



OWNER'S MANUAL



Model: A7 PRO

www.aniioki.com



WELCOME TO THE ANIIOKI EBIKES FAMILY

Thank you for purchasing ANIIOKI eBike.

Please read this owner's manual carefully before setting up your ANIIOKI bike and riding. You should be thoroughly familiar with the proper operation of your electric bike, its features, capabilities and limitations. To ensure a long, trouble-free life for your electric bike, please take proper care and maintenance of it as described in this manual. Of course, it is unrealistic and impossible to warn you of all the dangers associated with operating or maintaining an electric bike. You must use your own good judgment for this.

This manual should be considered a permanent part of your bike and should be kept with the bike when it is sold. If you need any assistance, please do not hesitate to contact us.

CONTACT INFORMATION

S ANIIOKI Ebike Website: www.aniioki.com

Website Service Mail: sales@aniioki.com

Amazon Service Mail: info@aniioki.com

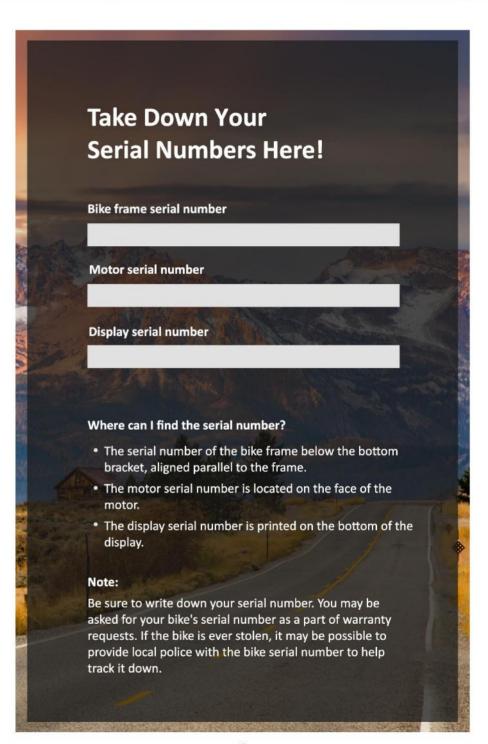
Facebook Group: Aniioki Ebike Club

Phone: (909)296-9922

NOTE: ANIIOKI ebike now has multiple sales channels, please choose the correct channel to contact us, preferably email. Please send your order date and order ID so that we can deal with your issue more efficiently. Please feel free to call us if necessary.

▲ SHIPPING DAMAGE CLAIMS

In order to protect your rights and interests, please immediately inspect your product(s) for damage after receiving. Shipping damage must be reported to ANIIOKI after-sale service within 48 HOURS of shipment arrival, and please be sure to provide relevant photos. We will not accept Shipping Damage claims later than 48 HOURS from receipt of products, thank you for your understanding.



Where can I find the serial number of my e-bike?

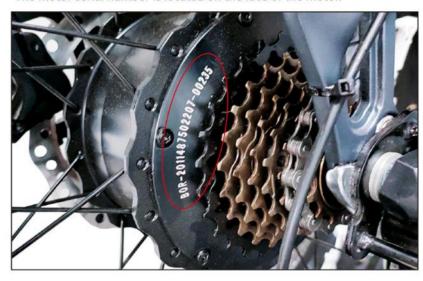
Each bike has a unique code as a way of identifying a single bike from bikes of the same model. With this number, we can manage the warranty of the bike in case of problems, identify the exact model and its year of manufacture, or in the worst case, file a complaint in case of theft, etc.



The serial number of the bike frame below the bottom bracket.



The motor serial number is located on the face of the motor.



The display serial number is printed on the back of the display.



IMPORTANCE

Before using your ANIIOKI A7 Pro, please read this owner's manual carefully to become thoroughly familiar with the proper operation of your bike's controls, its features, functions and limitations. This manual contains safe riding tips, but does not cover any techniques and skills needed to safely ride an electric bike.

This user manual includes assembly and maintenance work that may be required frequently to maintain the operation and safety of the ANIIOKI A7 Pro. NEVER perform any operation on the ANIIOKI A7 Pro other than as described in this manual. This manual is not intended to be a comprehensive use, service, repair or maintenance manual. Do not ride your ANIIOKI A7 Pro if it is not assembled properly. Maintenance beyond what is indicated in the owner's manual should be performed by an e-bike expert or professional bicycle mechanic. Riding a bike that is not assembled properly will endanger yourself and others.

▲ Disclaimer: Must be 18 years of age or older to ride.

Notes:

1.It is recommended to retain the original packaging for a short period of time and keep it as intact as possible.

For warranty and returns, you are responsible for providing a new box at your expense if you have discarded the original box in which the product was shipped. PLEASE RETAIN YOUR BIKE BOX even if it has been damaged in shipping.

- 2.Riding a bicycle is an inherently dangerous activity, and it is your responsibility to ride safely and within your abilities. Proper assembly is vital to the safe operation of your bicycle, so seek professional assistance if you are unable to complete the assembly of your bicycle as outlined in this manual.
- 3. Do not modify, remove or replace the original electrical components on the bicycle. Doing so may puts you at risk. Riding any type of bicycle involves some risks that cannot be predicted or avoided. Proper maintenance of bicycle components can reduce the risk of sudden component failure, but it cannot prevent it. These sudden failures can cause serious injury, injury or death to the rider, if you notice any part on your bicycle that appears to be abnormal, take it to a licensed mechanic immediately for repair or replacement. ANIIOKI eBikes is not responsible for injury, injury or death of riders.

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PLEASE NOTE:

This manual is not intended as a detailed user, service, repair or maintenance manual. Please seek assistance from a qualified technician for service, repair or maintenance.

COMPLIANCE WITH THE LAW

Read This First: Safety and Compliance with the Law

Congratulations on your purchasing of your new e-bike. Your new e-bike is an excellent piece of personal transportation equipment that will give you good service for many years.

Before you start using your e-bike, it is recommended to be aware of a few important points. Please read this section carefully.

Observe Laws Regarding the Use of Battery-Operated Bicycles

Your e-bike is designed and manufactured to meet safety requirements as a battery-operated bicycle. However, state and local laws governing the use of battery-operated bicycles on public roadways, parks, and other open areas may differ. Please check with your local authority before using your e-bike in public areas.

Observe Laws Regarding the Use of Bicycles

Note that all laws regarding the use of bicycles in public areas, such as those mandating the use of helmets and the use of infant seats, will automatically apply for e-bikes. Check with your local authority on what restrictions might apply.

The Lithium-ion Battery of Your e-Bike

Your e-bike is equipped with the latest battery technology. The lithium-ion battery is much lighter than lead- or nickel-based batteries that are being used in some older models.

