



Non-contractual photos

# **Electric Scooter WISPEED SUVPILOT 480 R**

# **INSTRUCTION MANUAL**

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## **PLEASE READ BEFORE USE**

**IMPORTANT:** Please read carefully and retain for future reference.

This product is considered a class 2 light personal electric vehicle (PLEV) according to EN17128.

**WARNING:** Never use this vehicle outside the areas authorized by regulations.

Before using your scooter, please read the safety instructions and precautions for use. These are defined by clearly identifiable pictograms.

The use of your scooter is subject to the legislation in force in your country. Please check with the relevant authorities.

Any recommendation (or lack of recommendation) in this manual should in no way be considered as a transposition of current legislation.

# **1- Precautions for use and safety instructions**

## **1.1 General information**

- Read these instructions carefully
- Keep these instructions
- Follow all instructions
- Heed the warnings
- Do not attempt to disassemble or modify the unit, as this will invalidate the warranty.
- Refer all repairs to qualified personnel
- Do not remove the labels affixed to the product.
- Take the time to learn the basics of driving your vehicle to avoid any accidents that may occur in the first few months of use.
- Ask your dealer to refer you to an appropriate training organization.

## 1.2 Safety instructions & precautions for use



- Children under 14 are not allowed to use the scooter. The maximum age for using the scooter is 75. The minimum height for using the scooter is 155 cm. The maximum height for using the scooter is 210 cm.
- Avoid crowded or high-traffic areas.
- Your scooter is not suitable for pregnant women.
- This appliance may be used by children aged 14 and over under adult supervision, and by persons with reduced physical, sensory or mental capabilities or lack of experience or knowledge, provided they are properly supervised or have been given prior instructions by a person responsible for their safety on how to use the appliance safely and to understand any risks involved.
- Children must not play with the scooter. This scooter is not a toy. It is not intended for acrobatic use.
- Regularly check that your scooter is in good condition, read this manual carefully and make sure you understand all the product information before using it.
- Cleaning and maintenance by the user must not be carried out by children.
- Before each use, check the general condition of your scooter (condition of tires, tire inflation, brakes, battery, headlight, rear light).
- Your scooter contains parts that are subject to overheating, such as brake discs and wheels. Do not touch these parts for less than an hour after



using your scooter. Before each use, remove any sharp edges previously caused by use.



- We strongly recommend that all users wear appropriate protective gear when using their scooter to avoid injury in the event of a fall: closed shoes, helmet, gloves, knee pads, elbow pads.



- Fully recharge your scooter's battery before using it for the first time.



- Do not use your scooter in crowded areas for the first time. You'll need time to get used to the product.



- Use on public roads is regulated. You must use cycle paths. If you don't have one, you can only ride on roads with a 50 km/h speed limit.



- Outside built-up areas, you can only ride on green lanes and cycle paths.
- On sidewalks, in pedestrian zones, inside buildings or any other pedestrian area, you must ride with your scooter held in your hand.
- Check with local authorities for any traffic restrictions.



- Respect road markings, signs and traffic regulations. Give way to pedestrians when riding your scooter.



- Use your horn when approaching a pedestrian or cyclist who cannot see or hear you.



- When riding with others, maintain a safe distance of at least 6 meters between you to limit the risk of collision.
- In all circumstances, take care for your own safety and that of other road

users.

- Adapt your speed (and safety distance) to your surroundings so that you can stop your scooter at any time.
- Don't start or stop suddenly.
- Make sure you're always visible to everyone. At night, or as soon as the light fades, turn on your headlight and taillight, and wear a vest (or other retro-reflective equipment).
- Always keep your hands on the handlebars when using your scooter. Do not use your smartphone or any other object while riding.
- The use of earphones or headphones while driving is prohibited.
- It is forbidden to have more than one person on your scooter.
- The maximum weight supported by the scooter is 120 kg.
- The minimum weight for using the scooter is 50 kg.
- Failure to observe these weight recommendations will impair your scooter's acceleration and braking performance, and may put you at risk by reducing its ability to decelerate or stop safely.
- Any load attached to the handlebars will affect the vehicle's stability.
- It is forbidden to use accessories or additional components not approved by the manufacturer.
- Keep your body balanced when making turns to avoid falling due to shifting center of gravity or high speeds.
- Always keep your feet on the footrest when riding.



- A collision or fall can result in death or serious injury. Read the instruction manual to learn how to operate your scooter and control your vehicle in all circumstances.
- Do not jump over obstacles with your scooter.
- Do not jump on the scooter deck.
- Avoid driving on roads littered with scattered objects such as branches, garbage or small stones;
- Do not ride your scooter on roads with obstacles or on slippery roads where there is a risk of loss of grip, such as on snow, ice or water. Doing so could cause loss of grip and result in personal injury or property damage.
- Braking distances are considerably longer on wet roads, in rainy weather or when there is water on the road surface.
- Avoid riding on steep slopes. Do not use your scooter on excessively steep slopes - the maximum angle of inclination is 25%. Picking up speed on a slope that's too steep can cause the motor and battery to overheat, reducing your ability to brake safely.
- Take all the necessary safety precautions when learning to use your scooter. Remember that you can be injured if you lose control, collide or fall off your scooter.
- If a traffic accident occurs while you're riding your scooter, stay calm, secure the scene and wait for the appropriate personnel to deal with the



situation responsibly and legally.

