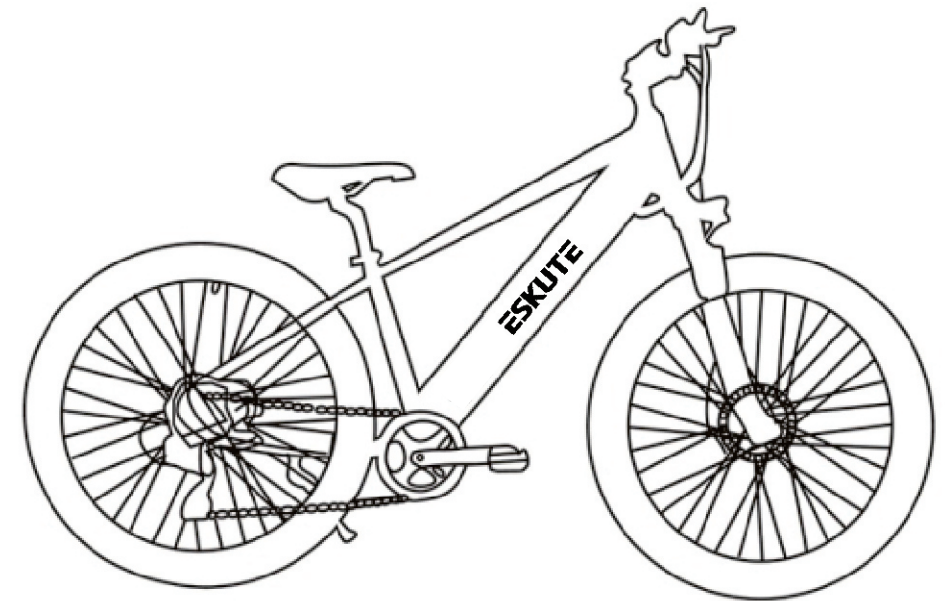




# User Manual

E-bike



Model:MYT- 27.5

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Made in China

**CE RoHS FC**

# **ESKUTE**

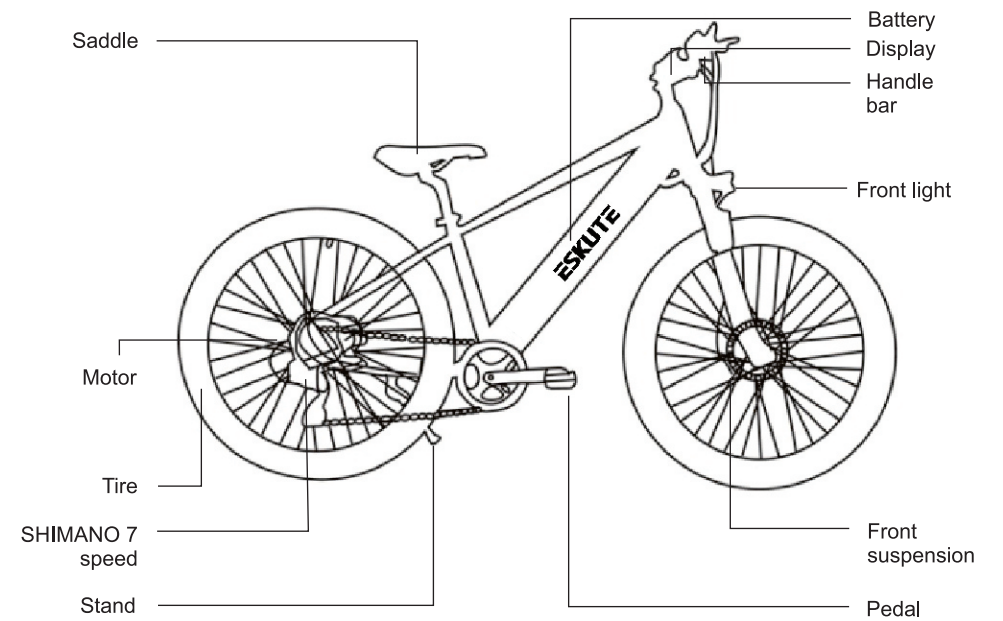
## **Instruction manual**

### **E-bike**

#### **1. Safety Instruction**

- 1.Thank you for purchasing the ESKUTE E-BIKE. The E-BIKE features the most recent innovation in technology.
- 2.For safety reasons, it is most important that you read this user's manual before you operate the bike. Improper handling can reduce its riding performance and most importantly, cause danger to your safe and healthy.
- 3.For handling and maintenance of the bicycle, please refer to the E-BIKE user's manual which is an integral part of this e-bike user's manual.
- 4.Do not at any time dismantle or disassemble any of the above e-bike components.
- 5.Please check all parts are tighten and locked before riding.
- 6.Please make sure that the battery charger and charging plug are always kept dry and never get wet.
- 7.The charger should only be cleaned with a dry cloth. Never use a wet cloth, oil or any other liquid.

