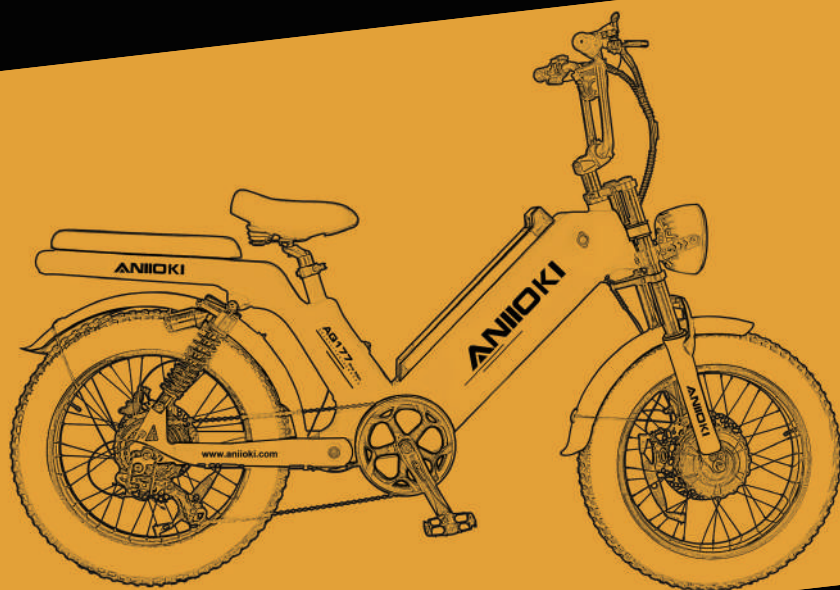# ANIIOKI

USER MANUAL

Model: ANIIOKI AQ177

www.aniioki.com

ANIIOKI

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	10	Brake Block
2	Battery	11	Rear Suspension
3	Throttle	12	Shimano 7 Speed Transmission
4	LCD Display	13	Rear motor
5	Headlight	14	Taillight/Brake Light/ Turning Light
6	Front Fork		
7	Front Fender	15	Rear Cushion
8	Front Wheel	16	Front Motor
9	Brake Disc		

PACKAGE LIST

Box-A

Box-B

Box A list:

1. Ebike (Not included Front wheel)
2. Charger
3. Installation Tools

Box B list:

1. Front wheel

Note: The front wheel is packed in a separate box due to weight restrictions.

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.

Note: Please make sure to install the accessories on, before installing the nut.

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.

4. Please make sure to align the wires accroding the arrow on each side of the wire before installing.

5. After installing the motor wire, please make sure to tighten the wire in place.

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
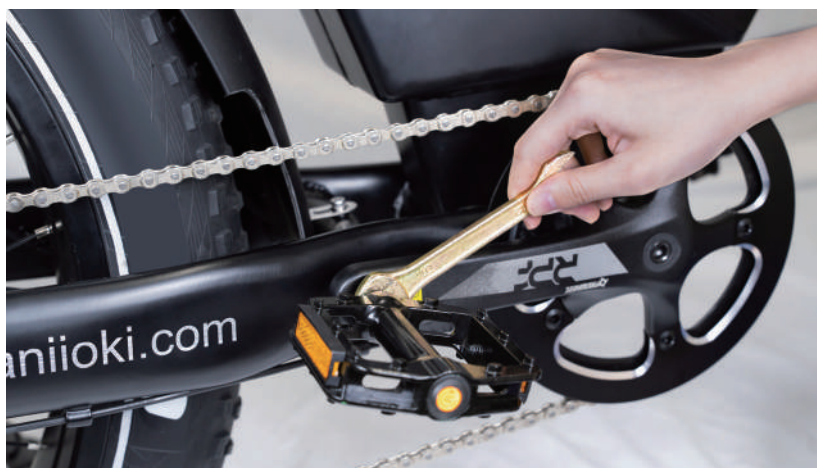open-end wrench.

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

Rotate to adjust the shock absorber

E-BIKE SPECIFICATIONS

AQ177 Pro Max Dual Motor	
Front motor 750W	52V 58.8Ah Battery
Rear motor 1000W	58.8V 8A Charger
Max Torque: 120N/M	Strong Carbon Steel Frame
2 in 1, 45A controller	Throttle
Four-piston brake	Bluetooth display
Shimano 7 Speed	Bell: Integrated electric horn
Front Light	Maximum Seat Height: 36"
Handlebar Height: 1000mm	Load Capacity: 350lbs
Recommended Height:5'3"-6'5"	6-8 Hours
Rear Light/Brake Lights/Turning Lights	

ANIIOKI

OPERATING YOUR NEW E-BIKE

General operations

1.Button definition

Remote model: K5, 5 buttons, ON/OFF, info, +, light, -/Walk boost.

