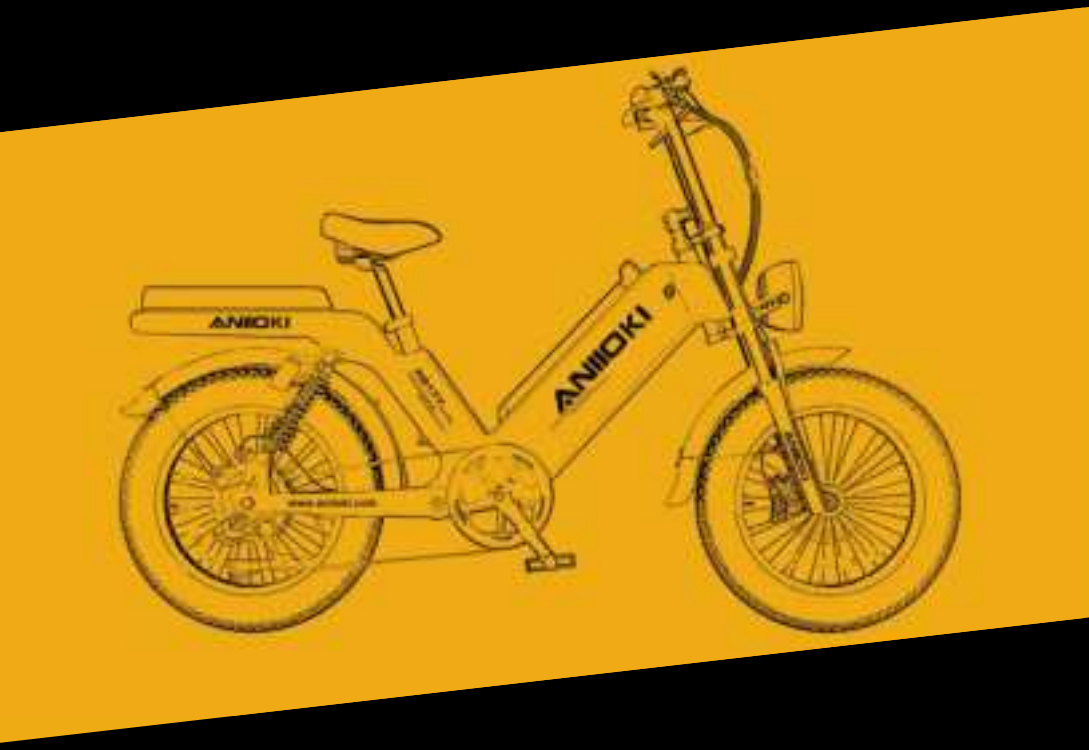
ANIIOKI

USER MANUAL



Model: ANIIOKI AQ177

www.aniioki.com

DEAR CUSTOMER

Thank you for choosing ANIIOKI !

We hope you thoroughly enjoy ANIIOKI ebike.

Our long range ebike.

If you need any assistance. do not hesitate to contact us.

We are always here to help!

- 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
- WhatsApp: (909)296-9922

If you need a voice call to resolve your issue, you can contact us via Whats App.

CONTENTS

IMPORTANT TO READ BEFORE THE FIRST RIDE

1.Please read the manual throughout before assembling or using your new e-bike.

2. Before the first ride, please make sure the e-bike is working normally. If you find any abnormality or defective parts, please contact us for a repair or a replacement.

3.Please record the serial number of the e-bike once you receive the e-bike. in case it will be lost or stolen. The motor serial number is on the motor.

Motor serial number:

4. Please properly maintain the e-bike components, especially the electrical components. It can reduce the risk of component failure.