## 2. Instruction



**Model : MYT-27.5**

## 2.1 Specification

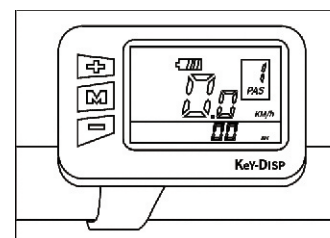
| Indicators         | Items            | Parameters  |
|--------------------|------------------|---|
| Dimensions         | Product size     | 71.7x26.0x44.9in(182x66x114cm)                                      |
|                    | Packing size     | 57.5x9.8x31.5in(146x25x80cm)  |
| Frame              | Material         | Aluminum  |
| Motor              | Type             | Brushless   |
|                    | Power            | 250W  |
| Battery            | Type             | Lithium   |
|                    | Capacity         | 48V 10AH  |
|                    | Management       | Balance, over-charge, under-voltage, overheating, automatic shutoff |
|                    | Watt hours       | 480WH   |
| Derailleur         | SHIMANO          | 7 speed   |
| Display            | Meter            | LCD   |
| Front fork         | Front fork       | Suspension front fork   |
| Tire               | Front tire       | 27.5*2.1  |
|                    | Rear tire        | 27.5*2.1  |
| Riding requirement | Suitable height  | 120-200cm   |
|                    | Load capacity    | 265 lbs(120kg)  |
|                    | Speed            | 25 km/h, based on terrain & rider weight                            |
|                    | Range            | With PAS 80-100km   |
|                    | Suitable terrain | Hard surface, flat road, ramp under 20°                             |
|                    | Working temp.    | 0°C to 40°C   |
|                    | Storage temp.    | -20°C to 50°C   |
| Vehicle weight     | Net weight       | 25kg  |
|                    | Input voltage    | 185-240V, 50/60Hz   |
| Charger            | Output voltage   | 54. 6V, 2A  |
|                    | Charging time    | 6-8 hours   |

## 2.2 Main Parts

|                          |   |
|--------------------------|---|
| Electric Bike            | 1 |
| Charger                  | 1 |
| 8-10/13-15/14-17 Spanner | 3 |
| 4/5/6 Allen Key          | 3 |
| "-" & "+" Screwdriver    | 1 |
| User Manual              | 1 |
| Warranty Card            | 1 |

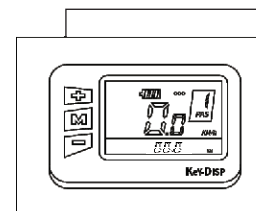
## 3. Meter Operation

### 3.1 Meter instruction

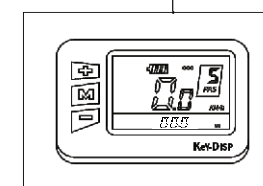


### 3.2 Meter operation

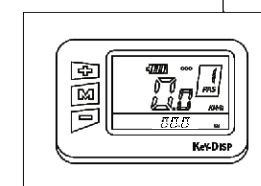
#### Meter operation



To switch on/off the e-bike system, hold the MODE bottom for 2s. The default value is PAS "1".



To change assistance level, press the UP / DOWN to increase and decrease until the desired assistance level is displayed.



Full electric function: Press "-", until the PAS become "0", it's electric function.

### 3.3 Operation Cautions

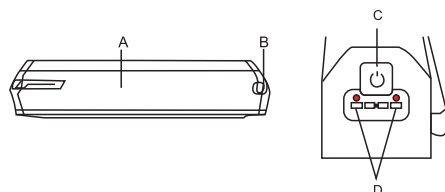
Be careful of the safety use. Don't attempt to release the connector when charging the battery.

- Avoid the risk of collision.
- Don't modify system parameters to avoid parameters disorder.
- Make the display repaired when error code appears.

