Official website: [www.cycplus.com](http://www.cycplus.com)

After-sales email: [steven@cycplus.com](mailto:steven@cycplus.com)

## 1.2 Notice

1. Keep children and pets away from T2 while in use.
2. Keep clear of the motor and moving parts while in use.
3. The T2 enclosure will heat up during use. Ensure the cooling holes are clear. For high-intensity riding, plug in the power to keep the fan working.
4. Please use the T2 on a stable surface with adjusted leveling feet before use.
5. Use caution when standing while riding on T2.
6. Do not install or disassemble the bicycle until T2 completely stops.
7. Do not use other power source to power T2.
8. Please confirm whether the bicycle is installed properly before every ride.

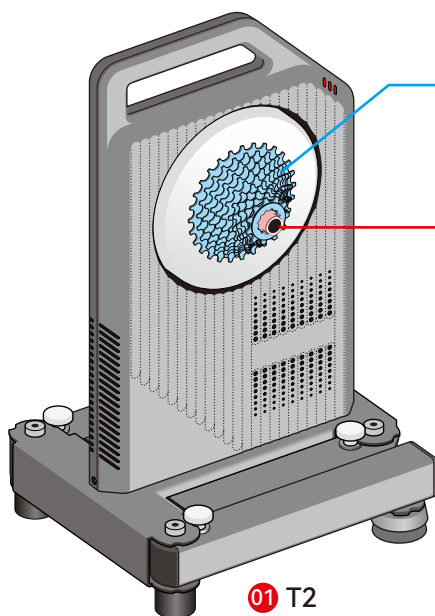
## 1.3 Factory Info

Manufacturer: Chengdu Chendian Intelligent Technology Co., Ltd

Warranty : Free replacement or repair within 1 year.

After sale email : [steven@cycplus.com](mailto:steven@cycplus.com)

# 1.4 Packing List



**02** Cassette  
pre-installed

**03** Thru-axle  
adapter-R  
pre-installed

**04** Thru-axle  
adapter-L  
pre-installed

**05** Quick release  
adapter-R

**06** Quick release  
adapter-L



**07** 17mm Wrench  
for thru-axle adapter-R



**08** Allen key  
for quick release adapter-R



**09** 8-10 speed  
cassette spacer



**10** Cassette adjustment  
spacer [7x]  
Including 2 pcs pre-installed



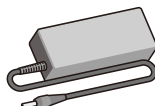
**11** Disc brake spacer



**12** Hydraulic Disk Brake  
Pad Spacer



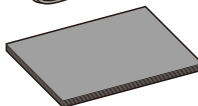
**13** Quick release



**14** AC adapter



**15** AC cable



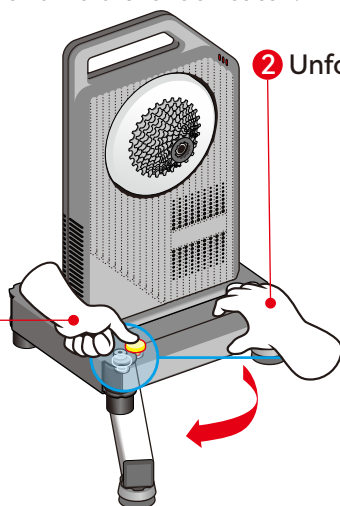
**16** Cushioning mat



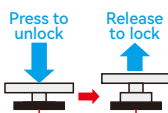
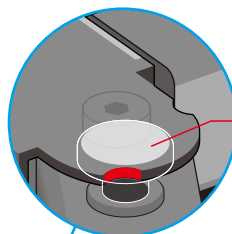
**17** USB ANT+  
receiver and  
Extension Cable

## 2.1 Ground and stabilize T2

- 1 Press and hold the lock catch.