Your First Ride

Please be VERY CAREFUL when you are ready to get on your e-bike for the first time because that the e-bike moves significantly faster than a regular bicycle at active power-assisted mode. Take your e-bike to an area with a lot of open space before you start. Do not start pedaling hard as soon as you get on the e-bike (as you normally would so with a regular bicycle), as the e-bike will accelerate under pedal-assist mode and you may be unprepared for the sudden increase in speed. However, after a few times, you will enjoy using the pedal-assisted function.

GET TO KNOW YOUR A7 PRO

Please follow these instructions to assemble your e-bike under the guidance of an adult or a qualified technician.

Assembly is not difficult as most of the parts are already assembled.

Name Of Each Part



UNBOXING

Preparation Checklist

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- Bike frame
- · Rear Rack
- Rear Cushion
- Fenders
- Battery (Pre-installed)
- Battery Charger
- 2 x Keys for Battery
- 1 x set of Pedals
- Integrated Front & Tail Light
- Tool Kits
- User Manual

NOTE:

Please carefully check the package contents, if any parts are missing or damaged, please contact ANIIOKI customer service immediately for assistance with providing your order ID#.

Amazon: info@aniioki.com

ANIIOKI website: sales@aniioki.com

1.It is recommended to retain the original packaging for a short period of time and keep it as intact as possible.

2. For warranty and returns, you are responsible for providing a new box at your expense if you have discarded the original box in which the product was shipped. PLEASE RETAIN YOUR BIKE BOX even if it has been damaged in shipping.

A WARNING:

Cycling is an inherently dangerous activity and it is your responsibility to ride safely within your means. Proper assembly is essential to the safe operation of the bicycle, if you cannot complete the assembly of the bicycle according to the regulations in this manual, please seek professional help.

Before assembling your bike, it is recommended to remove the battery for the following reasons.

- Determine if the battery was damaged during shipping.
- Reduce the weight of the bike so that it is easier to maneuver the bike when assembled.
- · Avoid battery damage during assembly.

How to remove the battery?

- · Rotate the safety device of the hinge lock up to disengage it from the folding locking bar.
- Pull the fold lock lever to disengage it from the frame and fold the bike at least 90° so that the battery can leave the rear frame.
- Remove the rubber charging port cap, then use the supplied key to unlock the battery.
- Insert your key into the small slot, pry up the battery handle and use the battery handle to slide the battery rearward.











Reverse the operation to re-install the battery.

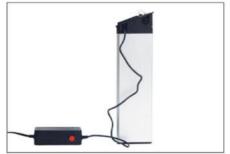
How to charge the battery?

The battery can be mounted on the bike, or charged separately from the bike. Two keys are provided for unlocking and locking the battery.

- If the battery is charging on the bike, please use the key to turn to "OFF" before charging.
- ◆ Take the charger out of the box, attach the power cord, and plug the charger into a 120 volt wall outlet.

The LED light on the charger glows red when charging and green when charging is complete. When the LED light on the charger turns green, disconnect the charging cable and cover the charging terminal with a rubber cap. If a battery is installed on the e-bike, when the bike is turned on, the display panel will show the battery's charge percentage.





NOTE:

It is recommended that charge the battery for almost 6-8 hours on the first charge. Make sure to charge the battery until the light on the charger turns green, indicating the battery is fully charged. This will help condition the lithium-ion battery to perform at its best.

ASSEMBLY

Please read the instructions completely before assembling to ensure proper operation of the A7 PRO. Failure to do so may result in serious personal injury or damage to the bike.

Installation of A7 PRO including 4 steps:



• Step 1: Fix The Handlebar On The Bicycle Riser With Riser Cover





1. Turn the hinge upward until the handlebar is fixed.





2. Push and lock the clasp

3. Make sure the clasp is locked.

• Step 2: Attach The Front Wheel And Adjusting The Front Brake

Make sure that the fork from the steering column is pointing forward. Remove the protective bar from the front fork, place the front wheel within the fork and the brake disc within the brake block, seat the axial stem properly within the receptacles at the tips of the fork, and tighten the nuts with the multi-wrench. Make sure that the front wheel moves freely and does not wobble from side to side. Reposition the wheel and re-tighten if necessary.



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1. Put the front fork into the front wheel

2. Install the bolts

Test the brake by lifting the front of the e-bike and setting the wheel in motion (turn it) and apply the brake at the handlebar to stop it. If you could not set the wheel in free motion, or if you could not stop it by applying the brake, you need to re-adjust by increasing or decreasing the clearance.

Caution: Do not operate the e-bike until you are satisfied that both the front and rear brakes are operational.

• Step 3: Front Fenders and Headlights (4mm and 5mm Allen Screw Wrench)

Both the headlight and the front fender are both secured by a single bolt, so the front fender should be installed with the headlight.







- 1. Carefully position the front fork onto the front wheel, then use the 5mm Allen wrench to unscrew the wheel nuts and reinstall the headlight together with the front fender.
- 2. Tighten the bolt and connect the headlight wire (if it is disconnected). Note the arrows on the wire connectors and make sure the arrows line up with each other to avoid damaging the internal circuitry.
- 3. Remove the nuts and washers attached to the front fork to secure the front fender, put the fender iron in the correct position, and tighten the bolts with a 4mm Allen key.

• Step 4: Installing the Seat and Pedals





1. Insert the seat post into the tube.

2. Screw the bolt and tighten the lever.



The pedals have a letter indicating which side of the bike they install onto. Pedals are marked "L" and "R" The left side goes on the left Crank. The right side goes on the right Crank. Pedals are not designed equally. Please note the left pedal is reverse threaded. You'll have to turn it counter-clockwise to tighten it. This is so the pedal doesn't unscrew itself while you're pedaling. If you had threaded the pedals and the washers snugly onto the drive-side crank arm, please remember to remove the washers.

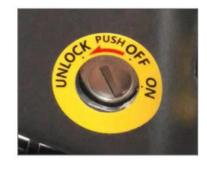
At this point, your e-bike is a completely functional bicycle, although without any battery operated to function as yet. Check all tightening points to make sure. Take a short ride. Adjust the height of the handlebar, and the height and the tilt of the seat, if necessary, for maximum comfort.

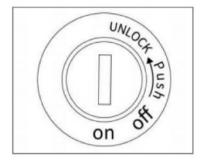
How to use the battery key: Unlock, Power On and Off

NOTE:

There are two identical keys on the bike to turn the battery on and off. These keys are unique to your bike. If the key is lost, you may need to replace the battery head with a new one.

The battery has 3 key positions including UNLOCK, OFF, ON. These locations are marked on the battery and are only visible when the battery is removed from the bike.





"UNLOCK" position - Remove the battery

Turn off the bike. Press and hold down the power button on the control pad until the LCD display turns off.