- Do not use your scooter in an unsafe environment, i.e. where flammable products, steam, liquids, dust or fibers may cause a fire or explosion.
- **WARNING.** The plastic bags supplied with the scooter are not toys and must not be left within the reach of children.
- The rear mudguard must not be used as a brake. You risk damaging your scooter without being able to reduce your speed.
- Always fold up the stand before use.
- After use, stabilize the scooter by unfolding the stand on level ground.
- You must wear suitable, closed shoes for the entire duration of your scooter's use.
- The external flexible cable of the battery charger cannot be replaced. If the cable is damaged, the transformer must be disposed of.
- Be sure to unplug the mains plug before disconnecting the power cable.
- **Your scooter can't be switched on while it's plugged into its AC adapter, and the adapter itself is plugged into the mains.**
- Use under the influence of alcohol and/or drugs is prohibited.
- Being a motorized vehicle, **specific third-party insurance is mandatory** for driving.



- **WARNING** As with any vehicle, your scooter contains mechanical components that are subject to high stress and wear. Different materials and components react differently to wear and fatigue. If a component exceeds its life expectancy, it may suddenly break, risking injury to the user. Cracks, scratches and discoloration in highly stressed areas indicate that the component has exceeded its service life and needs to be replaced.
- City traffic involves crossing many obstacles, such as sidewalks and steps. Jumping over obstacles is forbidden. In all cases, anticipate your trajectory and speed, while respecting the Highway Code and other road users, especially the most vulnerable. It is strongly recommended to get out of the vehicle when these obstacles become dangerous due to their shape, height or risk of skidding.
- For more information on how to charge the battery, please see §5.1 "Charging the battery".
- Keep the printed instructions for future reference and read them carefully before use.

Logicom accepts no liability for personal injury and/or material damage caused by use of the product that does not comply with the instructions for use.



- If your scooter stops due to overheating, place it in a cool, dry place and wait for the battery and motor to cool down before using it again.

- **WARNING:** When recharging the battery, use only the detachable power supply unit supplied with the unit. Do not use any power supply or electrical device other than that supplied with the unit.
- The electrical socket to which the unit is connected must be installed close to the equipment and must always be easily accessible. Prevent anyone from stepping on (or tripping over) the power cable.
- Battery life depends largely on how you use it. Do not expose the battery to temperatures below 0°C or above 45°C. This could impair its operation.



0-45°

- Do not leave the battery on prolonged charge when not in use.
- Do not attempt to disassemble this product to gain access to the battery. The battery is non-removable.
- Do not disassemble, open or shred battery parts. Do not dispose of the battery in fire or water. Do not charge the battery if the ambient temperature exceeds 45°C.
- In the event of battery leakage, take care not to let the liquid come into contact with skin or eyes. If this happens, wash with plenty of water and consult a doctor.
- For repairs or battery replacement, please contact a qualified technician.

- Dispose of battery and equipment separately. Do not dispose of the battery with household waste. For information about recycling the battery and the scooter, please contact your local municipality, your local waste disposal center or the point of sale where you purchased this product.
- **WARNING.** This product may contain small parts, posing a choking hazard to children.
- Take the time to learn the basics of riding an electric scooter, to avoid any serious accidents that may occur in the first few months.

## 2- Product overview

### 2.1 About the WISPEED SUVPILOT 480 R

The WISPEED SUVPILOT 480 R is a two-wheel electric scooter. Its simple operation, accessible controls, splash-resistance and environmental-friendliness make it an ideal way to get around urban areas.



### 2.2 Package contents

- 1x WISPEED SUVPILOT 480 R electric scooter
- 1x Mains charger (Model: FY1505462000 Shenzhen Fuyuan dian Power Co., Ltd) (Input: 100-240 V AC, 2.5A, 50/60 HZ; Output: 54.6 VDC, 2A) 
- 1x User manual 
- 2x Hexagonal wrenches 
- 1x Open-end wrench 
- 1x Inflator nozzle 
- 6x Screws 

**WARNING!** In order to best protect your scooter when it is sent to the after-sales service, we strongly recommend that you keep the packaging. This will prevent damage during transport, which would not be covered by the warranty.