### 4. Battery & charge

#### 4.1. Battery and charger overview

A - Battery  
B - Capacity display  
C - Charging socket  
D - Battery port



A - Socket (100 ~ 240V) (type will vary)  
B - Charger  
C - Charge indicator  
D - Charging socket

#### 4.2. Charge instruction

- To charge the battery with the bike, simply place the bike within reach of the power supply and plug it in.
- The battery can either be charged while on the bike or the battery can be removed and charged at a place of your convenience.
- The RED light indicates it is in charging and GREEN light indicates the battery is fully charged. (Please put off plug from wall) Usually the charging time is 6-8 hours depends on the battery capacity remain.
- Warning: Charging time over 10 hours is prohibited please keep it away from high temperature environment and stores it in a cool place.

#### 4.3. Charge environment

When storing the battery for a longer time period, (e.g. during winter time) it is important to place the fully charged battery on a flat and dry place.

- Keep the battery and charger away from water and heat sources.
- Do not connect positive and negative terminals.
- Keep the battery away from children and pets.
- Use the battery and the charger only for the intended purpose as part of your e-bike.
- Do not cover the battery or the charger, place objects over them or place any objects on them.
- Do not expose the battery or the charger to shocks such as falling.
- Stop charging immediately if you notice something unusual

#### 4.4. Attention

- In the unlikely event that the battery catches fire, DO NOT attempt to extinguish the fire with water. Instead, use sand or another fire retardant to extinguish the fire.
- Please charge the battery with the specified charger.
- Do not use or charge the battery at high temperatures and do not place the battery near fire.
- Do not short-circuit the positive (+) and negative (-) terminals of the battery.
- Do not immerse the battery in water or acidic fluid.
- Avoid contact with the battery and the charger during charging. The charger heats up considerably.
- Please note the additional information on the back of the battery case.
- Store the battery in a clean and dry environment and recharge the battery every two months if you are not going to use it for a long time.
- Keep the battery out of reach for children.
- Never try to open the battery.

##### 4.4.1. Use

When the battery is lower than 1bar, the motor will stop working. If only use the headlights, they will remain in use for about 2 hours.

The remaining battery power can be checked by pressing the control button under the indicator LEDs. The handlebar-mounted display also shows the remaining power when the bike is in use.

Perform a full discharge of the battery (ride your e-bike until the battery is completely empty) after 15 normal charges or every three months; this will help to increase the life of the battery. The charging time is about 6-8 hours per charging cycle. Please do not charge the battery for more than 10 hours at a time.

##### 4.4.2. Storage

If the bike is not used for more than a month, it is best to store the battery as follows:

- At 40% -60% of its capacity, recharge once a month for 30 minutes.
- At temperatures between 0°C and 40°C.

If the battery is not in use, it should be checked once a month. At least one LED should blink to indicate that there is still charge. Charge the battery if necessary.

It is important to charge the battery at least every two months. Failure to do so may damage the battery and void the battery warranty.

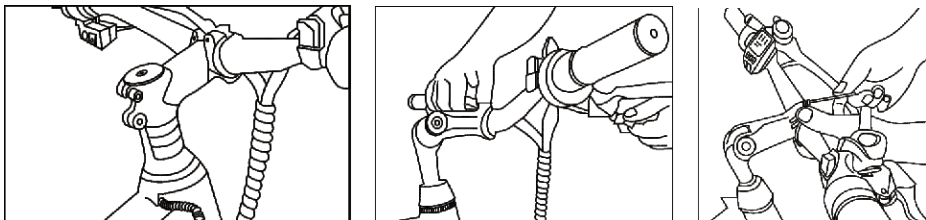
## 5. Installation Instruction

When open the bike's carton box, take out E-bike and use tools to cut off the package strings.

### 5.1. Install the handlebar:

5.1.1 Use inner hexagon tool to loosen the stem cover and don't tighten all bolts immediately before adjusting the handlebar in a property angel and position.

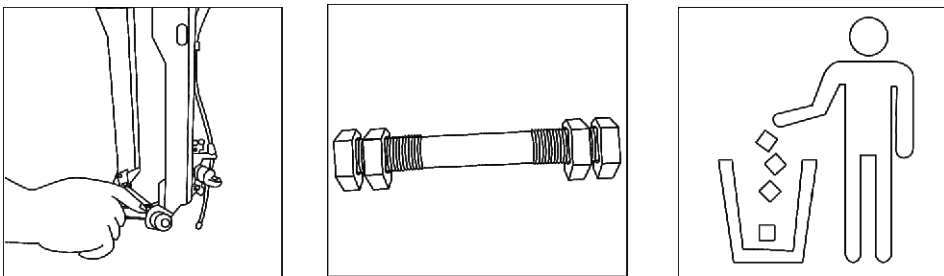
5.2.2 Then tighten with tool.