Use the key to turn off and unlock the battery. Insert the key into the key slot, then push and turn the key to the "unlocked" position. Be sure to remove the key from the battery before removing it from the bike.





"OFF" position - Battery power disabled

In this "OFF" position, the battery pack will be secured to the rack, but the power supply will be inoperative.

NOTE: The key cylinder must be in the on-and-locked positions for the LED to light up.





"ON" position - Power will be activated

The power will be activated and the key will be locked in the battery so that it cannot be removed. The key must be turned to the "ON" position for the bike to work properly.

NOTE: Be careful not to drop or damage the battery when removing from the bike.

When the battery is removed from the bike, do not touch the "+" and "-" terminal contacts on the bottom of the battery.





OPERATING YOUR NEW E-BIKE

Powering Up Your eBike

To turn on the electric system and controller, press and hold the $\mathbf{\Theta}$ button for 2 seconds.

To turn the system off, do the same. Press and hold the $\ensuremath{\mathfrak{O}}$ button for 2 seconds. In addition, the system will turn itself off if the bike is still for 10 minutes. (The time can be changed in Display Settings.)

Your First Ride

You'll quickly get the feel for your bike and its electric system. For your first ride, it is recommended following these steps:

- 1) turn on the electric system and controller by holding the $\ensuremath{\boldsymbol{\Theta}}$ button for two seconds.
- 2) If the bike is not showing mode @, press the \ominus button until it does (the electric mode is disabled).
- 3) Start off, riding the bike with pedal power.
- 4) When you're steady and stable, press the ⊕ button to set mode ①, enabling the electric assist.
- 5) Being ready for the bike's assist to come in, begin to pedal (after a pedal rotation or two, you will feel the assist come in).
- 6) When you're ready for the bike to move under electric power only, press the throttle slowly until the bike powers forward.
- 7) Brake to a stop when you're ready.

After your initial ride, you can experiment with higher modes, using the \oplus and \ominus buttons to change them.

(Remember: mode ① will turn off the electric drive. Setting mode ① or higher will turn it on again.)

Using the Pedal System

The pedal system will be familiar to nearly everyone, but there are a few practical things that can help you make the best use of it.

- You can select the best gear for your riding situation using the two buttons on the right handle bar.
 - (The best gear is the one that balances between having to push too hard and having to pedal so fast that you can't really push very much at all.)
- The gears will only change when you're pedaling forward, so be sure to do so when you're changing gears.
- A low gear is best for starting to move again after stopping, so be sure to gear down and you're slowing for stop. This will make starting up again much easier.
- Because your bike is a rear-hub drive model, the gears in the pedal drive system have no effect on the electric drive system.
- If you want to operate your bike a pedal-only mode, select Mode ① . (see Operating Modes)

Using the Electric Drive System

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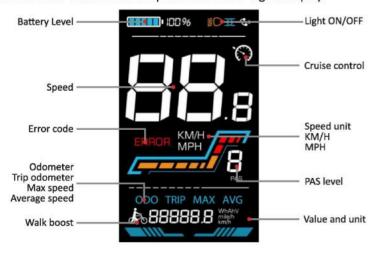
The electric drive system can either fully power the bike without your assistance, or can provide assistance when you're pedaling.

PEDAL-ONLY

In this mode, the A7 PRO will perform like a normal bike, as you'll be riding without any assistance from the motor. This mode is especially useful if you run out of battery, or are looking for more intensive resistance training.

What the Display Shows

The ANIIOKI A7 Pro comes with a sophisticated color digital display.



The main display shows speed, battery level, mode, motor power(OPTIONAL), and trip information.

Trip Information

- . ODO: total distance the bike has traveled.
- MAX: maximum speed since trip odometer reset.
- AVG: average speed since trip odometer reset.
- TRIP: showing distance from the last time it was reset.

Operating Modes

Modes ① – ⑤ set the relative power (speed) level. Mode ② disengages electric drive.

Electric power mode will be important when riding, as the modes determine the speed range for the bike at any particular time. Mode ① will drive the bike at a comfortably low speed, while mode ⑤ will power the bike up near the maximum available speed for electric assist.

Change the mode to the desired level when riding using the \oplus and \ominus buttons on the handlebar control.







PAS level display interface

System Control

The electric power system and display are controlled with the handlebar control.



panels.

The D button will switch the headlight on or off.

The Θ button powers up or powers down the electric system. (Press for 2 seconds to turn the system on or off.)

The ① button cycles through the modes in the multi-function display.

ADVANCED FFATURES

Cruise Control

You can engage the cruise control by holding the bike at a constant speed for 5 seconds. When engaged, the bike will hold a steady speed until the brake is applied or the mode is changed.

Walking Your Bike

Sometimes it's necessary or wise to walk your bike, rather than ride it. In this type of situation, particularly where your bike needs to be walked uphill, the electric drive system can assist.

When off your bike, press and hold the ⊖ button. The drive will engage at a low speed and power your bike forward. To stop the assist, release the Θ button.

The speed of the assist on level ground is approximately that of a brisk walk, so be prepared to walk quickly when using the walk mode on level ground.

CAUTION:

Be careful not to enter walk mode without knowing it. This mode is accomplished by pressing and holding the minus button on the display control panel, which will bring the motor to a walk speed.

Using headlight and taillight

Short press the 10 button to operate the bike's headlight and taillight. For improved visibility, also make sure your headlights and rear taillights are switched on and adjusted so they can be clearly seen by others on the road.

NOTE: The battery must be inside the bike.



Backlight display interface

USB device charging

The A7 PRO has a USB charging port. It's located under the display. Open the rubber cover to find this port that can be used to charge your phone. Our warranty does not include damage from power surges, use of an improper charger, inproper maintenance, or other such misuses, normal wear, or water damage.

Accessing the Battery

NOTE: Remove the battery if the bike will be stored in freezing temperatures, which can severely damage the battery.

We don't have copy keys for sold bike. If the key is broken/lost, you need to swap out the new battery head.

To ensure the longevity of the battery, follow these guidelines:

- · Fully charge the battery after you've been riding.
- Don't leave the battery on the charger once it's been charged.
- Avoid keeping the battery in places where it will experience cold or hot temperatures.

DO NOT store the battery (or the battery in the bike) in high temperatures, or especially in freezing temperatures. Doing so can severely affect the capacity of the battery and may render it permanently inoperable.

Adjusting the Front Suspension

The firmness of the front suspension can be adjusted for balance between performance and ride comfort.

To adjust suspension firmness, turn the control knob at the top in the direction of the arrow that will increase or decrease the firmness of the ride.

Check that your suspension forks are properly adjusted for the terrain and your weight. Suspension can affect the handling of your bike, mainly over bumps and at stops. In some cases, it may be advantageous to lock the suspension so that it is completely rigid.