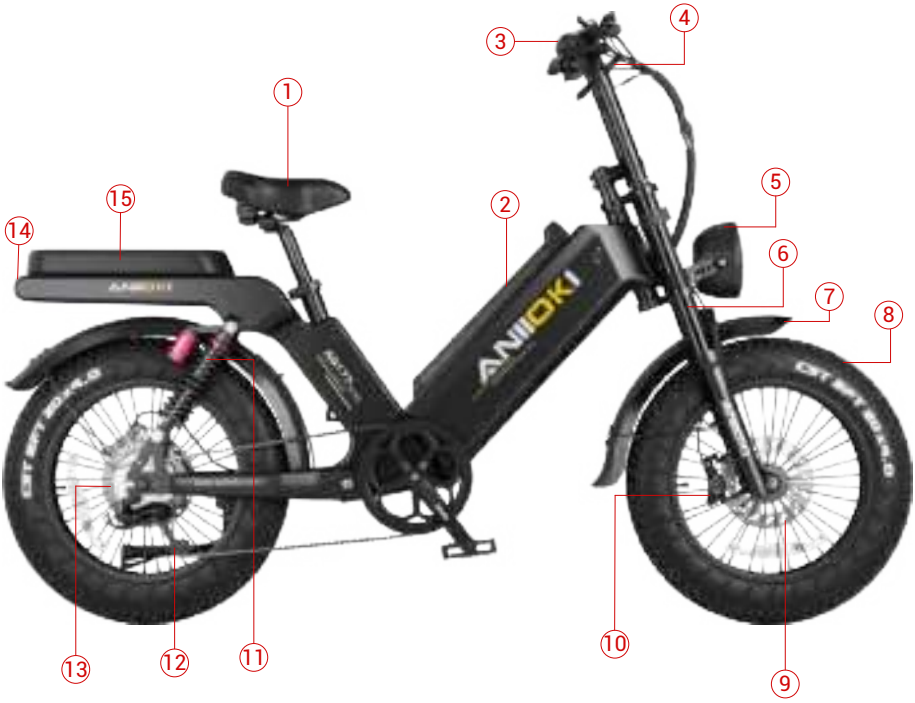
6.Obey the local traffic regulations.

7.Wear a helmet while riding.

8.Do not pursue a high speed or carry people.

9.Please unplug the keys during riding.

SPECIFICATION



1	Saddle	9	Brake Disc
2	Battery	10	Brake Block
3	Throttle	11	Rear Suspension
4	LCD Display	12	Shimano 7 Speed Transmission
5	Headlight	13	Motor
6	Front Fork	14	Taillight/Brake Light/ Turning Light
7	Front Fender		
8	Front Wheel	15	Rear Cushion

ASSEMBLY INSTRUCTION

Part 1:Install the handlebar

1. Remove the 4 screws of the groove.

2. Place the handlebar into the groove and then install the 4 screws, not tighten the screws for temporary.
* Please make sure the grood toward a correct direction, the triangle symbol of the groove is inverted.
You can adjust the handlebar angle as you required at this point.
After adjusting, please tighten the 4 screws to secure the handlebar.

Part 2:Install the headlight

1. Place the headlight into the headlight bracket, install the screws and washers.

Part 3:Install the front wheel

1. Please remove the washers and the bolts attached to the front fork of both left and right side. Remove the protective bar from the front fork.

2. Make sure that the fork of the steering column is pointing forward. And then install the front wheel and the brake disc attached with the brake block, please make sure the axial stem properly into the slots of the fork.

3. Install the washers and then tighten the bolts of each side.
* Make sure that the front wheel moves freely and does not wobble from side to side.
* Reposition the wheel and re-tighten if necessary.
4. 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.
5. 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 of the brake pad.
Caution: Do not operate the e-bike until you assured that both the front and rear brakes are operational.

Part 4:Install the fender

1. Remove the screw and nut attached to the front fork.
Place the iron plate of the front fender attached to the screw of the front fork, then tighten the screw and nut with a Allen key and open-end wrench.

2. Remove the screws and washers attached to the front fork of each side.
Secure the iron wire to the front fork and then install the screws and washers.

Part 5:Install the pedal

1. Find the "R" mark pedal.

2. Install to the right crank and screw up clockwise.
3. Install the other pedal to the left crank and screw up counterclockwise.

Note: please pay attention to tighten and distinguish between left and right, or it will possibly strip off.

2 keys are provided with each bike, please take good care of them!