## 2.3 Scooter description

1. Turn signals L/R
2. Handlebars (Description P.16)
3. Brake cable
4. Front reflector
5. Folding hook
6. Scooter folding mechanism
7. Headlight
8. Rear brake light
9. Stand
10. Front/rear shock absorbers
11. Rear motor
12. Front/rear disc brakes
13. Front mudguard





**14.** Charging connector

**15.** Footrest

**16.** Folding loop

**17.** Side reflectors

**18.** Rear mudguard

**19.** Brake handles

**20.** Gas pedal

**21.** Doorbell

**22.** Left-hand commo

(Description p.17)



23. Headlight indicator on (if icon displayed)

24. Speed indicator in km/h

25. Current speed mode indicator

26. Battery level indicator

27. Odometer indicator

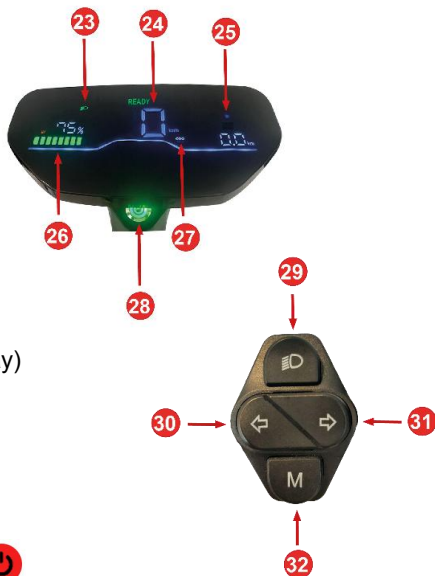
28. ON/OFF button 

29. Headlight switch on (if icon shown on display)

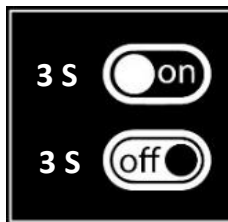
30. Left turn signal switch

31. Right turn signal switch

32. Speed mode selector switch



ON/OFF button operating mode



**Press for 3s (approx.) :** Start/ Switch off scooter

**Short press 7 times:** Set and reset password (Note: this function can only be performed within 30 seconds of switching on your SUVPILOT 480 R). Then confirm by pressing the ignition button 2 times in succession.

Left-hand Commodo operating mode



Briefly press 1 button: Switch front light on/off

Press button once: Turn left  signal on/off

Press button briefly once: Turn right  turn signal on/off

Press the  or button for 3s   Turn on the hazard warning lights, then press the  or  button once to turn them off.

Briefly press 1 button: change  gear ratio

Briefly press button 4 times:  odometer

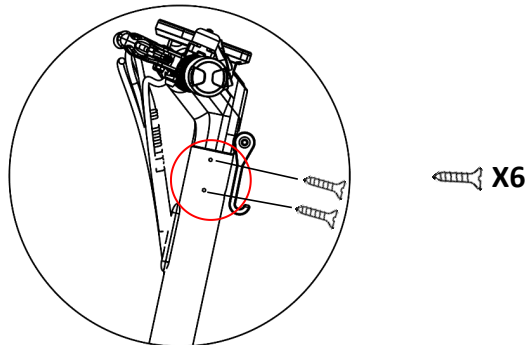
Long press 1 time on button:  switch to "Pedestrian speed".

#### Speed ratio selection :

- Gear 1: S speed - maximum 25 km/h
- Gear 2: speed D - maximum 20 km/h
- Gear 3: ECO speed - maximum 15 km/h
- Gear 4: pedestrian speed - maximum 6 km/h (headlights automatically on)

## 2.4 Scooter assembly

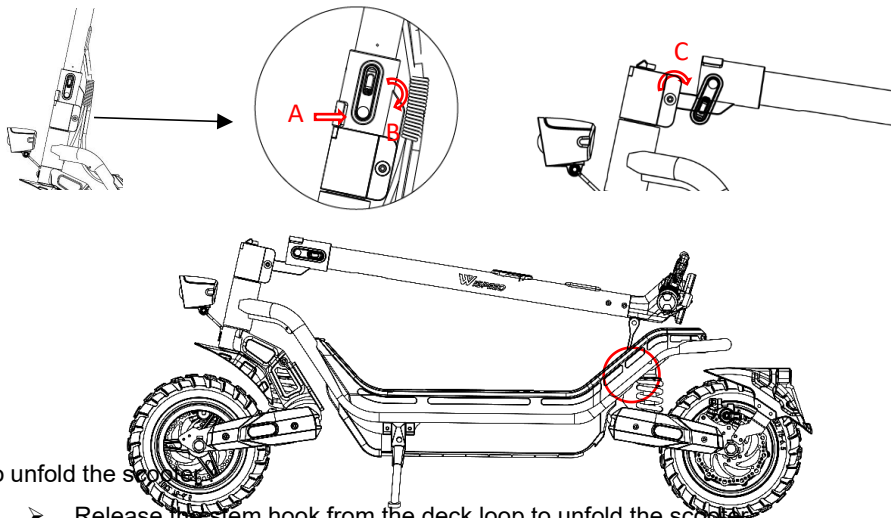
- 1°) Unfold the scooter (unfolding instructions p.20).
- 2°) Insert the handlebars into the stem tube, taking care not to pinch the cables (they should not force when inserted, and should slide easily). **Don't forget to connect the cable between stem and handlebar.** Orient the handlebars as shown below.
- 3°) Insert and tighten the six handlebar retaining bolts on the stem using the hexagonal key (supplied).
- 4°) Check that the handlebar does not move in relation to the stem. If the handlebar still moves in relation to the stem, retighten the six bolts and check again for any movement between the two.
- 5°) Check that tire pressure is between [2 and 2.6 bar] to avoid premature mechanical wear of the product (pump not supplied).