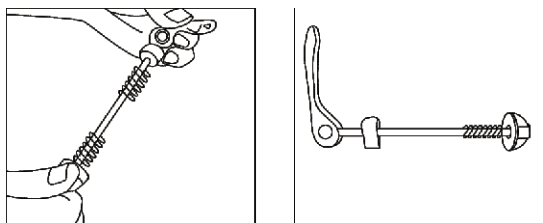
### 5.2 Install front wheel:

5.2.1 Take out the front fork protector from the front fork.

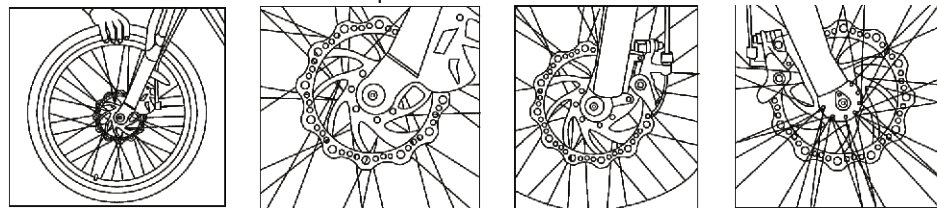
(Please note: Front fork protector is used to prevent the forks from being deformed during transport. It belongs to the packing material. You can just throw away this accessory!)



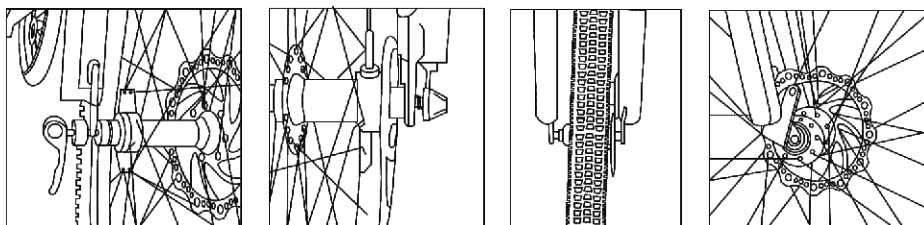
5.2.2 Take out the quick release from Wheel and unscrew the bolt from the quick release.



5.2.3 Install the front wheel on the fork. Make sure the fork is attached to the axle and make sure the disc is placed in the middle of the brake.



5.2.4 Insert quick-release axle into spring and tighten screw (Quick release nut to be at the same end as the brake).



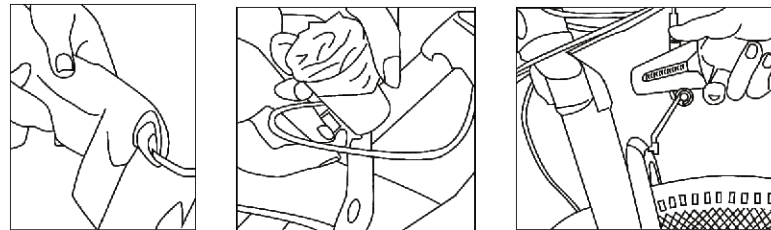
5.2.5 Inflating the tires

warning:

- The tire pressure should be checked each time before driving or at least once a week.
- Check the marked area on the sidewalls of the tire, which shows the minimum and maximum tire pressure, and make sure that the tire pressure is in the marked area. If the tire pressure is too low, the wheel may be damaged or the inner bicycle tube pinched, which may result in a flat tire. If the tire pressure is too high, the tire may come loose from the rim and thereby damage the bicycle or injure the driver and people in close proximity.
- It is recommended to use a bicycle pump with built-in air pressure gauge to ensure that your tire always has the desired and correct tire pressure.

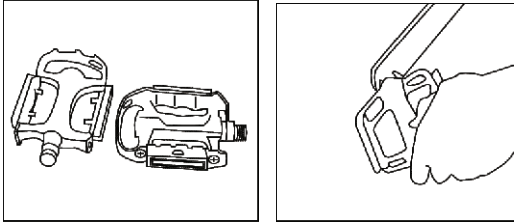
### 5.3 Install the front light

5.3.1 Mount the headlight on the front fork bracket with screws.



#### 5.4 Install pedals

Check 2 pedals, the one imprinted "L" should install in left side and "R" in right side. Please use wrench to tighten them.