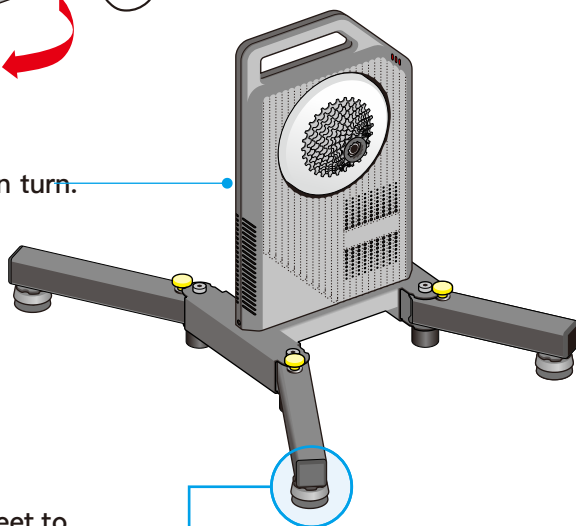


- 2 Unfold the leg.



Align the lock catch with the notch, and make sure the latch pops up and locks angle of the leg.

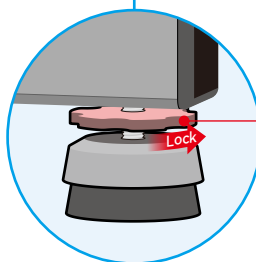
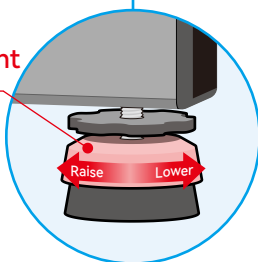
- 3 Unfold all the legs in turn.



- 4 Adjust the leveling feet to balance and stabilize T2.