## 2.5 Folding the scooter

To fold the scooter, unfold the kickstand **then**

- Press the grey lever (A) while turning the swivel mechanism clockwise (B). Be sure to turn the mechanism all the way down to unlock the stem.
- (C) Swivel the scooter stem towards the platform
- Gently lower the stem until the stem hook makes contact with the deck loop, then make sure the hook is positioned in the deck loop before lifting the scooter.



To unfold the scooter:

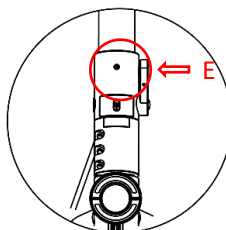
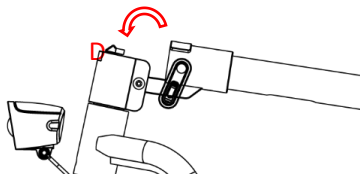
- Release the stem hook from the deck loop to unfold the scooter.

- (D) Reassemble the stem, making sure to hold the swivel locking mechanism in the lowered position so that the stem can lock properly in the unfolded position.
- Then lock the unfolding by folding the pivoting mechanism counter-clockwise until you hear an audible "click" (E).

Remember to always unfold the kickstand and park it on level ground when the scooter is not in use, to maintain its balance and avoid damage or injury caused by a fall.

The pivoting hook on the stem allows you to hold the scooter in the folded position.

**ATTENTION:** Make sure you fold the stem hook in when the scooter is unfolded and ready for use.



## 2.6 Headset adjustment :

(to be carried out regularly, every two months)

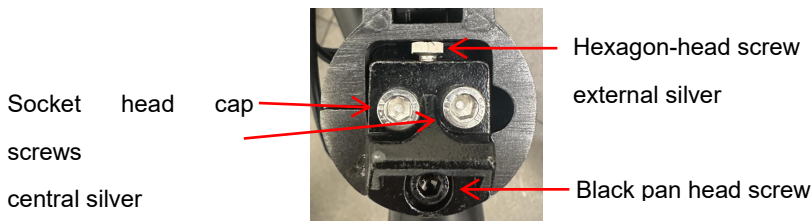
1° ) Apply the front and rear brakes and push the handlebars to check that the tube does not wobble back and forth. If the handlebar tube wobbles significantly, make the following adjustments to limit wobbling.

2° ) Bend the scooter to reveal the black socket head cap screw, the central silver socket head cap screws and the outer silver hex head cap screw.

3° ) Loosen the black socket head cap screw using the hexagonal key supplied.

4° ) Using the wrench supplied, loosen the outer hexagon head screw until the head contacts the stem wall.

5°) Then use the hexagonal key previously used to retighten the black socket head cap screw.



## **2.7 Headset compression adjustment: (to be carried out by a professional, only in case of hard steering or shaking)**

**6° )** Apply step **2°**).

If the steering is too hard: loosen the two silver-headed screws very slightly using the hexagonal key supplied;

If the steering is shaky, tighten the two silver-headed screws very slightly with the hexagonal key supplied.

## **2.8 Suspension adjustment**

The suspensions are professionally adjustable.

### **3- Instructions for use**

Your experience with bicycles, cars, skiing and similar means of transportation can help you master your scooter and handle it better.

- Before each trip, check that the tires are not damaged or deflated, and that none of the scooter's screws are loose. If you notice anything unusual, contact your local dealer.
- Do not modify any part of your scooter, as this could reduce its performance, damage it or even cause serious injury to the user or other users.
- When switching on, all digits will light up. This is a normal situation.

#### **3.1 Weight limits for users**

- There are several reasons for weight restrictions:
  1. Ensuring user safety.
  2. Avoid damage to the scooter due to overloading.
- Minimum weight: 50 kg.
- Maximum weight: 120 kg.

## 3.2 Autonomy

Range on a full charge can be up to 65km, but varies greatly depending on a number of factors, such as :

- **Terrain:** Dry, smooth, flat terrain increases the distance covered. Positive slopes reduce range.
- **User weight:** The user's body weight has an impact on range. The heavier the user, the shorter the range.
- **Tire inflation:** The recommended pressure range for both tires is [2 to 2.6 bar]. Outside this range, the risk of a puncture is higher, mechanical wear of the product is accelerated and range is greatly reduced.
- **Ambient temperature:** Storing and using your scooter at the recommended temperature can increase battery life. Conversely, using the scooter outside these temperature parameters reduces it.
- **Speed and driving habits:** Driving at a constant, low speed increases range. Conversely, frequent starting, stopping, accelerating and slowing down reduce range.
- **Maintenance:** Having a well-maintained scooter (properly inflated tires, correctly adjusted brakes, etc.) preserves autonomy.
- Range, climbing capacity and speed may vary according to user weight, use,

temperature and altitude difference.