Front suspension adjustment

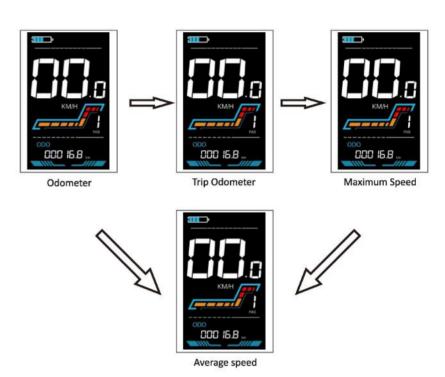
For maximum range, lockout the suspension by turning the dial all the way in the direction.

NOTE: Heavy use of the A7 PRO may damage the frame and fork. It is important to inspect the frame and fork and look for signs of cracks. Broken or cracked frames and forks can lead to accidents and injuries.

CAUTION: The brands of parts advertised on our website may vary, depending on ongoing supply chain restrictions in the e-bike market. Component changes may occur without notice. All components are carefully inspected to ensure they meet the performance standards of the product advertised.

Display Interface Switching

When the display is powered on, it will show the Current Speed (km/h) and Odometer (km) by default. Short press ① to switch between Odometer (km), Trip Odometer(km), Maximum Speed (km/h), and Average Speed (km/h).



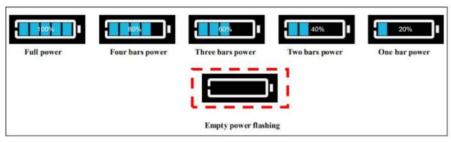
Display interface switching





Battery Level Display

The Battery level is shown as 5 bars. When the battery is full charged, all of the 5 bars lighten up. When the battery is fully depleted, the bar will begin to flash, warning the user to charge the battery as soon as possible.



Battery level display interface

Error Code Display

If there is a fault occurs in the electronic system of the electric bicycle, the display will automatically show an error code, see Schedule 1 for a detailed definition of the error code.



Error code display

Note: When the error code appears on the display, please contact us for help, the electric bicycle will not be able to drive normally after the problem occurs.

Personalized Parameter Setting

Note: All setting items need to be carried out when the bike is stationary.

The operation steps of personalized parameter setting are as follows:

In the power-on and the meter displays a speed of 0 state.

- (1) Press and hold the \oplus and \ominus button simultaneously for more than 2 seconds to enter the personalized parameter setting item selection interface.
- (2) Short press the \oplus or \ominus button to switch the selection interface of personalized parameter setting items, and short press the \oplus button to enter the state of changing parameters.
- (3) Short press \oplus or \ominus button to select parameters, long press \oplus for continuous addition operation, and long press \ominus for continuous subtraction operation.
- (4) Short press the ① button to save the parameter setting and return to the personalized parameter setting item selection interface.
- (5) Long press the ① button to save the parameter settings and exit the personalized parameter setting item selection interface.

P1. Metric and Imperial unit Setting

P1 is the setting option for the metric and imperial units, 00 represents the metric system, and 01 represents the imperial system.

First, short press the 1 button to enter the state of changing parameters, and short press the 2 or 2 button to select the parameter.

Then, short press the ① button to save the parameter setting and return to the personalized parameter setting item selection interface.





Metric and Imperial unit Setting interface

P2. Rated Voltage Setting

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P2 is the rated voltage setting option, the rated voltage range can be set as: 24V, 36V, 48V, 52V.

First, short press the 1 button to enter the state of changing parameters, and short press the + or - button to select the parameter.

Then, short press the ① button to save the parameter setting and return to the personalized parameter setting item selection interface.



Rated voltage setting interface

NOTE: When the error code appears on the display, please contact us for help, the electric bicycle will not be able to drive normally after the problem occurs.

P3. PAS Level Setting

P3 is the pedal assist (PAS) level setting option. The available pedal assist level settings including 0-3, 1-3, 0-5, 1-5, 1-7, 0-7, 0-9, 1-9.

First, short press the 1 button to enter the state of changing parameters, and short press the 2 or 2 button to select the parameter.

Then, short press the ① button to save the parameter setting and return to the personalized parameter setting item selection interface.



PAS level setting interface

PAS Level Ratio Value Setting

To meet different requirements for users, the speed of every level can be adjusted by setting the PAS level ratio value. Please see the details from Schedule 2.

Level Level Selection	1	2	3	4	5	6	7	8	9
0-3/1-3	50%	74%	92%	-	-	-	₹.	-	-
0-5/1-5	50%	61%	73%	85%	90%	-	-	-	-
0-7/1-7	40%	50%	60%	70%	80%	90%	96%	: - <u>-</u> :	=
0-9/1-9	25%	34%	43%	52%	61%	70%	79%	88%	96%

Schedule 2: Pedal assist level default ratio value

For example, "45-55%" is the ratio range of PAS 1. The default ratio value of PAS 1 is 50% which is adjustable.

First, short press the ⊕ or ⊖ button to change the parameter.

Then, short press the ① button to confirm and enter the next gear parameter setting interface.

After finishing the parameter setting of all gears, press the ① button again to return to the personalized setting item selection interface.



PAS level ratio value setting interface

P4. Wheel Diameter Setting

P4 is the wheel diameter setting option, the adjustable range: 8-50 inch.

First, short press the 1 button to enter the state of changing parameters, and short press the 2 or \bigcirc button to select the parameter.

Then, short press the ① button to save the parameter setting and return to the personalized parameter setting item selection interface.



Wheel diameter setting interface

P5. Speed Sensor Magnet Number Setting

P5 is an option for setting the number of magnets for the speed sensor. The adjustable range of the number of magnets for the speed sensor is: 1~15 pieces (or 1-63 pieces, different protocols).

First, short press the 1 button to enter the state of changing parameters, and short press the + or - button to select the parameter.

Then, short press the ① button to save the parameter setting and return to the personalized parameter setting item selection interface.



Speed Sensor Magnet Number Setting interface

P6. Speed Limit Setting

P6 is the speed limit setting option, and the adjustable range of the instrument speed limit is: 1-63km/h or 1-41km/h. (The maximum adjustable speed limit of different protocols is different)

First, short press the 1 button to enter the state of changing parameters, and short press the 2 or 2 button to select the parameter.

Then, short press the ① button to save the parameter setting and return to the personalized parameter setting item selection interface.



Speed limit setting interface

P7. Controller Current Limit Setting

P7 is the setting option of controller current limit, the adjustable range of instrument controller current limit is: 1-31.5A.

First, short press the 1 button to enter the state of changing parameters, and short press the 2 or 2 button to select the parameter.