Adjust the height of the foot

Rotate clockwise to raise  
Rotate counterclockwise to lower



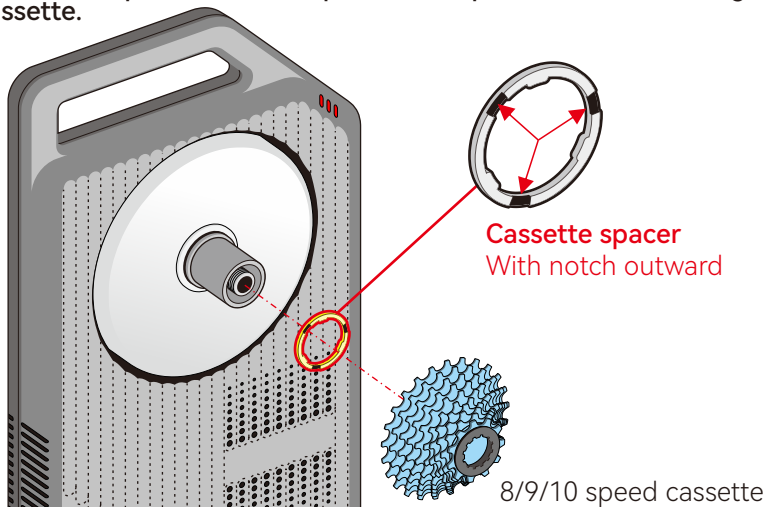
Lock the height of the foot

Rotate counterclockwise to secure

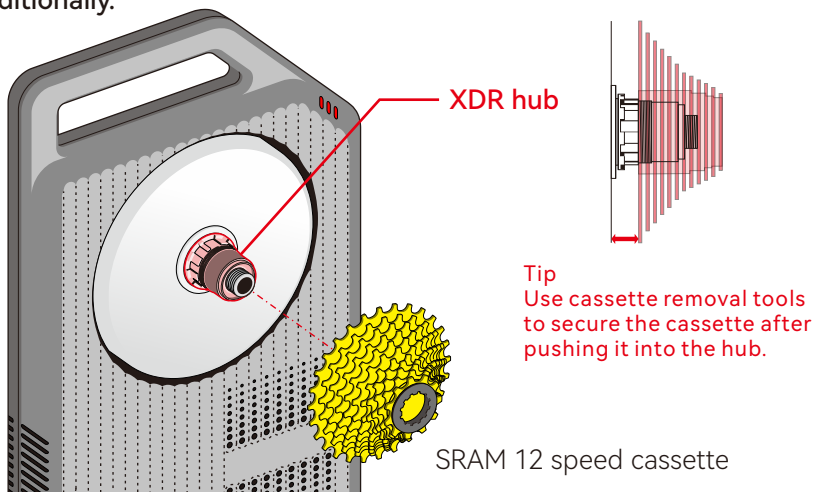
## 2.2 Cassette Mounting

T2 comes preinstalled with a cassette. Read instruction below if you need to mount another one.

1. For 8/9/10 speed cassettes, put on the spacer before installing the cassette.



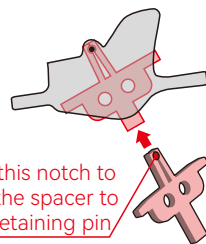
2. For SRAM 12 speed cassettes, an XDR hub will be needed to buy additionally.



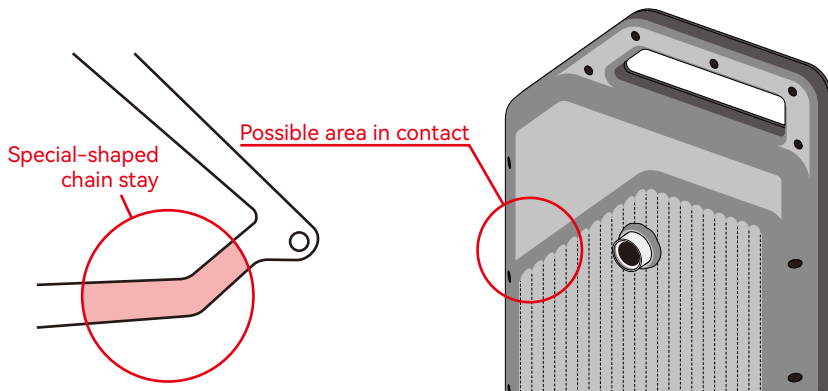
## 2.3 Precautions and Disclaimer

- 1 Identify the frame type and standard (thru-axle or quick release) before proceeding with installation.  
For **thru-axle**, refer to "2.4 For Bikes with Rear Thru-Axles" for installation.  
For **quick release**, refer to "2.5 For Bikes with Quick Release Skewers" for installation.  
Carefully go through the manual and compare it with the actual parts to make sure all of them are complete and properly installed before mounting your bike to T2.

- 2 For hydraulic disc brakes, install the pad spacer between the brake pads (as shown on the right) after removing the rear wheel, to prevent you from accidentally closing the brake without the rotor in place.  
Please use your own pad spacer if the spacer coming with T2 is not compatible with your disc brake.

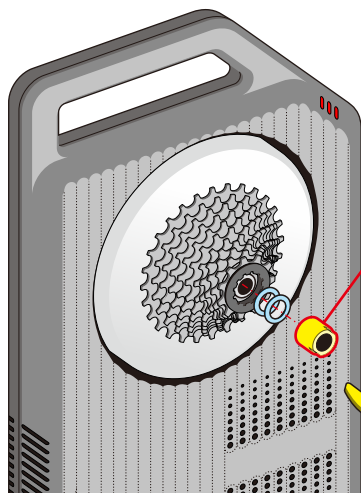


- 3 T2 is compatible with most quick release and thru axle frames including those with disc brake sets. However, there are still a few special frames, because of the shape of the rear fork and the location of the disc brake set, may not be compatible with T2.  
For bikes with disc brake sets and a chain stay shaped as shown below, they are very likely to be incompatible with T2, and do not force to install.  
For bikes with disc brake sets, make sure the disc brake set is not against the housing of T2. If you find any contact or friction, do not force to install.