### **3.3 Speed limits**

- The top speed of the WISPEED SUVPILOT 480 R in S gear is 25 km/h.
- The maximum speed of the WISPEED SUVPILOT 480 R in D gear is 20 km/h.
- The maximum speed of the WISPEED SUVPILOT 480 R in ECO mode is 15 km/h.
- The maximum speed of the WISPEED SUVPILOT 480 R in pedestrian mode is 6 km/h.

### **3.4 Braking**

The WISPEED SUVPILOT 480 R has two disc brakes, one at the front and one at the rear, and an electronic rear brake, giving it effective braking that needs to be well controlled.

Please note the following points:

- To slow down, simply release the gas pedal.
- To brake, press a brake lever. The left brake lever controls the rear disc brake and the electronic brake. The right-hand brake lever controls the front disc brake and the electronic brake. Sudden braking can lead to imbalance and a fall, so gradually apply the brake lever to slow down safely. Avoid pressing hard on the brake lever, as this may result in sudden braking.

- Do not tighten your brake cable more than necessary. The rear wheel must not be completely locked to avoid slipping during emergency braking.
- Never touch brake discs with your fingers



**The rear mudguard is not a brake, and you must not use it to brake. You risk damaging your scooter without being able to lower your speed.**

### 3.5 Indicator lights

- **Turn signals:** You must activate the desired turn signal by pressing the corresponding button on the turn signal control located on the left of the handlebars, then press the same button again to remove it. Turn signals do not deactivate automatically; press the same button again to deactivate them.
- **Tail light:** The tail light (or "stop light") flashes as long as the brake lever is activated. It also flashes as long as you are in pedestrian mode.

## 4- How to use your scooter

**Step 1:** Check that the silicone cap covers the charging connector, and the overall integrity of your product.

**Step 2:** Unfold the scooter and check that the steering system is correctly adjusted and that the stem is locked and undamaged. Then press the power button for 3 seconds without touching the gas pedal or brake.

**Step 3:** Check that the brakes and wheels are in good condition and that the stand is properly folded.

**Step 4:** Once the scooter is switched on, place one foot on the platform and push forward with the other foot, without using the gas pedal.

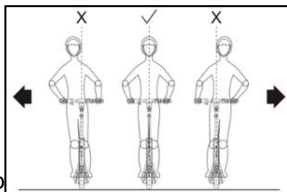
**Step 5:** You need to reach a speed of between 3 and 5 km/h to be able to use the gas pedal and switch to electric mode. You can change the gear ratio by pressing the To accelerate, use the "trigger" close to your nt hand.

**Step 6:** To brake, use the brake levers on either side of the handlebars.

**Step 7:** To switch off your scooter, press the power button for 3s.

## **IMPORTANT:**

- To avert any danger, sharp turns should always be avoided when travelling at high speed.



The ideal p

## **5- Using and charging the battery**

This section covers charging methods, battery maintenance, safety points and battery specifications. To ensure your safety and that of others, and to extend battery life and performance, handle and use the battery as follows.

### **WARNING! :**

Do not use your scooter when the battery is low or when the system requests a safe stop. Battery life will be reduced if you continue to use the WISPEED SUVPILOT 480 R when the battery level is low.

### **5.1 Charging the battery**

When the battery level indicator on the control screen flashes red, this means that the voltage is low and the scooter will not have enough power to run normally. Pull

over, as this may cause instability and shorten battery life. We strongly recommend charging your scooter when the battery level is at or below 15%.

To charge your battery, please follow these steps:

- Check that the charging connector on the tray is dry.
- Connect the supplied mains charger to the scooter via this connector
- Plug the mains charger into a mains socket.
- If the charger indicator on the charging unit lights up red, the battery is being charged correctly. If the light is green, check that the cable is correctly connected to the scooter.
- A full charge of the WISPEED SUVPILOT 480 R takes around 9h.
- When the charger indicator turns from red to green, charging is complete.
- Unplug the mains cable, then the scooter side.

### **IMPORTANT:**

- Charging for too long can shorten battery life. Do not leave your scooter connected to the charger overnight.
- Make sure you fully recharge your scooter's battery every time you charge it, to maximize its lifespan.
- Keep the loading environment clean and dry.
- Do not charge the battery if the charging plug is wet or damp.

**WARNING! :**

The scooter cannot be switched on when connected to the mains.