Then, short press the ① button to save the parameter setting and return to the personalized parameter setting item selection interface.



Controller current limit setting interface

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P8. Assist Sensor Setting

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P8 is the setting option for the power assist sensor.

A. Power Sensor Direction Setting

'run' is the setting option for the direction of the power assist sensor. There are two options on the screen, run-F represents forward direction, and run-b represents reverse direction.

First, short press the ① button to enter the state of changing parameters, and short press the \oplus or \bigcirc button to select the parameter.

Then, short press the ① button to save the parameter setting and enter the selection interface for the following power sensor sensitivity setting items.





Power sensor direction setting interface

B. Power Sensor Sensitivity Setting

'Scn' is the sensitivity setting option of the power assist sensor, and the setting range is 2-9, where 2 means the highest sensitivity and 9 means the lowest sensitivity.

First, short press the ⊕ or ⊖ button to select the sensitivity of the power sensor. Then, short press the ① button to confirm the parameter and enter the following setting option for the number of booster disc magnets. Otherwise, press and hold the ① button to confirm and return to the general parameter setting item selection interface.



Power Sensor Sensitivity Setting interface

C. Number Of Booster Disk Magnets Setting

'PAS' is the setting option for the number of magnets of the booster disk, and the setting range is 5-31.

First, short press the ⊕ or ⊖ button to select the corresponding number of booster magnets.

Then, short press the ① button to confirm the parameter and return to the personalized parameter setting item selection interface.



Number of Booster Disk Magnets Setting interface

P9. Throttle Function Setting

P9 is the throttle function setting option.

A. Walk boost setting

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'HL' is the walk boost setting option. HL-n means no walk boost function, HL-y means that there is walk boost function and the bike enters the walk boost mode when long press the Θ button.

First, short press the 0 button to enter the state of changing parameters, and short press the 0 or 0 button to select the parameter.

- If HL-y is selected, short press the ① button to confirm the parameter and return to the general parameter setting interface.
- If HL-n is selected, short press the ① button twice to confirm the parameter and go to the following throttle gear setting. Otherwise, long press the ① button to confirm the parameter and return to the personalized parameter setting item selection interface.





Walk boost setting interface

B. Throttle gear setting

- HF-y is the throttle gear setting option. HF-n means no split throttle.
- If split throttle is selected, it means that when pressing the throttle, the maximum speed can only reach the speed corresponding to the PAS level shown on the LCD screen.
- If non-split throttle is selected, it means that when the throttle is pressed, the speed can be reached up to the maximum speed of this bike regardless of the PAS level shown on the display.

Short press the \oplus or \ominus button to select the throttle gear state, then short press the 1 button to confirm the parameter and return to the personalized setting item selection interface.





Throttle gear setting interface

PA. Display Password Setting

PA is the screen password setting option. The power-on password function of the screen is generally not enabled by default. Users can enable the power-on password of the screen by setting PSd-y. The default password is 1212, and other four-digit passwords can be set by yourself. Please remember the password after changing it, otherwise you will not be able to use the screen.

First, short press the ① button to enter the state of changing parameters. Short press the ① or ② button to select the parameter. PSd-y means that a password is required to turn on the display, and PSd-n means that a password is not required to turn on the display.

Second, short press the ① button to confirm the activation or deactivation of the display password and enter the state of setting the password. You can also long press the ① button to return to the personalized setting selection interface.

Third, when enter the password setting state, the adjustable number position will flash. Short press the \oplus or \ominus button to select the number, then short press the \oplus button to save the number and enter the next number setting.

Finally, after setting the four digits in turn, press and hold the ① button to save and return to the personalized setting selection interface.









Turn off the password interface



Set password interface

Pb. Automatic Shutdown Time Setting

Pb is an option to set the auto power off time. In order to save the power of the vehicle and obtain a higher mileage, this display is equipped with an automatic shutdown function, and the automatic shutdown time range can be set from 1 to 60 minutes. 00 means no automatic shutdown. Generally speaking, the factory defaults to automatically shut down after 10 minutes.

First, short press the 1 button to enter the state of changing parameters, and short press the + or - button to select parameters.

Then, short press the ① button to save the parameter setting and return to the personalized parameter setting item selection interface.



Automatic Shutdown Time Setting interface

Restore Factory Setting

dEF is an option to restore factory default parameter settings. dEF-y means to restore the default parameters, dEF-n means no need to restore the default parameters.

First, when the speed on the main interface is displayed as 0, press and hold the

button and ⊕ button for more than 2 seconds at the same time to enter the factory default parameter interface.

Then, select by short pressing the \oplus or \ominus button. If you choose y, short press the 1 button to confirm, the display will show dEF-0 for a while and automatically start to restore the factory default settings. It will exit automatically and return to the normal display interface after completion.







Restore Factory Setting interface

Trip Odometer Reset Operation

The display can record single mileage and total mileage, and the single mileage will not be automatically reset after shutdown. If you want to clear a single mileage, you need to clear it manually.

NOTE: The total mileage of the display does not support reset.

When the speed of the main interface is 0, press the \bigcirc button and the 1 button simultaneously for more than 2 seconds. The main interface will flash once during the reset process.







Trip odometer reset interface

CARE & MAINTENANCE FOR YOUR NEW E-BIKE

You should in general, take care of your e-bike the way you would with a regular bicycle by keeping it dry, clean and the moving parts well lubricated. You should also avoid parking your e-bike in exposed areas whenever possible.

You should check the effectiveness of the brakes before each use.

• For your e-bike, you should also take note of the following:

- Your e-bike is designed for regular country road use for a single person.
 Using your e-bike for extreme maneuvers, such as extreme off-road use, jumping, or carrying the excessive load will damage the e-bike and could
- cause serious injury.
 - Do not use high-pressure water streams to clean your e-bike, as water might
- seep inside the motor or the wiring compartment and cause rusting of electrical parts or short circuits.

Avoid parking your e-bike outside when there is rain or snow. At the end of a trip where there was rain or snow, bring the e-bike inside and use a clean, dry towel to eliminate any wetness.

Special care for the battery and the charger

- Use only the supplied charger to charge your battery. Do not use an unauthorized substitute. If your charger is lost or damaged, contact your dealer to order a replacement.
- Do not open or alter the battery or the battery charger.
- Do not place the battery near fire or corrosive substances. Do not immerse in water or other liquids.
- Avoid subjecting the battery from high temperatures, such as directly under the hot sun, for prolonged periods of time.
- Do not connect (short circuit) the two poles of the battery.
- After much use, your battery's charge holding capacity will decrease. If you
 find that your battery does not hold sufficient charge even for short trips,
 you should contact your dealer to order a replacement. Under normal use,
 the battery will undergo 1000 charging and discharging cycles.
- Your e-bike battery is engineered with precision for high capacity and long useful life. We do not recommend that you use it to power other electrical devices. Improper use of the battery will damage the battery and shorten its useful life and may cause a fire or an explosion.