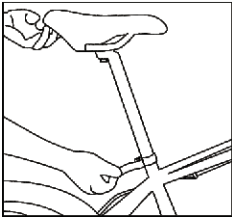


#### 5.5. Install the seat post.

5.5.1 Open the seat post and saddle, then install the rear reflector;

5.5.2 Put the seat post into the frame;

5.5.3 Adjust seat post to the height that suits your riding position best and tighten quick release. (Please make sure that the quick release is tightened firmly.)



#### 5.6. Adjust angle

Adjust angle of brake lever, meter, gear shifter, throttle on handle bar, then tighten them with tools.

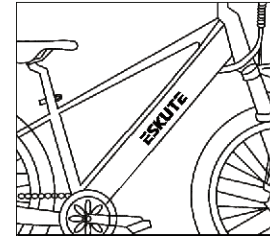
#### 5.7. Install battery

Each ESKUTE e-bike comes with two copies of the battery key. Charging the battery on the bike is likely to result in infrequent use of the battery key however, it is required for maintenance and repair, so please keep this in mind when you store your key.

- Make sure you always have at least one spare key.
- Keep spare keys in a safe place for repairs, maintenance, and emergencies.
- Please bring the key with you when you contact your dealer for service or repair.

5.7.1 Open the box of battery

5.7.2 Tube the battery to correct angle and insert the battery into the holder gently, press it down and lock automatically.

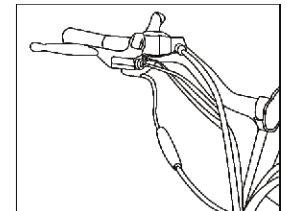
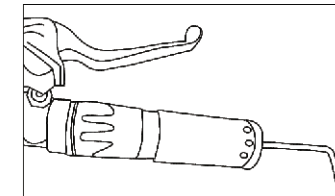


#### 5.7.3. Integrated downtube battery outside the bike

- Insert the key to unlock the battery, and then pull the battery upwards.
- Remove the battery.
- Connect the charger to the battery.
- Connect the charger to a power outlet.
- The charging process can be stopped at any time.
- Disconnect the charger first from the power outlet and then from the battery.
- Replace the battery and make sure it is correctly aligned at the bottom.
- Press the top of the battery until you hear a "click" to make sure the battery is properly secured.
- Pull the key out.
- Your ESKUTE e-bike is ready for use.

#### 5.8. Change throttle ( This is a giveaway, and only applies to european, european customer can choose whether or not to change the throttle)

1. Take right side grip.
2. Connect two cables.



#### 5.9. Connection Diagrams

To increase the range, we recommend switching to speed. For starting and at low speeds, a lower gear is best. At higher speed, a higher gear should be selected. Reduce the pressure on the pedals during shifting for smooth support and improved range.

- High speed, high gear.
- Low speed, low gear.
- Reduce pressure on the pedals when shifting.

## 6.Recommendation and maintenance

### 6.1. Range

The range of a battery charge depends heavily on various conditions, such as (but not limited to):

- Road conditions, such as road surface and inclination.
- Weather conditions, such as temperature and wind.
- Cycling conditions, such as tire pressure and maintenance level.
- Use of the bicycle, z.Acceleration, switching and support level.
- Weight of driver and load.
- Number of charge and discharge cycles.

### 6.2. General requirements

ESKUTE e-bikes use metal enclosures to protect the electrical components. Therefore, we strongly advise against using too much water to clean the housings and parts around them. Use a soft cloth with a neutral solution to wipe the dirt off the covers. Then wipe everything dry with a clean, soft cloth.

- Do not use high pressure cleaner or air hoses for cleaning;this can cause water to get into electrical components, which can lead to malfunction.
- Do not clean plastic parts with too much water.If the internal electrical parts are affected by water, the insulator can corrode, which can lead to power loss or other problems.
- Do not use soap solutions to clean the metal parts. Non-neutral solutions can lead to discoloration, distortions, scratches.,etc.
- Avoid leaving the bike outdoors.

If you are not driving, leave the bike in a place that is protected from snow, rain, sun.,etc. Snow and rain can lead to corrosion of the bike.Ultraviolet rays from the sun can cause unnecessary color fading or break rubber or plastic parts on the bike.