Keys only lock the battery.please prepare one extra lock for anti-theft.

NOTE: Please unplug the keys during riding

E-BIKE SPECIFICATIONS

AQ177 Pro Max 48V	
750W Motor	48V Battery
Max Torque: 80 N/M	54.6V 8A Charger
48V 25A Controller	Strong Carbon Steel Frame
Half Hydraulic Brakes	Throttle
3 Gear Transimition	Color Display
Front Light	Bell: Integrated Electric Horn
Handlebar Height: 1000mm	Maximum Seat Height: 36"
Recommended Height:5'3"-6'5"	Load Capacity: 350lbs
Rear Light/Brake Lights/Turning Lights	6-8 Hours

OPERATING YOUR NEW E-BIKE

1. Powering Up Your eBike

To turn on the electric system and controller, short press the button twice on the smart key.

To turn the system off, short press the button on the smart key.

After the system shut down, short press the button to turn on the eBike Anti-Theft function, the lock will beep when the slight vibration is felt.

Then short press the button, the eBike Anti-Theft function will be closed and the alert dismissed.

Note: Turn on the throttle button to use the throttle.

Display Remote Control

2. Swich Gear

You can swich the gears by using the button. In total it has 3 gear settings

3. Using the Electric Drive System

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

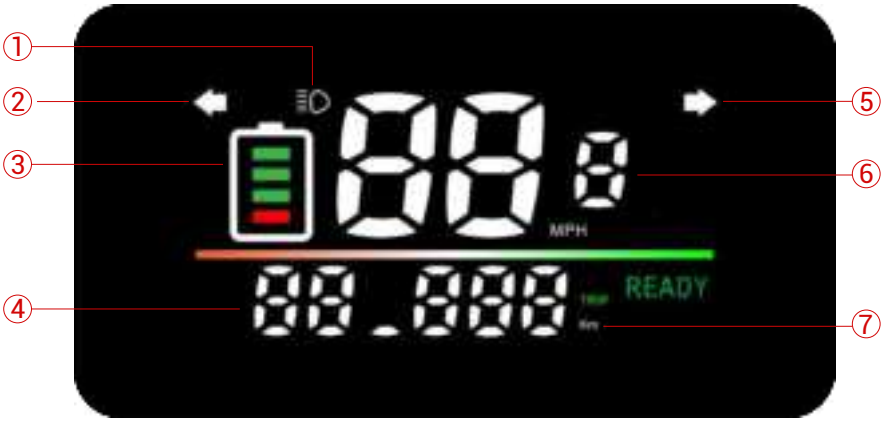
4. Cruise Control

You can engage the cruise control by holding the bike at a constant speed for 8 seconds. When engaged, the bike will hold a steady speed until the brake is applied or the mode is changed.

5. Pedal-Only

Turn off the throttle button to use Pedal-Only modeIn this mode, the ebike 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.

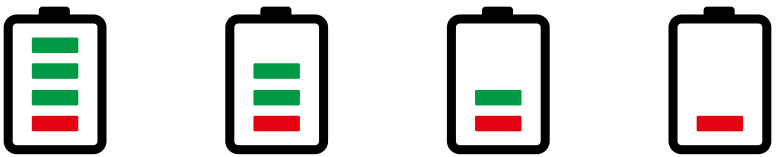
DISPLAY INSTRUCTION



1	Light ON/OFF	5	Right Turn Signal
2	Left Turn Signal	6	Speed
3	Battery Level	7	Mileage
4	Voltage		

1. Battery Level Display

The Battery level is shown as 4 bars. When the battery is full charged, all of the 4 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.



Full power | Three bars power | Two bars power | Low bars power

SUSPENSION SYSTEM

1. Adjusting the Front Suspension

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

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

NOTE: Heavy use of the AQ177 Pro Max 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.