## 5.2 Battery characteristics

|               |             |
|---------------|-------------|
| Battery model | FS026       |
| Battery type  | Lithium-ion |
| Charging time | About 9h    |
| Rated voltage | 48 V        |
| Capacity      | 18 Ah       |

## 6- Error codes

If a malfunction occurs while using your WISPEED SUVPILOT 480 R, one of the following error codes will appear on the display:

| CODE | Screen icon                                                                       | SIGNIFICANCE                      | START-UP APPEARANCE | APPEARANCE IN OPERATION |
|------|-----------------------------------------------------------------------------------|-----------------------------------|---------------------|-------------------------|
| E6   | /                                                                                 | Motor overheating                 | Service return      | Off - Wait for cooling  |
| E8   |  | Overvoltage or undervoltage fault | Service return      | Stop - Service return   |
| E10  |  | Communication anomaly             | Service return      | Stop - Service return   |
| E11  | ECU                                                                               | Controller fault                  | Service return      | Stop - Service return   |
| E14  |  | Gas pedal malfunction             | Service return      | Stop - Service return   |
| E15  |  | Brake malfunction                 | Service return      | Stop - Service return   |
| E16  |  | Motor fault                       | Service return      | Stop - Service return   |

If the problem persists, go to the Urban Glide section and the Support section of our website: [www.wispeed.net](http://www.wispeed.net) . If the error persists, return the product to the point of sale where you purchased it for after-sales service.

## 7- Maintenance and storage

Your scooter requires regular maintenance. The following steps describe the most important maintenance requirements.

### 7.1 Cleaning

- Check that your scooter's power supply and charging cable have been disconnected.
- Clean your scooter with a soft, dry cloth.

#### **WARNING!**

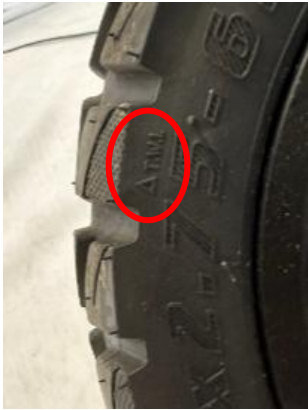
Your WISPEED SUVPILOT 480 R is IP65 certified. This means it is splashproof. However, it must not be immersed in or exposed to a jet of water. Never clean the WISPEED SUVPILOT 480 R with high-pressure water jets, or immerse it in any liquid. Prevent water or other liquids from entering the WISPEED SUVPILOT 480 R, as this may cause irreversible damage to electronic components. This would invalidate your warranty.

## 7.2 Storage

- Before storing, fully charge your scooter to prevent excessive battery discharge due to prolonged non-use.
- If the scooter is stored for several months, remember to recharge it at least once (9 hours) every three months. Failure to do so will invalidate the warranty.
- Do not charge the battery if the temperature is below 0°C. Place your scooter in a warmer environment (over 10°C) before charging. Do not charge your battery if the ambient temperature is above 40°C.
- You need to protect your scooter to prevent dust from degrading its performance. Store your scooter indoors, in a dry place, at an appropriate temperature (between 15°C and 30°C).

## 7.3 Tire condition

- Carefully check the front and rear wheels and hubs before using the scooter. Tires must not be damaged, deflated or punctured.
- If your tires are under-inflated, use a bicycle pump (not supplied) to which you can fit the supplied inflation nozzle.
- Check the condition of your tires every 2/3 weeks of use.
- If you see signs of wear, be sure to change your tires.
- Wear indicators are present on tires. If the tire rubber reaches the wear indicator level, be sure to replace the tire.



- In the event of excessive wear, you can order new tires via our website <https://www.wispeed.net/> in the assistance section, or contact our after-sales service to have your tires replaced in our repair center (out of warranty).

## 7.4 Maintenance

- **7.4.1 Brake system maintenance :**

Your disc brakes are factory-set. If you wish to change this setting, consult the tutorials on the [wispeed.net](http://wispeed.net) website.

- **7.4.2 Maintenance of screws :**

Carefully check the screws on each part before using the scooter. scooter.  
Screws must not be loose or excessively damaged.

For any replacement or maintenance of parts (wheels, brake pads, braking system, etc.) on your SUVPILOT 480 R electric scooter, please contact our after-sales service or a professional.

No lubrication is required on this product.

**Note:** Check that the scooter functions normally before each use. In the event of a fault, do not use it and contact the after-sales service department through the distributor where the product was purchased to have it repaired. Never modify the structure of the scooter. Any modification may entail a risk of injury, and the manufacturer declines all responsibility for any damage resulting from such modification.

## **WARNING!**

- To ensure your safety and the safety of others, never dismantle your scooter or divert it from its original purpose, otherwise your warranty will be void.

## **7.5 Assistance**

Our website <https://www.wispeed.net/> offers a range of **support** services.

- A list of photo tutorials detailing the maintenance process or tire replacement.
- Technical support via a dedicated e-mail address [glisse\\_urbaine@logicom-europe.com](mailto:glisse_urbaine@logicom-europe.com)
- A FAQ dedicated to your product
- The ability to order different components (a second charger, an inflation nozzle, a tire) (\*)

*(\*) The list of items available for sale is subject to change. Logicom reserves the right to modify all or part of this list without prior notice or justification, or even to suspend the sale of these items at any time, without this being considered prejudicial to the user.*

## 8- Locking

### How the lock code works :

Your scooter has an electronic lock, deactivated by default.