### 6.3. Maintenance schedule

In order to keep your ESKUTE e-bike in optimal condition and to make your driving experience as pleasant as possible, we strongly recommend that you follow the recommended maintenance schedule. You should carefully read the maintenance plan and view it as an important document, next to your bike.

| Maintenance schedule                                 | Every ride | Weekly | Per month | Half-yearly | Yearly |
|--|------------|--------|-----------|-------------|--------|
| Tire Pressure  | ✓          |        |           |             |        |
| Tire Condition                                       | ✓          |        |           |             |        |
| Visual Inspection                                    | ✓          |        |           |             |        |
| Brake Lever Pressure                                 | ✓          |        |           |             |        |
| Quick Release  | ✓          |        |           |             |        |
| Handlebar Orientation                                | ✓          |        |           |             |        |
| Saddle Orientation                                   | ✓          |        |           |             |        |
| Battery Is Locked                                    | ✓          |        |           |             |        |
| Wheel Check  | ✓          |        |           |             |        |
| Check Frame Condition<br>(including Welds On Cracks) |            | ✓      |           |             |        |
| Clean And Lubricate Chain                            |            | ✓      |           |             |        |
| Testing Brake Pads                                   |            | ✓      |           |             |        |
| Lubricate Forks                                      |            |        | ✓         |             |        |
| Lubricate Brakes And Cables                          |            |        | ✓         |             |        |
| Lubricate Folding Mechanism                          |            |        | ✓         |             |        |
| Check All Screw And Torque Settings                  |            |        | ✓         |             |        |
| Clean The Bike                                       |            |        | ✓         |             |        |
| Recharge Battery                                     |            |        | ✓         |             |        |
| Check The Wheel Spokes                               |            |        | ✓         |             |        |
| Check The Rim Condition                              |            |        | ✓         |             |        |
| Check Saddle, Rods And Clamp                         |            |        | ✓         |             |        |
| Lubricate Bottom Bracket                             |            |        |           | ✓           |        |
| Check The Hub Bearing                                |            |        |           | ✓           |        |
| Check The Lower Bottom Bracket                       |            |        |           | ✓           |        |
| Replacing The Brake Pads                             |            |        |           |             | ✓      |
| Replacing The Brake Cables<br>(depending On The Use) |            |        |           |             | ✓      |
| Replacing The Tires<br>(depending On The Use)        |            |        |           |             | ✓      |



#### **6.4 Warranty**

As with all mechanical components, E-Bikes (EPAC) are subject to wear and high loads. Different materials and components can react in different ways to wear or fatigue. If the design life of a component has been exceeded, it can suddenly fail and potentially cause injury. Any form of cracking, scratching or color change in heavily loaded areas indicates that the life of the component has been reached and should be replaced.

Changes to components of your bike, such as the fork or the frame, can make the particular part or the entire bike insecure. A poorly installed or modified component can increase the load on all other components, greatly increasing the likelihood of failure. Changes can also negatively affect the handling of the bike, resulting in loss of control, falls and serious injuries. Please do not add, remove or modify any components of your bike in any way. Find a trained bicycle mechanic if necessary. Furthermore, we recommend that you contact us (ESKUTE) in advance before changing or adding any components to ensure the safety of driving.

#### **6.5. Important safety instructions**

1. Always wear a helmet while driving. Make sure your helmet complies with local laws. Keep body parts and other objects away from moving bicycle parts that can cause damage, such as wheels and chain. Do not place objects on the battery or the motor. Do not obstruct the drive in any way.
2. Always wear sturdy shoes that grip the pedals safely. Never ride barefoot or with sandals.
3. Familiarize yourself with the controls of your bike.
4. Wear bright, visible clothing that is not so loose that it accidentally gets caught on moving parts of the bicycle or is caught by objects on the side of the road or the road.
5. Do not jump on your bike. Jumping on bicycles puts a lot of strain on most components, such as spokes and pedals. One of the most vulnerable parts for jumping damage is your front fork. Drivers who insist on jumping with their bike risk both damage to the bike and serious personal injury.

6. Pay attention to your speed and keep it at a level that, for example, is adapted to the current weather conditions. Always remember that there is a direct relationship between speed and control, and speed and component load.
7. Always follow the local traffic rules.
8. Never drive under the influence of alcohol, medication or drugs.
9. If you have any health problems, consult your doctor before driving.
10. Never endanger yourself and others by reckless driving.
11. Please note that the braking distance increases on rough road conditions such as gravel or wet surfaces.
12. Please check the cable management of the brakes before cycling. Make sure both brakes are in good working order and in good condition.

The manufacturer is not liable for incidental or consequential loss or damage due to directly or indirectly use of this product. the use of this product.