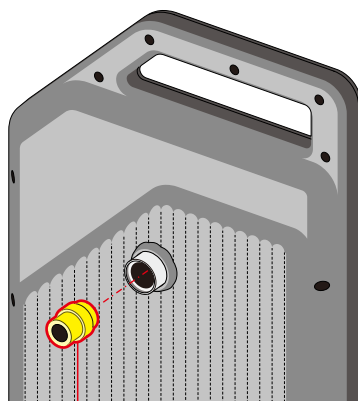


- 4 Read the manual thoroughly and be sure to follow the instructions provided in the manuals when using T2. Don't hesitate to contact us for support and don't force to install.  
CYCPLUS is not responsible for damage or loss caused by incorrect installation, incompatible bike frame or customer's forcing installation.

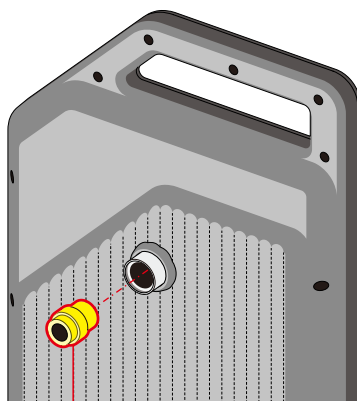
## 2.4 For Bikes with Rear Thru-Axles



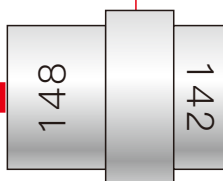
- 1** Install the Thru-axle adapter-R(03) with 17mm wrench(07)  
T2 comes preinstalled with thru-axle adapter and 2 spacers.



- 2** Install the Thru-axle adapter-L(04)

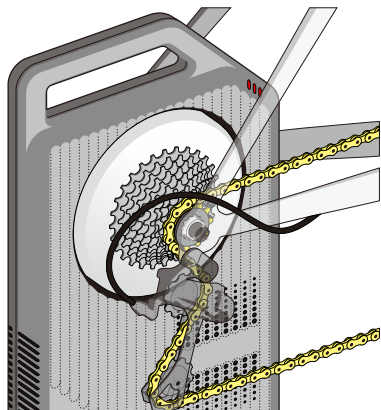
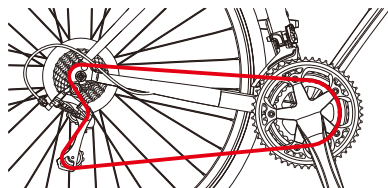


Outwards for  
Mountain bike

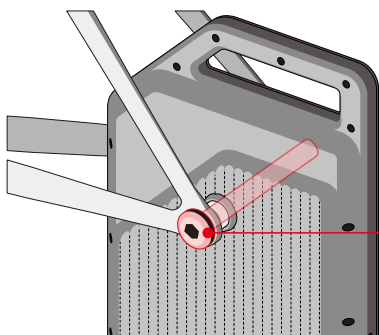


Outwards for  
Road bike

- 3** Adjust the shifter until the chain is on the smallest sprockets of both chainwheel and cassette. →



- 4** Align the bicycle chain with the minimum sprocket of the cassette and install the frame onto the bike trainer.



- 5** Secure the bike with the thru-axle of your bike.

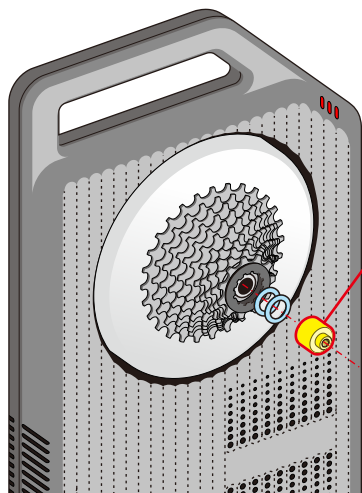
Original thru-axle

- 6** Shake the bike frame after installation to make sure the frame is secured to T2.