• For the battery, you should also take note of the following:

- Keep the battery out of extreme temperatures.
- Operating temperature when charging: 32° -113° F.
- Operating temperature when discharging: -4° -113° F.
- Do not short circuit the discharge/charge terminals of the battery.
- Do not leave the battery charging overnight, or for long periods of time.
- To avoid damage to the battery, do not subject it to intense physical shock, severe vibration, or strong impacts.
- Do not expose the battery to water or other moisture. Protect the discharge/charge terminals from rain or water logging.
- · Keep the battery away from children.
- When the battery is not in use for an extended period of time, remove the battery and store it safely.
- Do not disassemble the battery.
- If you have any questions about this battery or its usage, contact the Customer Service department.

A ATTENTION:

Customers who do not use the electric bike for more than half a month should note that if the electric bike is not used for a long time, the battery in the electric bike will be empty and cannot be charged. This is not a quality problem, but human damage. Therefore, it is not covered by the warranty.

CORRECT OPERATION:

- 1. If the electric bike is not used for a long time, the battery must be fully charged after the last use.
- 2. After fully charged, remove the battery and store it in a cool dry place.

• For the bike, you should also take note of the following:

It is recommended to check the following every one to two months

- Check that the handlebar and saddle post are correctly inserted and tightened.
- Check that the wheel hub mounting nuts are correctly tightened.
- Check that the wheel rims are not cracked and that no spokes are loose or broken.
- . Check that the tires are not worn or cut.
- . Check that the tires are correctly inflated.
- Check that the battery contacts on the frame are not dirty or oxidized.
- Check that the batteries are sufficiently charged.
- Check that the front and rear brakes are working correctly.
- Check that the cables are sufficiently greased, and that the brake pads are in good condition.
- Check that the frame welds are in good condition, and are free of corrosion or oxidation.

• Before and after each ride, please follow these actions:

- · Check the alignment of the wheels.
- Check the charge status of the battery.
- Check whether the brake function is normal.
- Check the tires for any punctures.
- Store your bike carefully in a clean and dry place.
- Check that your stand is securely fastened.
- Check for loose cables or wires that may strain when turning the front wheel from the left to the rig.

• Quarterly (or approximately every 750-1500 miles):

- Check out all items in the monthly service list above.
- Check tire tread for excessive wear. Replace if necessary.
- Check that electrical connectors and cable housings are clear of moving parts and not damaged. Replace if necessary.
- Visit your local bike store for an adjustment by a certified and reputable bike mechanic.





SAFETY TIPS

We Recommend The Following Safety-related Procedures:

- Wear a helmet.
- Ride in control at all times.
- Use lights and reflective gear in low light situations.
- Inspect your bike often especially the brakes.
- Seek maintenance if there are any notable changes in bike performance.
- . Know and observe the rules of the road before cycling. Bike users must follow all road rules.
- Ride defensively. To motorists, pedestrians, or even other cyclists, you are not as visible as you might think. Always watch for hazardous situations, and be ready to stop or take evasive action at all times. With the assistance of the electric motor, you may be travelling faster than drivers expect—beware of cars pulling out in front of you.
- Avoid road hazards. Watch for and avoid potholes, drain grates, railroad tracks, loose road material, and other hazards.
- Use both the front and the rear brakes together for best performance. Using ONLY the rear will significantly increase your stopping distance.

E-Bike Road Safety

Always obey traffic laws including lights, signals, and road signs that apply to traditional cyclists, cars, and other vehicles. Stay in the appropriate lane, using bike lanes when available. Cyclists tend to break the speed limit and red light laws.

This will only put you at risk of an accident. And this is a higher risk than for cyclists because your e-bike can travel faster than traditional bicycles. Do not cycle on the sidewalk/pavements as it can put both you and pedestrians at risk;

Be wary of everyone. E-Bike company AXcess states (source) that cars will not always realize how fast you are going and may assume that you are exponentially slower than them. To avoid the risk of accidents, always allow cars to get their right of way first, and do not rush. Be patient and alert, especially at intersections and turns.

Maintenance of The Transmission System:mainly lubrication

The most effective way is to add lubricant. We should remind everyone that the chain should always be kept oily and sensitive, especially after wading and raining. The active parts of the front and rear derailleur must also be frequently filled with oil. The oil used for the chain and the derailleur should preferably be a rust-proof lubricant designed for bicycles. Ordinary engine oil can also be used, but the effect will be poor. If the chain is rusty, you can first wipe the rust spots with a kitchen cleaner, then clean the chain, and then wash it in diesel to restore the mountain bike chain as before.

Maintenance of The Braking System

The braking system is particularly important as it relates to the personal safety of travel. In addition to maintaining the sensitivity and reliability of various moving parts, the stroke clearance and wear of the brake pads must be checked frequently. Both sides of the travel gap of the brake pads should be kept within the range of 2-3 mm. If the clearance is too large, the free travel value of the brake pads will be increased, which will reduce the sensitivity of the brake. If the clearance is too small, the phenomenon of braking force may occur, increasing riding strength and wasting physical strength. Each brake pad has more than two grooves on its surface. If these grooves are to be ground or have been ground, they should be replaced in time to ensure the braking sensitivity and driving safety.

Guide to Cycling at Night

Use Lights Properly: Riding bicycle at night require lights on both the front and rear of the bike.

For extra protection, wear a clip-on bike helmet light, or purchase a helmet with built-in LED lights. Light vests are easy-to-wear over clothing to allow drivers to see the cyclist from a greater distance and ensure that the vehicle will pass with enough clearance. Turn on any built-in lights setting out to ride.

Circular red and orange reflectors in the spokes of a bike look pretty, but they serve an important purpose. The headlights of approaching cars strike the reflectors, coated with prisms and beads, and in turn, the prism reflections redirect back towards the driver-a small but mighty reminder that people are out and about enjoying a night bicycle ride. Be respectful of oncoming traffic. Don't flood the road with wildly flashing strobe lights and avoid using lights so bright that they temporarily impair an oncoming driver's vision. Whether the bike rider or another vehicle, flashes of bright light and a fraction of a second can cause a distraction worthy of an accident.

Brakes

Brake cables will stretch during the wear-in period. This may affect braking performance and the brakes may need to be adjusted and tensioned properly. Check your brake pads for signs of wear. Replace if necessary. Go to your local bike shop for a tune-up by a certified and reputable bike mechanic.

Derailleur

If shifting operation becomes less smooth. Clean the front derailleur and lubricate the link sctions shown in the illustration. If gear shifting operations cannot be carried out smoothly. Clean the derailleur and lubricate all moving parts. If the amount of loosenness in the links are so great, you should replace a derailleur.