2.ON/OFF

Double-click the middle ⚡ button on the key fob to turn on the display, and the bike will start working.

Double-click the unlock 🔓 button on the key fob to turn off the power of the electric bike.When the display is off, it no longer uses the battery and the bike turns off.

Press the lock 🔒 button on the key fob enable the alarm system.

When parking the E-bike for more than 5 minutes, the E-bike systemswitches off automatically

## 1. 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.

2. 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.

4. 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.
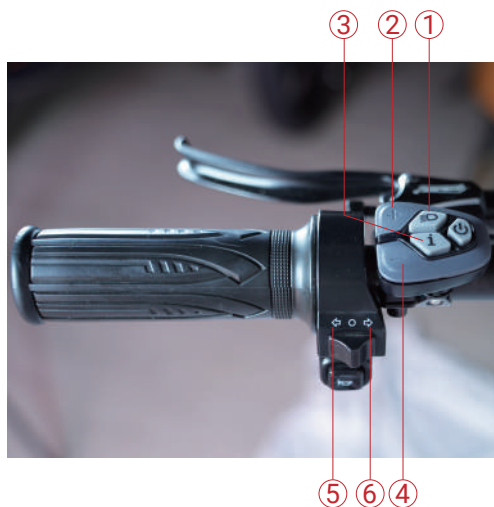
1	Headlight
2	"+"KEY
3	"i"KEY
4	"-"KEY
5	"←""Left turn signal
6	"→""Right turn signal

1	Shimano 7 Speed
2	Horn
3	Half twist throttle
4	Brake lever

Display Instruction

3.Display interface

After switching on the E-bike system, the display will show Current speed (mph)and Trip distance (mile). Pressing the "i" button to switch between following items:

Trip distance (mile)- 0D0 (mile)-Max. Speed (mph)- Avg. Speed (mph)-Riding Time (Min.)Time (Min.)

Display interface

4.Walk boost

When at level ZERO, Keep holding - button, after 2 s, the ebike is activated tothe walk boost mode and ebike moves at a uniform speed of 6km/h and screenshows icon" " . when you release - button, ebike stops power outputimmediately and gets back to the status before walk boost is activated.

Walk boost

5.Ligh tcontrol

Press for 2s to turn on the light and display backlight brightness lowers down.
Press again for 2 s to turn off the light and display backlight brightness recovers.

Bike light on

6.PAS level selection

Short press the "+" or "-" button to switch the pas level of the bike and change the output power of the motor. The default output power ranges from level 0 to level 5. PAS level 0 stops power output, PAS level 1 is the minimum power, PAS level 5 is the maximum power. As shown in the figure below, it is PAS level 1.

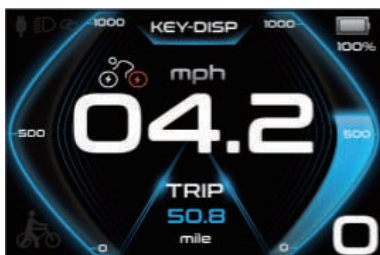**PAS level selection**

7.Motor power

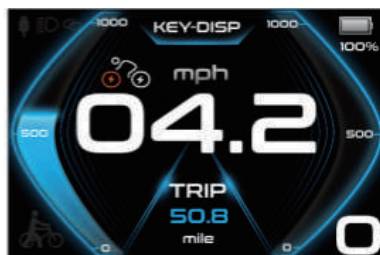The motor power can be known from display. Shown as in below figure.

Motor power

8.Drive modes
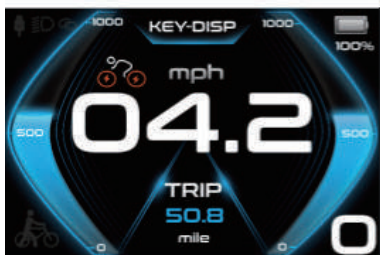
Press i button for more than 2 s and you choose Front/Rear/FR(Dual)/ Auto(Dual ECO) , 4 drive modes. REAR drive is the default.
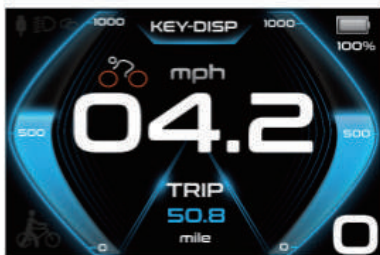

Rear

Front

FR

Auto

9.USB connection

Charge your phone or other electronic devices while riding with the built-in USB interface.