### **WARNING:**

- To activate the electronic lock, the entire procedure below must be completed within 30 seconds of ignition. Failing this, the scooter will have to be restarted.
- To activate the lock, you must :

Switch on your scooter by pressing the start button  for about 3 seconds. You'll hear a beep and the display will light up.

2- Your scooter is switched on. To activate the lock code, press the start button  quickly 7 times.

3- the default code is **00**. To enter the numbers Use the brake to scroll the left-hand number and the accelerator trigger to scroll the right-hand number. Then confirm by pressing the ignition button  2 times in succession. To set your personal password, change the code on your scooter.

### How to change the scooter code:

To change your code, unlock your scooter. Then press the start button  7 times. Then enter your active code (for the first change, the active code is 00). To enter your

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digits, use the brake to scroll the left-hand digit and the acceleration trigger to scroll the right-hand digit. Then confirm (press the  button twice in succession to confirm).

You will be asked to enter a new code a second time. Once you have chosen the code, confirm (press the  button twice in succession to confirm).

Enter the unlock code for your scooter below:

|  |  |
|--|--|
|  |  |
|--|--|

Now that the code lock has been activated, your scooter will ask for your two-digit code each time you start it up.

To unlock the scooter, switch it on by pressing  for 3 seconds, then enter your code, then press  twice.

#### Disable code lock.

To deactivate the code, unlock your scooter. Then press the start button  7 times. Then enter your code once. Instead of typing in a new code (you have the choice of

changing the code by typing in a new one, or deactivating the password), squeeze the brake handle until you hear a "beep" to deactivate the code.

**WARNING:** If you deactivate your code, the default code will be your old code.

The scooter switches itself off and locks (if the code is activated) after 5 minutes of inactivity.

## **9 - Odometer**

When the scooter is switched on, it displays the number of kilometers covered during that session.

By pressing the M button 4 times, you can view the total number of kilometers covered.

Just wait about 3 seconds and the display returns to your session screen.

## 10- Technical information

| Name                          | Parameters                                                                                         |
|-------------------------------|----------------------------------------------------------------------------------------------------|
| Net weight                    | 30.35 kg                                                                                           |
| Minimum load                  | 50 kg                                                                                              |
| Maximum load                  | 120 kg                                                                                             |
| Maximum speed                 | 25 km/h                                                                                            |
| Maximum autonomy              | Up to 65km (depending on terrain, driving habits, load and other factors explained in section 3.2) |
| Maximum angle of climb        | 25%                                                                                                |
| Power source                  | Lithium-ion battery                                                                                |
| Rated power                   | 500W (0.50kW)                                                                                      |
| Maximum power                 | 900W (0.90kW)                                                                                      |
| Rated capacity                | 864 Wh                                                                                             |
| Dimensions (L*W*H)            | 1280*620*1280mm                                                                                    |
| Battery                       | 48 V/18 Ah                                                                                         |
| Operating temperature         | Min=0°C, Max=45°C                                                                                  |
| Maximum tire pressure         | 2.6 Bars                                                                                           |
| Minimum tire pressure         | 2.0 Bars                                                                                           |
| Weighted sound pressure level | < 70dB(A)                                                                                          |

**The total value of vibrations to which the hand-arm system is exposed does not exceed 2.5 m/s<sup>2</sup>**

## 11- EU Declaration of Conformity

We, LOGICOM SA - 55 rue de Lisbonne - 75008 PARIS, declare  
that the product

Brand: **WISPEED**

Trade name: **SUVPILOT 480 R**

Type: **Electric scooter** (EDPM - PLEV)



To which this declaration refers complies with the essential requirements and other relevant provisions of the **Machinery Directive (2006/42/EC)** & the **EMC Directive (2014/30/EU)** in application of the following relevant harmonized standards:

|     |                                       |
|-----|---------------------------------------|
| DM  | ISO 12100 :2010 ; EN 17128 :2020      |
| CEM | Clause 9 of EN 17128 :2020            |
| LVD | EN60335-1 :2012+A11+A13+A1+A2+A14+A15 |

As well as the following regulations and directives:

**RoHs 2011/65/UE (Regulation 2015/863/UE)** (IEC 62321-3-1 :2013 - IEC 62321-4:2013+A1 :2017 - IEC 62321-5 :2013 - IEC 62321-6 :2015 - IEC 62321-7-2 :2017 - IEC 62321-8:2017): Relating to the restriction of the use of certain hazardous substances in electrical and electronic equipment.