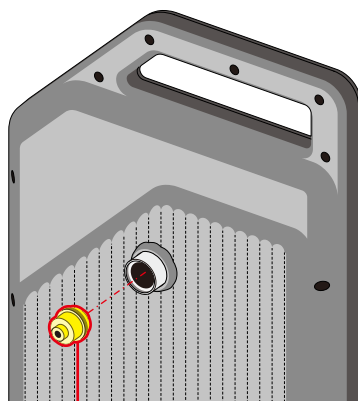
- WARNING!**
- ① Failure to properly secure the bike can result in serious property damage and personal injury.
  - ② Never adjust the quick release skewer or thru axle while someone is sitting on the bike.
  - ③ There're still a few bike frames incompatible with T2. Stop the installation immediately if any abnormalities occur.
  - ④ Please refer to the disclaimer and don't hesitate to contact us for any installation problems.

## 2.5 For Bikes with Quick Release Skewers



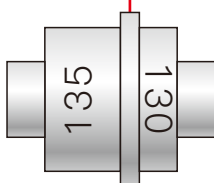
- 1** Install the Quick release adapter-R(05) with the Allen key(08).

T2 comes preinstalled with quick release adapter. Remove it before installation, and confirm 2 spacers are installed.

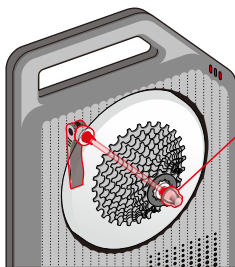


- 2** Install the Quick release adapter-L(06)

Outwards for  
Mountain bike  
& Road bike  
with disk-brake

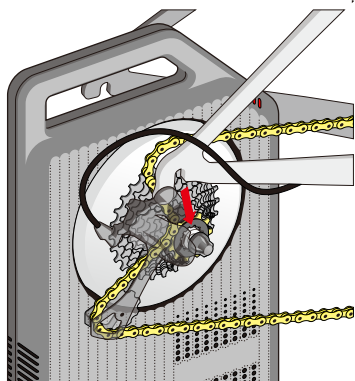
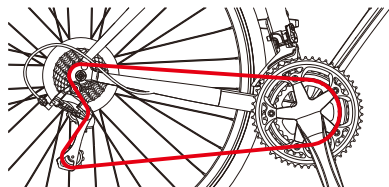


Outwards for  
Road bike  
with rim brake

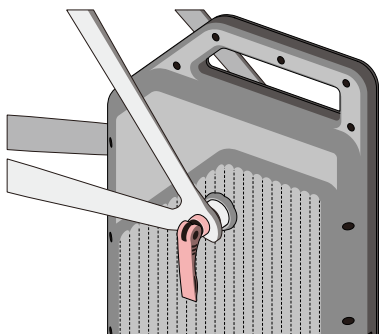


- 3** Insert the quick release skewer into the axle of T2 and install the nut in place, but don't tighten it yet, in order to install the bike frame.

- 4** Adjust the shifter until the chain is on the smallest sprockets of both chainwheel and cassette.



- 5** Align the bike chain with the smallest sprocket of the cassette on T2, and mount the frame to T2.



- 6** Adjust the lock nut of the quick release skewer, and lift and press the handle frequently at the same time until the pressing resistance is appropriate, then press the handle to secure the skewer.

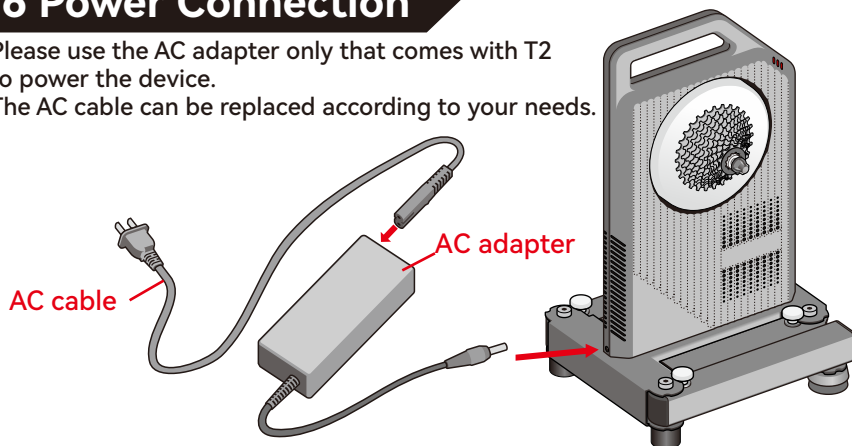
- 7** Shake the bike frame after installation to make sure the frame is secured to T2.