USB connection

Err code

When an err appears, display shows err codes. Please refer to attached list for definition details.

Err interface

◆ **When an err appears, display shows err codes. Please refer to attached list for definition details.**

Setting

When display is on and bike is static. Hold + and - for 2s to enter setting page.

Setting includes Display setting, Advanced settings, Information (software info).

Setting

◆ **all settings must be done to a parked ebike with no speed**

Display settings

◆ Trip Reset

"TRIP Reset" is for clearing a trip distance. Press +/- to choose No (no clearing a trip distance) or Yes (clearing a trip distance). press i to save a changed setting. Or hold i button to exit to home scree or use "BACK"→ to home screen. When display is off or ebike is powered off, the TRIP data will not be automatically cleared.
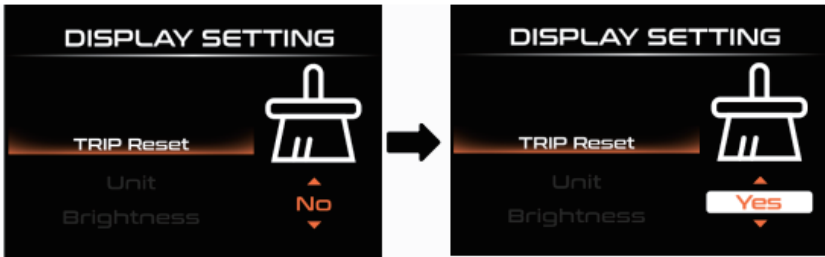
Trip reset

◆ Unit

"Unit" is for toggling between Metric（km）/Imperial（mile）. press +/- to choose the desired unit. The default is Imperial (mile). Press i to save a changed setting.
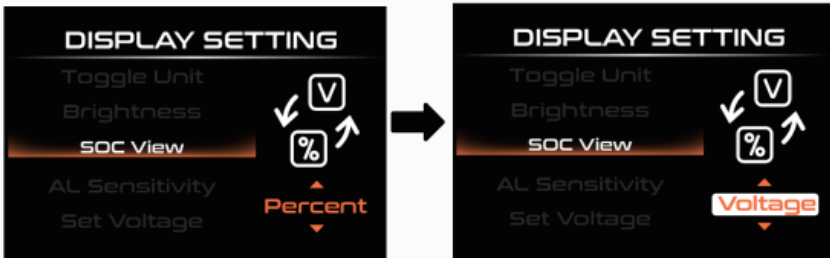
SOC View

◆ AL sensitivity

"AL Sensitivity" for setting the sensitivity for the light sensor. Press +/- to choose from 5-1 or OFF. The default is 3. press i to save a changed setting.

AL sensitivity

◆ Set voltage

Set voltage is for setting the battery voltage segmented values. The display only supports 52V. Press i to switch between voltage segments. For example, 44 volt is the first the segment and you can change the value by pressing +/-. press i to confirm and move to the next segment. After all 5 segments are completed, long press i to confirm and save the settings.
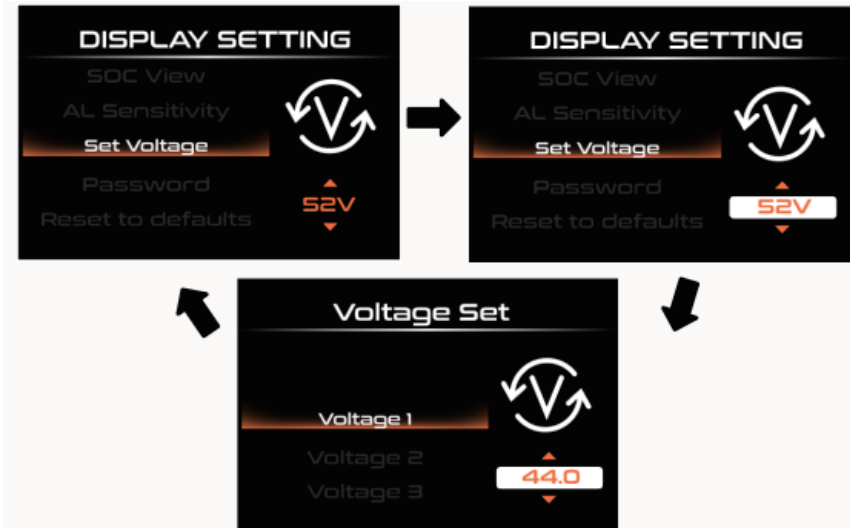
Set voltage