Hardware

All hardware should be torqued to the torque specified in the recommended torque values section of this manual. If any hardware has signs of damage take the bike to your local bike shop to have a certified and reputable bike mechanic inspect and replace them if deemed necessary.

Wheel

Install the wheel according to the steps in the manual. Make sure all the fasteners are tightened, regularly check whether the fasteners can open and close normally or any loose. Check spoke tension and adjust it if necessary.

Tires

Monthly(or about every 250-500 miles) Inflate tires to pressure within recommended range:25psi in summer.30psiin winter.(Note: suitable for small or manual inflator)

Handlebar

Before riding, please make sure that the handlebar is correctly installed in accordance with the video installation steps. Regularly check whether the handlebar firmware is stable. If there is any looseness, temporarily stop riding and install the installation steps to check and reinstall.

Seat

Before riding the bicycle, check that there is a gap or looseness in the connection. Also, be sure to retighten the seat at periodic intervals. Use a neutral detergent to clean the crank arm and the bottom bracket. Using alkaline or acidic detergents may cause discoloration.

Reflector

Wipe and clean all the reflectors on the car regularly, and check whether the reflectors are working regularly to ensure that you can remind the vehicles behind you when you ride at night. At the sametime, please wear reflective clothing at night to make you bright enough to ensure your riding safety.

Off-road Safety

Ride according to the actual situation and judge the road conditions. In rough or slippery road conditions, please get off and pass to prevent accidents. Adjust the bicycle to the appropriate gear to adapt to the road conditions. At the sametime, please do not speed. Always wear a helmet when riding youre-bike. Ensure that the helmet fits your head and is securely tightened down. Only move up pedal-assist levels when you feel comfortable and you have ample experience riding the bike. The higher pedal assist levels will accelerate you to higher speeds more quickly. Take care when riding the bike at any speed. Failure to adhere to warnings and guidelines in this manual can lead to serious harm, injury or death.

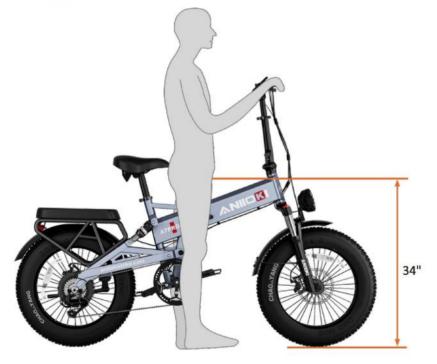
Damage sustained by the bike from failing to follow instructions, guidelines, and warnings in this manual is not covered under warranty. Do not lean on the bike when it is parked and the kickstand is in use. Doing so will put excess stress on the kickstand and this may cause it to fail. In turn causing harm or injury to the person leaning

WARNING: the danger of damaging the stem-to-fork assembly and the risk of injury to the rider that can result from over tightening the stem bolt or other clamping device.



Leg measurement is taken from the floor(no shoes) to your crotch. Stand with your legs roughly shoulder width apart against a wall, then take your inside leg measurement. It is probably easier to get someone to do this for you.

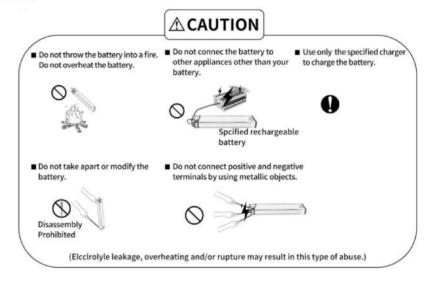
The recommended leg length is not less than 34".



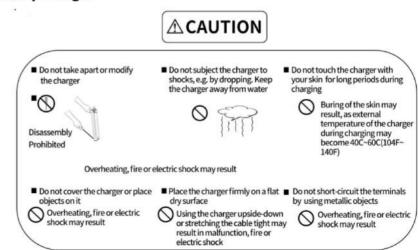
BATTERY SAFETY

These safety precautions are provided for your benefit to protect you and those around you. Please read and follow them carefully to avoid unnecessary injury, damage to the product, or damage to other property.

Battery



Battery Charger





MARNING

- Keep the battery away from water. Pouring water on the battery may result in short-cicuit, overheating or permanent damage of the battery.
- Do not submerge the battery. Soaking the battery in water may cause irreparable damage.

∆WARNING

- Do not apply pressure to the cable or the plug.
- Placing the cable tightened between a wall and a window frame, or placing heavy objects on the cord or the plug may result in electric shock or fire.
- Be sure to insert the plug securely into a wall socket
- Electric shock and overheating may result, causing fire.
- Do not touch the plug with wet hands.
- Electric shock may result.
- Keep out of reach of children or pets.
- Electric shock or injury may result.
- Do not attempt to use anther maker or model's charger to charge the battery.
- Overheating, fire or electric shock may result.

- Do not use the charging plug and/or the power source Plug when they are dirty, wet or dusty.
- Insulation failure due to moisture absorbed in the dust may result, causing fire.

Pull out the power source plug and clean it with a dry

- To remove a cable from a socket, pull the plug, not the cable.
- Always pull the charging cable gently.
- Do not rotate the pedals when charging the battery while it is mounted on the bicycle.
- The cord may twist around the pedal or the crank, and the damage to the plug may result. causing electric
- Do not apply voltage over the rated value to the
- Do not use sockets, correctors and other wiring devices with a power source other than standard rated voltage (AC110-240 volts) power supply.
 - Overheating, fire or electric shock may result.
- Do not use damaged components such as charge case, power cord, plug etc.

Electric short, short-circuit or fire may result.

NOTE:

Do not store the bike for more than 24 hours with an empty battery. This prevents a deep discharge with irreparable consequences from occurring.

ANIIOKI A7 PRO SPECIFICATIONS

Battery	48V 20AH lithium battery		
Motor	750W brushless motor		
Top Speed	Up to 30+ MPH		
Charging time	5-6 hours		
Charger	US standard 48V 3A smart charger		
Battery Charger Input Volt	110/220 volt AC		
Battery Operational Temperature	0° to 40° Celsius (32° to 104° Fahrenheit)		
Battery Life	Approximately 1000 complete charge/discharge cycles		
Frame	Aluminum alloy foldable frame		
Display	4" Color display with USB charging port.		
Freewheel	8-speed 13-28T freewheel		
Fork	Hydraulic suspension fork, adjustable and locked		
Brake	Double-disc hydraulic brake		
Transmission	Shimano 8 speed		
Seat	Silicone seat		
Tire	20" x 4.0" tires		
Pedal Sensor	Cadence Sensor		
Fender	Included		
Rear Rack	Included		
Rear Cushion	Included (Not to be used for carrying passengers)		
Front LED Light	Included		
Maximum payload weight limit	350lbs		
Recommend rider heights	5'6" - 6'5"		
Climb Grade	30 degree		

NOTE: The component brands advertised on our website may vary depending on the supply chain in the e-bike market. Component changes may occur without notice. All components are carefully inspected to ensure they meet the advertised performance standards.