- WARNING!**
- ① Failure to properly secure the bike can result in serious property damage and personal injury.
  - ② Never adjust the quick release skewer or thru axle while someone is sitting on the bike.
  - ③ There're still a few bike frames incompatible with T2. Stop the installation immediately if any abnormalities occur.
  - ④ Please refer to the disclaimer and don't hesitate to contact us for any installation problems.

## 2.6 Power Connection

Please use the AC adapter only that comes with T2 to power the device.  
The AC cable can be replaced according to your needs.



## 3 Working Status

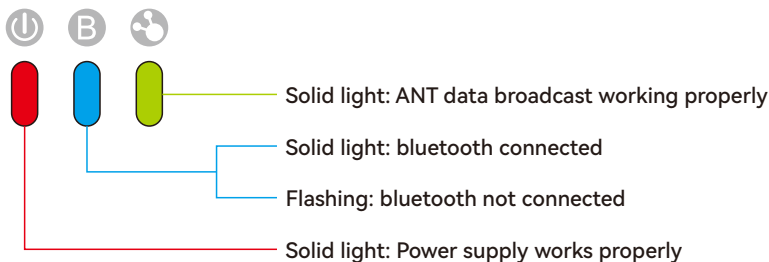
### 1. Working modes

T2 has 2 working modes, unplugged mode and plug-in mode. Plug-in mode can provide a better riding experience. The main functional differences between the two modes are as follows.

|                                 | Unplugged mode                                                                                                                                                                                                               | Plug-in mode                                   |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| Signal connection               | When you start riding, you need to pedal to generate power for wireless connection. After you stop, the LED indicator may go out, but the stored power will be available for the wireless signal to work for 5 more minutes. | Ready to connect Bluetooth and ANT anytime     |
| Downhill and inertia simulation | Unable to simulate downhill and flywheel inertia                                                                                                                                                                             | Able to simulate downhill and flywheel inertia |
| Climbing simulation             | When riding at low speed (<15KM/H), maximum gradient supported <15%.<br>No effect at high speed.                                                                                                                             | 17%                                            |

Notice: It is recommended for high-intensity riders to ride in plug-in mode for electricity to dissipate heat for T2 after stop.

### 2. Indicators



## 4 Application

1. Please download "CYCPLUS" App in [App Store](#) or [Google Play](#).



CYCPLUS APP



App Store



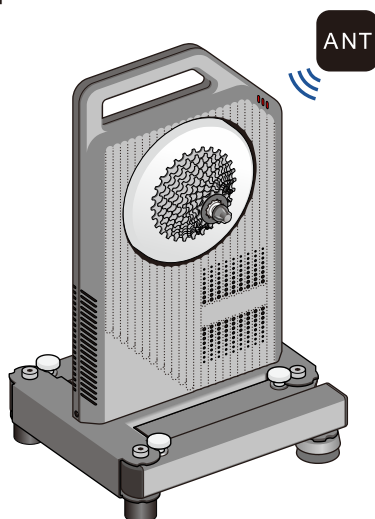
Google Play

2. T2 is a true direct-drive trainer and requires no calibration.

3. T2 supports both Bluetooth and ANT+ wireless connection protocols when using indoor cycling Apps.

We recommend using Bluetooth connection in preference, for more stable signal.

For ANT+ connection, place the ANT receiver as close as possible to the indicator spot on of T2.