E-BIKE SPECIFICATIONS

AQ177 Pro Max 52V	
1000W Motor	52V Battery
Max Torque: 100 N/M	58.8V 8A Charger
52V 28A Controller	Strong Carbon Steel Frame
Dual Hydraulic Brakes	Throttle
Shimano 7 Speed	YL-81F Color Display
Front Light	Bell: Integrated electric horn
Handlebar Height: 1000mm	Maximum Seat Height: 36"
Recommended Height:5'3"-6'5"	Load Capacity: 350lbs
Rear Light/Brake Lights/Turning Lights	6-8 Hours

OPERATING YOUR NEW E-BIKE

1. Powering Up Your eBike

To turn on the electric system and controller, short press the button twice on the smart key, Then press the power button on the bike immediately after "D" sound.

To turn the system off, short press the button on the smart key.

After the system shut down, short press the button to turn on the eBike Anti-Theft function, the lock will beep when the slight vibration is felt.

Then short press the button, the eBike Anti-Theft function will be closed and the alert dismissed.

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You can engage the cruise control by holding the bike at a constant speed for 8 seconds. When engaged, the bike will hold a steady speed until the brake is applied or the mode is changed.

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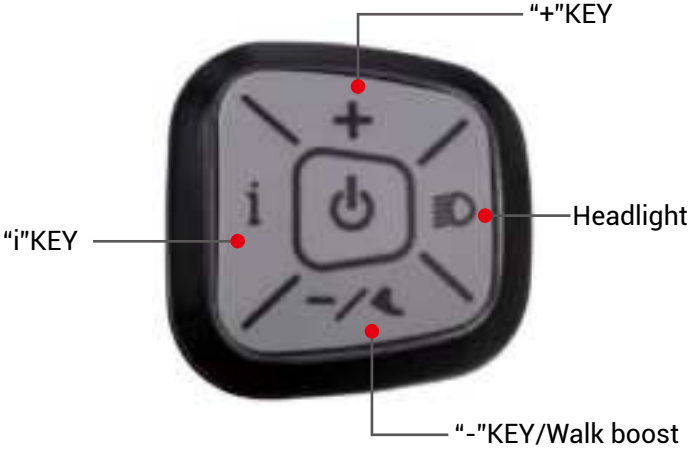
Turn off the throttle button to use Pedal-Only modeIn this mode, the ebike will perform like a normal bike, as you'll be riding without any assistance from the motor. This mode is especially useful if you run out of battery, or are looking for more intensive resistance training.