Password

Press +/- to select **Password** and press i to enter the setting. Press i again to choose **Start Password**. Press +/- to switch between OFF and ON. See below,

The default is OFF.

Password

◆Password ON

After selecting "ON" in the "Start PassWord" interface, short press the "i" to confirm. The interface prompts for password input, short press the "+" or "-" to enter numbers, short press the "i" key to move to next digit, and after entering the 4-digit password, short press the "i" key to confirm; The interface prompts to enter the password again. After two consistent inputs, the system prompts that the password has been set successfully. If the two inputs are not consistent, you need to repeat the first step of entering a new password and confirm. After the password is set successfully, the interface will automatically jump to the original setting interface
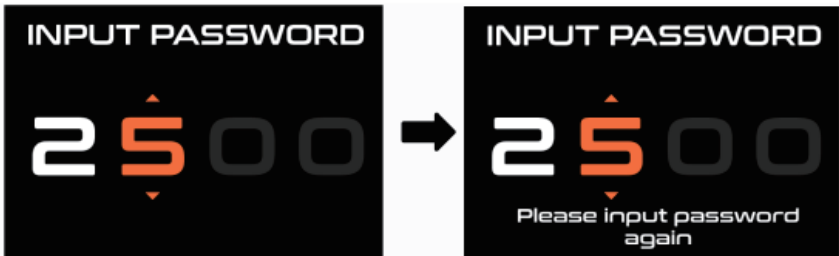
Password ON

Password OFF
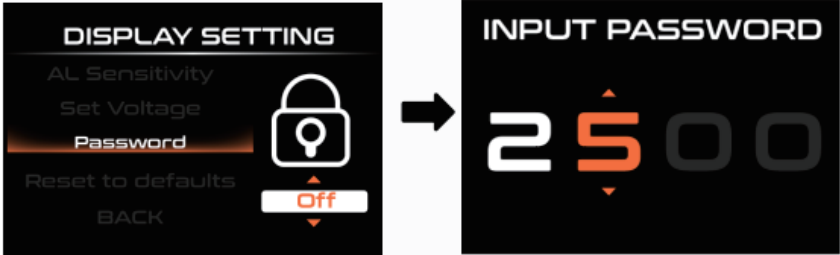
After selecting "Off" in the "Password" interface, short press the "i" button to confirm. The interface prompts for password input. Once the password is entered correctly, the password can be disabled.

Password OFF

◆Reset to defaults

Short press "+" or "-" to select "Reset to defaults", short press "i" to enter the settings, and switch between "YES" or "NO" by short pressing "+" or "-". The display defaults to NO (not restoring to factory settings). Short press "i" to save and exit to "Reset to defaults".
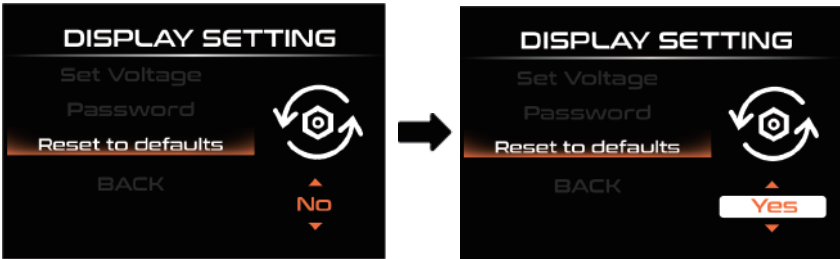
Reset to defaults