ANIIOKI





GENERAL TROUBLESHOOTING

As one or more causes of failure might lead to the failure phenomenon, you should find out the true cause(s) and then take the appropriate solution(s) to rectify the problem. In case of doubt, please consult a qualified technician for service, repairs or maintenance.

Phenomena	Possible Causes	1. Charge the battery 2. Clean and repair display connectors 3. Install battery correctly 4. Disengage brakes		
It doesn't work	1. Insufficient battery power 2. Faulty connections 3. Battery not fully seated in tray 4. Brakes are applied 5. The bike will report a error code			
Irregular acceleration and/or reduced top speed	Insufficient battery power Loose or damaged throttle	Charge or replace battery Replace throttle		
When powered on, the motor does not respond	Loose wiring Loose or damaged throttle Loose or damaged motor plug wire Damaged motor The bike will report a error code	Repair or reconnect Tighten or replace Secure or replace Repair or replace		
1. Low tire pressure 2. Low or faulty battery 3. Driving with too many hills, headwind, braking and/or excessive load 4. Battery discharged for long period of time without regular charges (aged or damaged) 5.Brakes rubbing		Adjust tire pressure Check connections or charge battery Assist with pedals or adjust route Replace the battery Adjust the brakes		
The battery wont charge	Charger not well connected Charger damaged Battery damaged Wiring damaged	Adjust the connections Repair or replace Battery Voltage Testing		
Wheel or motor makes strange noises	1.Damaged motor bearings 2. Damaged wheel spokes or rim 3. Damaged motor wiring 4. Disc not centered	Replace Repair or replace Repair or replace motor Adjust the brake or replacea		
Sensor Issue	Sensor loose Sensor or cable broken damaged	Adjust the connections Repair or Replace		
Pre-load and turn off bike suddenly	Battery or motor over heat protection Battery or controller cable loose Battery or controller cable damaged	wait 1-3 minutes to restart e- bike Adjust the connections Repair or Replace		

ERROR CODES & TROUBLESHOOTING

In the event of a problem with the electrical components of your bike, the display will show an error code.

Compare the code with this list below and HOW TO RESOLVE:

Schedule 1: Detailed definition of the error code

CODE	ERROR	HOW TO RESOLVE		
21	Current Error	Check the cable that connects the rear hub motor to the rest of the system. Make sure it is free from grit or contaminants and is firmly connected.		
22	Throttle Error	When you press and release the throttle, it should return to the original position. Remove any obstructions. Check the throttle and throttle cable for damage, such as a cut or frayed cable.		
23	Motor Phase Error	Check the cable that connects the rear hub motor to the rest of the system and make sure it is free from grit or contaminants and is firmly connected. This error might appear if you don't reconnect the cable after removing the rear wheel (for example, after changing a flat tire, or transporting your bike in the trunk of a car). At least one of the motor phase wires has been damaged or is temporarily disconnected.		
24	Motor Hall Sensor Error	The hall sensor inside the rear hub might be disconnected or damaged. Service or replace the rear hub.		
25	Brake Error	When you apply the brakes - built in "magnetic reed switches" disengage the motor's power when the lever is squeezed. If the lever is damaged (for example, following a crash), it might need to be replaced.		
30	Communication Error	Poor connection between the controller and the display, check all cable connections.		

WARRANTY

Every ANIIOKI E-bike is covered under our manufacturer's one year all-inclusive warranty for the original owner against all manufacturing defects.

NOTE: The warranty applies only to original owners and is not transferable.

What About Warranty On ANIIOKI?

Parts covered by the warranty: frame, forks, stem, handlebars, headset, seat post, saddle, brakes (excluding brake pads), lights, bottom bracket, crank set, pedals, rims, wheel hub, freewheel, cassette, derailleur, shifter, motor, throttle, controller, wiring harness, LCD display (excluding damage due to water), kickstand, reflectors, and hardware. The battery warranty does not include damage from power surges, use an improper charger, improper maintenance or other such misuse, normal wear, or water damage.

The warranty does not cover an incorrect assembly or installation of the product by the user, an improper or negligent use, operation or transformation of the product, a maintenance contrary to the maintenance instructions of the product (e.g. lack of maintenance of the brakes), normal wear and tear, defects inherent to the normal useful life or service life of the product, such as a flat battery that can be replaced by the consumer, damages or defects due to accidents.

NOTE: Failure caused by the following cases are not included in the warranty contents. However, the designated store or sales dealer has the responsibility and obligation to provide paid repair service:

- The battery cannot be charged caused by the electric bike has not been used for more than half a month and the battery has not been removed.
- · Without invoice and the warranty.
- Using and maintaining without complying with the user's manual.
- Using the electrical bicycle for other purposes or dangerous acts.
- Dismantling the parts without permission or improperly use and storage.
- · Without using the original parts.
- Traffic accidents or other accidents.
- Anti-rust layer damage caused by abnormal use, which leads to the corrosion and fracture of the parts.
- · Riding on the abnormal road conditions.
- Commercial rental use and irresistible natural disasters.

Shipping Damage Claims

IMMEDIATELY inspect your product(s) for damage. Shipping damage must be reported to ANIIOKI Ebikes within 48 HOURS of shipment arrival. We will not accept Shipping Damage Claims later than 48 HOURS from receipt of products.

What Will We Do To Correct Problems With Your Bike?

If any component is deemed to be defective or damaged without user error, we will issue a replacement part and assist you in replacing the defective parts. We will replace any parts deemed to have been damaged during shipping.

Contact Us

If your question has to do with your order, please provide your order ID and bike serial number with us.

Order ID: You can find this in the order history of the account the purchase was made through.

Bike serial numbers: Each bike has serial numbers.

Please contact our service department at the below email and attach any relevant videos or photos showing your issue so the specialists can better assist you.

Please attention that ANIIOKI electric bike has several sales channels now. Each sales channel has its order list and covers its own after service, including the warranty service, return service, and so on.

Please choose the right one to get connected. If you've already submitted an inquiry, be assured that we are working diligently to respond (within 24 hours in working days).

★ ANIIOKI Ebike Website: www.aniioki.com
Website Service Mail: sales@aniioki.com
Amazon Service Mail: info@aniioki.com
Phone: (909)296-9922

 NOTE: If for some reason you didn't receive our reply email within 48 hours, please kindly check your spam folder. Thank you for your understanding.