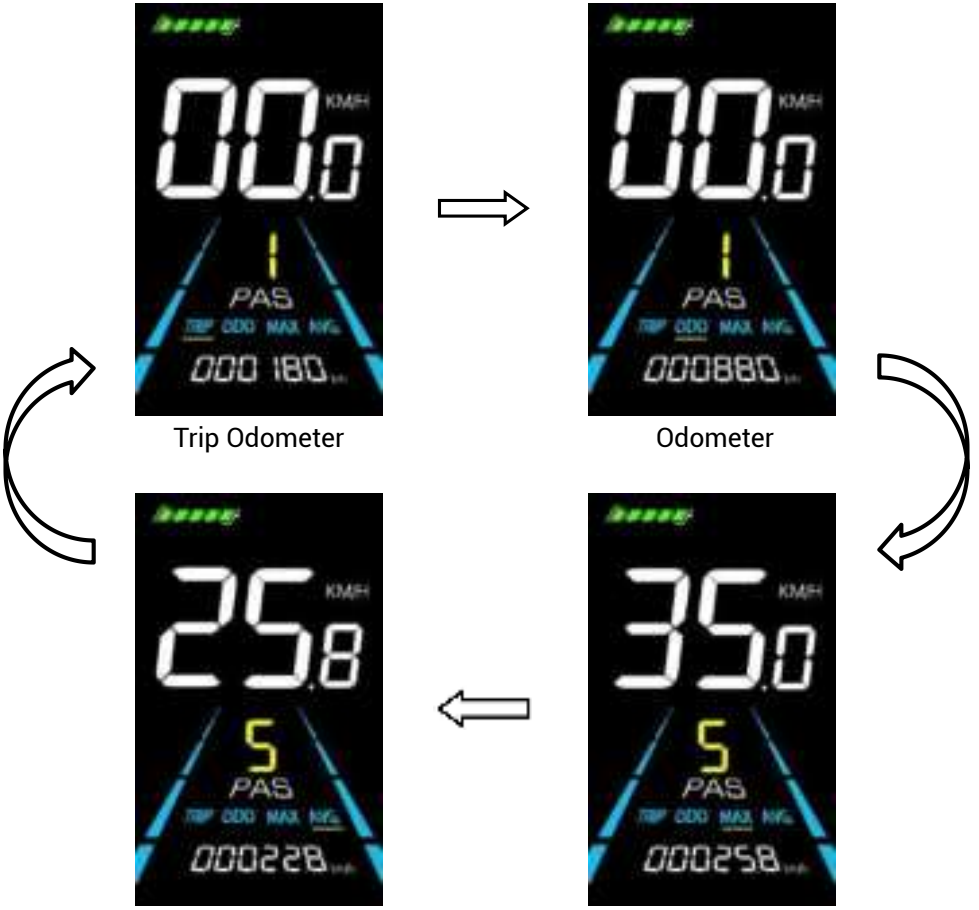


DISPLAY INSTRUCTION

1	Battery level	6	USB
2	Error code	7	Headlight ON/OFF
3	Current speed	8	Speed unit (KM/H MPH)
4	Walk boost	9	Cruise
5	Trip odometer Odometer Max speed Average speed	10	PAS level
		11	Value and unit

1. Display interface switching

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



2. Walk boost mode

Long Press and hold −, the electric bicycle enters the walk boost mode. The electric bicycle will walk at a fixed
speed of 6 km/h and the display shows . Release − to stop the power output immediately and restore to the state
before walk boost.

NOTE: The walk boost mode can only be used when pushing the electric bicycle, please do not use it while riding.

3. Turning on/off lights

Press the to make the controller turn on the lights and the display backlight becomes dim. Press again to make the controller turn off the lights and the backlight restore brightness.

4. PAS level selection

Press + / − to switch PAS level of electric bicycle, thus changing the motor output power.

5. 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.


Full power


Four bars power


Three bars power


Two bars power


One bar power


Empty power flashing

6. 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 [Error Code Table] for a detailed definition of the error code.

NOTE: When the error code appears on the display, please troubleshoot the problem in time, the electric bicycle will not be able to drive normally after the problem occurs.

PERSONALIZED PARAMETER SETTINGS

NOTE: Each setting needs to be done with the bicycle stationary.

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.

The personalized parameter setting procedure is as follows:

When the display is ON and the speed shows 0,

1. Press and hold + − simultaneously for more than 2 seconds to enter the personalized parameter setting interface.
2. Press + / − to toggle between the personalized parameter setting interface, and press i to enter the parameter changing state.
3. Press + / − to select the parameter, long pres + for addition operation, long press − for subtraction operation.
4. Press i to save the parameter settings and return to the personalized parameter setting interface.
5. Long Press i to save the parameter settings and exit the personalized parameter setting interface.

The following options are available on the personalized parameter setting interface:

1. Metric and Imperial setting

01P is the metric and imperial setting, 00 for metric and 01 for imperial. Press i to enter the parameter changing state. Press the + / − to select the parameter and press i to save the parameter setting and return to the personalized parameter setting interface.

2. Rated voltage setting

02P is the rated voltage setting. The available rated voltage range is: 24V, 36V, 48V.

Press ℹ to enter the parameter changing state. Press the ➕ / ➖ to select the parameter and press ℹ to save the parameter setting and return to the personalized parameter setting interface.

3. PAS level setting

03P is the Pedal assist level setting. The available PAS level settings are: 0~3, 1~3, 0~5, 1~5, 1~7, 0~7, 0~9, 1~9.

Press ℹ to enter the parameter changing state. Press the ➕ / ➖ to select the parameter and press ℹ to save the parameter setting and return to the personalized parameter setting interface.

3-1. 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.

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

Press the ⊞ / ⊟ to select the parameter and press ⓘ to save the parameter and enter into the next level setting. Press ⓘ again to save the settings and return to the personalized parameter setting interface.