## 5 Spacers(for possible noise and friction)

### 5.1 Cassette adjustment spacer(for loud chain noise)

If the chain noise becomes too loud while training, it may be because the distance between the T2 cassette and the rear fork (A) and the distance between your original cassette and the rear fork (B) are different, and the bike chain and cassette do not fit well.

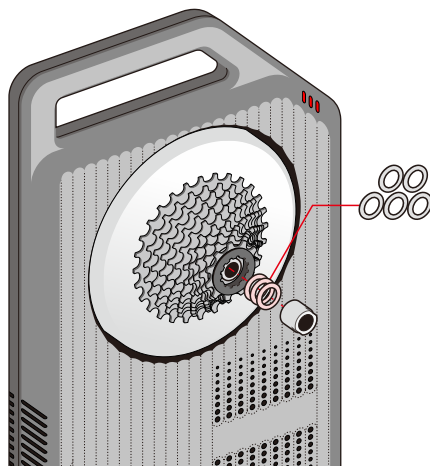
For your convenience in adjusting the distance, there are 2 spacers pre-installed between the cassette and the Thru-axle adapter-R or Quick release adapter-R.

1.  $A < B$  Try adding more cassette adjustment spacers to T2.

Each piece is about 0.4mm thick.

2.  $A > B$  Try removing some spacers to reduce the distance.

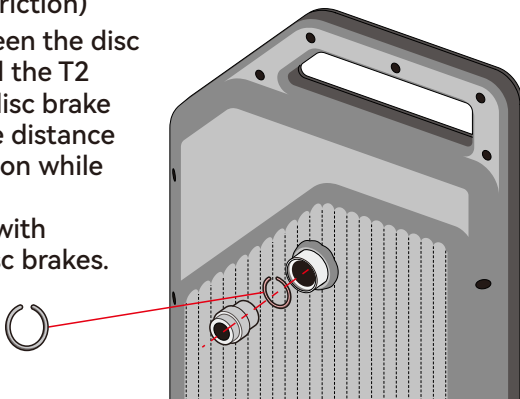
If there are still issues after removing all the spacers, please contact us for help.



### 5.2 Disc brake spacer(for friction)

If friction occurs between the disc brake on your bike and the T2 housing, you can use disc brake spacers to increase the distance between to avoid friction while training.

\*This mostly happens with SRAM spec 140mm disc brakes.



Visit our youtube channel ([CYCPLUS](#)) for more detailed official videos, or contact our customer service for more information.

## 5 Specifications

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Model                     | CYCPLUS T2                                                                                        |
| Type                      | Intelligent Direct - Drive Trainer                                                                |
| Magnet                    | 50 neodymium magnets + 45 sets of electromagnets                                                  |
| Structure                 | Foldable X-shape                                                                                  |
| Dimension(unfolded)       | 520*699*510 mm                                                                                    |
| Dimension(folded)         | 300*257*510 mm                                                                                    |
| Net Weight(with cassette) | 33.5lbs(15.2kg)                                                                                   |
| Power supply              | 48V/2.5A(Unplugged mode supported)                                                                |
| Max power                 | 2200 W                                                                                            |
| Output power (40km/h)     | 1800 W                                                                                            |
| Accuracy                  | ±1%                                                                                               |
| Calibration               | No calibration needed                                                                             |
| Max gradient              | 17%                                                                                               |
| Downhill simulation       | Plug-in mode only                                                                                 |
| Max torque                | 75 N.m                                                                                            |
| Max braking force         | 220 N                                                                                             |
| Wireless signal           | Bluetooth 5.0 & ANT+                                                                              |
| ANT+FE-C protocol         | √                                                                                                 |
| FTMS protocol             | √                                                                                                 |
| Frame compatible          | 5*130/5*135(Quick release)<br>12*142/12*148(Thru-axle)                                            |
| Cassete compatible        | Shimano 8-12 speed cassette<br>SRAM 8-11 speed cassette<br>SRAM 12 speed cassette(XDR hub needed) |



MADE IN CHINA