**REACH Regulation N°1907/2006:** Concerning the registration, evaluation, authorization and restriction of chemicals.

The following accessories enable the equipment to operate as intended and are covered by this EU Declaration of Conformity:

- Battery pack model: FS026
- External power supply model: FY-1505462000

|     |                                                                                                                                                                                   |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DBT | EN60335-2-29:2016+A1:2019 ;<br>EN60335-1:2010+A1:2013+A2:2016<br>EN60335-1:2012+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019<br>EN60335-2-29:2004+A2:2010+A11:2018<br>EN 62233:2008 |
| CEM | EN 61000-3-2:2019 - EN 61000-3-3:2013                                                                                                                                             |
|     | EN 55014-1:2017 - EN 55014-2:2015                                                                                                                                                 |

As well as the following regulation & directive:

**ErP 2009/125/EC - (Regulation 2019/1782):** Concerning ecodesign requirements for no-load power consumption and average active-mode efficiency of external power sources.

LOGICOM cannot be held responsible for modifications made by the user and their consequences, which could affect the product's conformity with CE marking. Any

unauthorized modification of the product invalidates this declaration of conformity.

The full text of the EU Declaration of Conformity is available at the following Internet address:

**<https://www.wispeed.net/fr/content/103-documentations-mobilite-wispeed>**

Paris, 12/19/2024



Julien BRUYERE  
Responsable développement, Qualité & SAV

If you have any questions, please contact us at the following address:  
**contact-um@logicom-europe.com**

V01TB

## 12- Charger information

|                                 |                                                                                                                                                     |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Manufacturer's name and address | JIANGXI FU DIAN YOU PIN TECHNOLOGY CO.,LTD<br>(Innovation and entrepreneurship park, Economic Development zone, Guixi City Jiangxi Province, CHINA) |
| Model number                    | FY1505462000                                                                                                                                        |
| Input voltage                   | 100-240V                                                                                                                                            |
| Input AC frequency              | 50-60Hz                                                                                                                                             |
| Output voltage                  | 54,6V                                                                                                                                               |
| Output current                  | 2A                                                                                                                                                  |
| Power output                    | 109.2W                                                                                                                                              |
| Average yield in active mode    | >90%                                                                                                                                                |
| No-load power consumption       | <0.21W                                                                                                                                              |

## 13- Recycling



The symbol shown here and on the device means that the device is classified as electrical or electronic equipment and must not be disposed of with other household or commercial waste at the end of its life.

The WEEE Directive 2012/19/EU (Waste Electrical and Electronic Equipment Directive) was introduced to recycle appliances using the most efficient recovery and recycling techniques, in order to minimize environmental impact, treat hazardous substances and avoid the growing number of landfills.

Disposal instructions for private users :

When you no longer use the device, dispose of it in accordance with local recycling procedures. For further information, please contact your local authorities or the device's retailer.

Disposal instructions for professional users :

Professional users should contact their suppliers, check the terms and conditions of the purchase contract, and ensure that this device is not mixed with other commercial waste when disposed of.

## 14- Scope of warranty

In case of problems :

A contact form and full FAQ are available in the Support section of our website:  
<https://www.wispeed.net/fr/>

If this platform hasn't solved your problem, please contact your dealer (with your product and its charger).

For safety reasons, only our technical station is authorized to work on our products, so we only supply certain spare parts.

LOGICOM's supplier warranty is valid for normal use of the product as defined in the user manual for a period of 2 years for the product and 1 year for the battery.

This warranty does not cover damage due to causes beyond the control of the device.

In particular, the warranty does not apply if the device has been damaged as a result of impact or dropping, incorrect operation, connection not in accordance with the instructions in the manual, the effect of lightning, mains overvoltage, insufficient protection against heat, damp or frost.

The warranty applies to Metropolitan France only.

- Installing full tires on your scooter will result in total and permanent exclusion from the warranty.
- The warranty does not cover the user manual.

- The warranty does not cover normal wear and tear on the product (brakes, battery, tires, wear on the chainring, wear on the mudguard, wear on plastic protective covers, etc.).
- The warranty does not cover any deterioration of the product due to misuse, including in particular those caused by collisions with objects or falls.
- The warranty does not cover any use of the product that does not comply with the precautions for use stipulated in the user manual.
- The warranty does not cover defects caused by accessories not supplied by WISPEED.
- The warranty does not cover any damage to the battery.
- The warranty does not cover the product or its accessories if it has been disassembled or modified in any way.
- The warranty does not cover any product not identifiable by its serial number. If components have been removed, erased, modified or rendered illegible, the warranty does not apply.
- The warranty does not cover damage to the product caused by exposure to moisture, extreme heat or cold, corrosion, oxidation or any type of liquid.
- The warranty does not cover any deformation, damage or breakage of the main frame as a result of a sudden drop, excessive overloading or repeated impacts.
- The warranty does not cover any omission or misuse of the unlocking code.

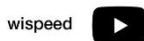
In any event, the legal warranty for hidden defects will apply in accordance with

articles 1641 et seq. of the French Civil Code and L.211-1 et seq. of the French Consumer Code.

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RETROUVEZ-NOUS SUR LES RESEAUX  
SOCIAUX  
ET TENEZ VOUS AU COURANT DE NOTRE  
ACTUALITE !



[wispeed.net](http://wispeed.net)