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%	-	-
0-9/1-9	25%	34%	43%	52%	61%	70%	79%	88%	96%

Pedal assist level default ratio value

4. Wheel diameter setting

04P is the wheel diameter setting. The adjustable wheel diameter range is: 8~50inch.

Press i to enter the parameter changing state. Press the + / − to select the parameter and press i to save the parameter setting and return to the personalized parameter setting interface.

5. Speed Limit Setting

06P is the speed limit setting. The adjustable speed limit range is: 1~60km/h or 1~41km/h. (The maximum adjustable speed limit varies by different protocols).

Press i to enter the parameter changing state. Press the + / − to select the parameter and press i to save the parameter setting and return to the personalized parameter setting interface.

6. Throttle setting

09P is the throttle setting.

6-1. Throttle 6KM/H walk boost setting

HL is the throttle 6KM/H walk boost setting. HL-Y is to enable the walk boost and the speed will maintain at 6KM/H when using throttle. HL-Y is to disable the walk boost and it can reach the max speed when using throttle.

Press the ⊞ / ⊟ to select the HL-Y and press ⓘ to save the parameter setting and return to the personalized parameter setting interface.

Press the ⊞ / ⊟ to select the HL-N and press ⓘ to save the parameter setting and enter into 6-2 Throttle Level setting interface or long press to return to the personalized parameter setting interface.

6-2. Throttle level setting

HF is the throttle Level setting. HF-Y is to enable the throttle level. When using the throttle, the max speed depends onthe throttle level. (0~3, 1~3, 0~5, 1~5, 1~7, 0~7, 0~9, 1~9) HF-N is to disable the throttle level. The speed is independentwith the throttle level and can reach the rated max speed.

Press the ⊞ / ⊟ to select the parameter and press ⓘ to save the parameter setting and to return to the personalized parameter setting interface.

7. Power-on password setting

10P is the power-on password setting. The power-on password is not activated by default but users can activate it from setting PSd-y. The factory default password is 1212. Users can set other four-digit password. Please keep the password in mind after changing it, otherwise you will not be able to use the display.

Press i to enter the parameter changing state. Press the + / − to select the parameter. PSd-y means the power-on password is activated while PSd-n is off. Press i to confirm the mode and enter the state of setting the four digits power-on password or exit to the personalized parameter setting interface.

NOTE: Remember your password after changing it, or you will not be able to use the meter!

In the password setting mode, the adjustable digit will flash. Press the + / − to select the parameter and press i to save the numbers and go to the next digit setting. Long press i to save the parameter setting and return to the personalized parameter setting interface after finish setting the four digits in turn.

8. Auto Sleep Time Setting

11P is the auto sleep time setting. To save the battery power and reach higher range, this display will be turned off afterit has not been used for a time. The adjustable range is: 1~60min, 00 means no auto shutdown. The factory default setting is 10 minutes.

Press i to enter the parameter changing state. Press the + /− to select the parameter and press i to save the parameter setting and return to the personalized parameter setting interface.

9. Auto Sleep Time Setting

9-1. Restore factory settings operation

dEF is the restore factory default parameter settings. dEF-Y is to restore default settings, and dEF-N is not to restore.

Enter into the main setting interface and keep the speed at 0, press and hold ◎ and + simultaneously for 2s to enter the restore factory default setting interface. Pressing + /− to toggle to dEF-Y. Then after pressing i to confirm, the display will show dEF-0 for a few seconds and then automatically start to restore the factory default settings. The display will automatically exit to setting interface after the restoration. personalized parameter setting interface.

9-2. Trip odometer reset operation

The display can record trip odometer and odometer. Trip odometer is not automatically reset after turning off. The trip odometer needs to be reset manually.

Enter into the main setting interface and keep the speed at 0, press and hold − and i simultaneously for 2s to reset the trip odometer. The main interface will flash during the reset process.

COMPONENTS INSTRUCTION AND MAINTENANCE

Battery

1. Battery maintenance:

- If you know you won't be using the battery for more than a few days, keep it charged at about 75% capacity. At 75%, the battery will degrade less than at higher charge levels.
- Periodically check your battery's charge level once a month and charge it up to 75%.

2. Charging:

- The battery can be charged while it is attached or detached to the e-bike.
- You can remove the battery by inserting the key into the lock on the side face of the battery slide.
- To lock the battery. insert the key into the lock on the side face of the battery slide.
- Do not charge the battery with chargers other than the charger provided by bike.
- Only charge the battery indoors in dry spaces which are not excessively hot or cold.
- Ensure there is no dirt or debris nearby when using the charger.
- The light on the charger will be red when the battery is charging and will turn g reen when charging has finished.
- Avoid leaving the charger plugged in when the battery is fully charged.
- Do not charge the battery if you notice the battery is damaged, excessively hot, leaking, smelly, or discolored.
- Charging the battery should take approximately 6-8 hours if the battery is mostly empty.
- Store the battery indoors in a dry space, away from heat or flame sources, and out of direct sunlight.

3. Safety:

- Do not submerge the battery in a liquid of any kind.
- Do not touch the terminals at the back of the battery.
- Turn off the battery when not in use and before removing it from the e-bike.
- Battery charging times may increase with battery age and usage.
- Only grab the charger by the plug and not the cable when plugging and unplugging from the wall.
- If the battery has trouble charging.discontinue charging and contact Aniioki immediately.

NOTE:

Lithium-Ion batteries can be dangerous.Take care when using and charging your battery. Failure to follow the above guidelines could result in damage to property and/or serious injury. Contact Aniioki immediately if you have any questions regarding battery safety.

Motor:

The motor is the drive system of the e-bike. Take good care of it will keep the e-bike performance.

1. Daily riding: using PAS mode especially when climbing hills can reduce the motor wear and tear.

2. Maintenance: lubricate the motor when the range is at 100miles, 500miles, 1000miles, and whenever necessary. Or it will cause motor noise. To avoid any damages caused by improper operation. it's recommended to do the motor maintenance in a professional bike shop.

Derailleur:

The Aniioki ebike comes with a 7 speed derailleur system (including freewheel, rear derailleur. gear and shifter). This allows the rider to maintain a comfortable level of effort and pedaling speed throughout different terrains. For instance, while pedaling in lowest gear, it will be easier to pedal up hills. In the highest gear. the rider will be able to reach higher speeds on flat or downhill terrain.1st gear is the lowest gear while 7th gear is the highest gear.

Display:

Aniioki ebike comes with a color display. It's the control board of the e-bike. The electric on ic system will only work after the display is switched on. It can show the mileage of riding and indicate e-bike fault. Also. you could modify the settings to make the e-bike more pleasant to ride. Please read the display manual carefully and learn about the bas ic operations before your first ride.

SAFETY

Helmets and Local Laws

Always wear a helmet when riding your e-bike.Ensure that the helmet fits your head and is securely tightened down.Before riding.read local laws and comply with all rules relating to e-bike cycling in your area.If you attach a seat for children to the e-bike they must also be wearing a properly fitted helmet at all times.

Pre-ride Safety Check and Inspection

Before each ride make sure to inspect your e-bike to ensure there are no loose fasteners or accessories.Make sure to specifically check that both the front and rear axles are secure.Also.make sure both the handlebars and the handlebar stem are not loose.Check the tire pressure of both wheels before riding to ensure the tires are inflated to the recommended pressure.Pull the brake levers to make sure your brakes are working properly and adjust if necessary.Make sure that both the handl ebar latch and frame latch are fully closed and locked.Note that the handlebar latch has a safety pin that needs to be inserted sideways in order to prevent it from opening during a ride.

Riding in Wet Conditions

This electric bicycle can withstand light rain and small splashes but is not designed to be subjected to inclement weather, heavy showers, or submersion in water. Use caution when riding in wet conditions as it will take longer to use the brakes to slow down, and also when turning as the tires may slip. The electrical components on the e-bike are not waterproof. And water damage is not covered under warranty

Riding at Night

Riding at night comes with more risks than riding during the day due to decreased visibility so riders are encouraged to exercise increased caution.Before riding at night make sure that reflectors are installed on your e-bike.Riders should wear bright-colored clothing at night.

Max weight

The e-bike can safely carry a total weight of 330 lbs. The recommended loading is 300lbs.

Heavier loading than 330lbs will affect the e-bike performance. Failure to adhere to these weight limits may result in damage to the e-bike, the rack, or cause serious injury to therider. Note range and top speed will be affected by the total weight being carried by the e-bike.

WARRANTY

We guarantee a patially 1-year warranty for specific parts. If the customer finds non human damage within one week after receiving the goods, we will send the replacement parts free of charge. After 1 year, the customer has to pay replacement parts and shipping fees. The e-bike which we sell are factory new regular products, all parts are the same as the original parts.

Terms Of Warranty

1.This warranty is only applied to the original owner of Aniioki e-bike.

2.One of the following conditions does NOT qualify for warranty:

- The e-bike is damaged due to improper assembly or improper use, includ ing operator error, water damage, extreme riding, stunt riding, or improper follow-up maintenance.
- The e-bike has been modified.
- Poor and damaged due to natural disasters, man-made disasters, irresistible forces or chemical attack.
- For accessories that do not need to be returned, proof materials such as videos or pictures cannot be provided.
- Damage caused by modification or addition or subtraction of other acces sories.
- It is a vulnerable or consumable item in normal use (accessory coating. inner tube, thread tube, order piece, sprocket, chain, pedal). It is not covered by human injury, damage, normal wear and tear.

Warranty Coverage

Part	Warranty Period	Warranty Scope
Frame	24 Months	desoldering/material fracture
Fork	12 Months	performance failure
Motor	12 Months	quality fault/break down/ performance failure
Battery	12 Months	quality fault/power capacity is tested lower than 50% of the rated capacity.
Controller	12 Months	performance failure
Charger	12 Months	performance failure
Display/Dashboard	3 Months	performance failure
Tires	3 Months	crack/leaking
Saddle	3 Months	crack/damaged
Other Parts	3 Months	Damaged/performance
Front/Middle axle	3 Months	performance failure

NOTE:

1.If the motor breaks down after it has been replaced for once within the warranty period. we will charge for replacement and freight by then.

2.The battery housing is not under warranty scope.

RETURN POLICY

1. No e-bike returns or e-bike replacements after 15 days of receiving.

2. Any e-bike returns or replacements should be authorized by Aniioki in advance via emails.

3. The damages caused by transportation like scratches, defective parts are NOT justific ations for returns.

4. Pieces of evidence like pictures or videos are needed for any e-bike returns or replace ments.

5. The customer should return the original package with the returned label provided by Aniioki. Or Aniioki will NOT be responsible for any missing items or damages during the shipment

6. The customers can return the items by themselves or get a return label via emails from Aniioki after being authorized.

7. Returned items must keep the original packaging.

- The box must be sealed.
- The e-bike and its outer packaging must NOT be damaged.
- Accessories and parts should NOT be missing.

8. Please provide the seller with photos of all returned items. including the outer packag ing. The seller will have to check the status and quantity before shipping

9. Please provide Aniioki with photos of the original package before shipment. Aniioki will have to check the status of the original package

10. The customer should ship the returned item within 48 hours after Aniioki provide a return label. Or the return will be deemed as canceled by the customer.

11. While returning the e-bike. the customers should ship it to the nearest FedEx/UPS store and paste the printed return label on the carton.

12. Please select the signature service when sending back to prevent the returned e-bike from being lost. Aniioki will send pictures or videos to the customers when signing the returned items.

13. No free return without reason is supported. “Don't like it” “Don't want it anymore"or any delayed delivery caused by the carrier can NOT be deemed as a valid reason for a return.

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:

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 thetrunk of a car). At least one of the motor phase wires has been damaged or is temporarily disconnected.
24	Motor HallSensor 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 thelever 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.


AMIOKI