Advanced settings
◆Assist levels

"Assist levels" is for setting the assist level modes. 8 options: "0-3, 1-3, 0-5, 1-5, 0-7, 1-7, 0 -9, 1-9". press +/- to choose your desired mode. Press i to confirm a changed setting. The default is 0-5 mode.
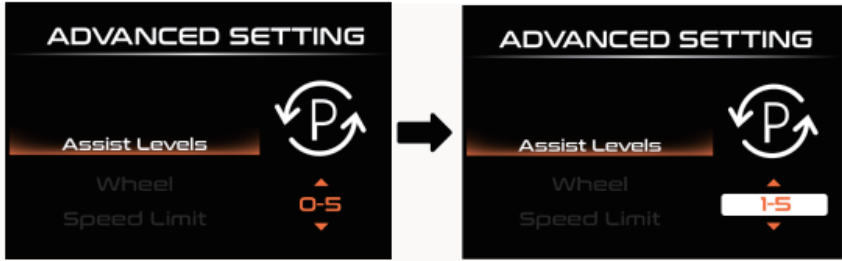
Assist levels

◆Wheel

Wheel is for setting the wheel sizes. Press +/- to set the wheel sizes and the optional sizes are "16Inch、18 Inch、20 Inch、22 Inch、24 Inch、26 Inch、700C、28Inch, 29.0Inch". the default is 24 inch. Press i to save a changed setting.
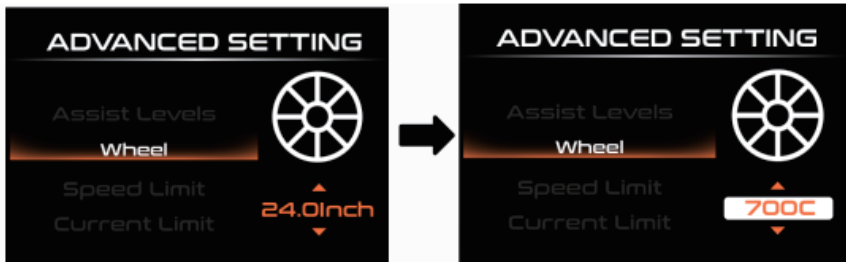
Wheel

◆Speed limit

"Speed Limit" is for setting the speed limit. Press+/- to change the speed limit value. press i to save a changed setting. The optional value is 12-99 km/h. the default is 31 mph.

Speed limit

◆throttle-6km

Throttle enable is for setting walk boost by throttle. Press +/- to choose YES (enable) / NO (disable). the default value is NO. Press i button to confirm a changed setting.
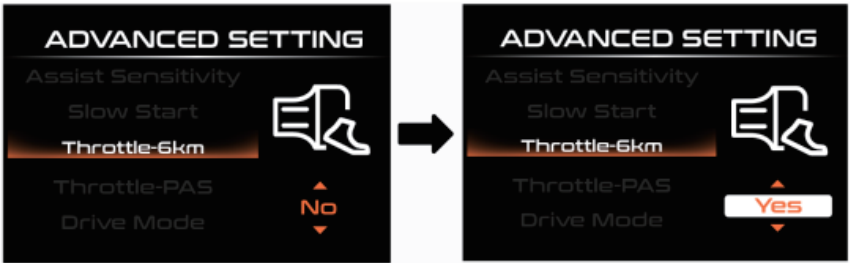
throttle- 6km

◆Throttle-PAS

Press +/- to choose YES **(enable)** or NO (disable). the default is NO **(disable)**. press i button to save a changed setting.

If **YES**, means throttle speed is limited by current assist level.

If **NO**, means throttle speed is not limited by current pedal assist level. Full speed throttle.

Throttle PAS

◆Drive mode

"Drive Mode" is for setting the motor drive modes. Press+/- to choose from"
Front(front drive), Rear (rear drive), FR(dual drive), Auto (Dual drive ECO)", the
default is "**Rear**"。
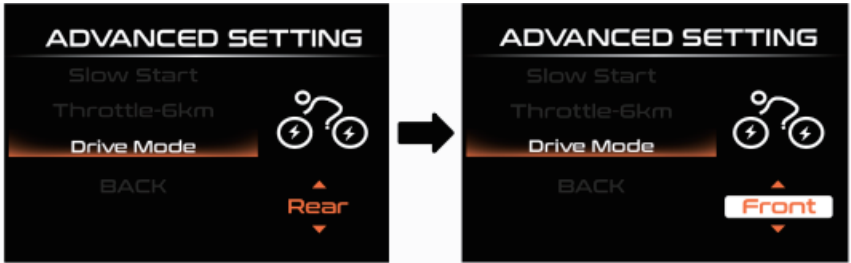
Information（**software info**）

"**Information**" is for checking the software information. Long press i to exit or
press BACK to exit to set page.
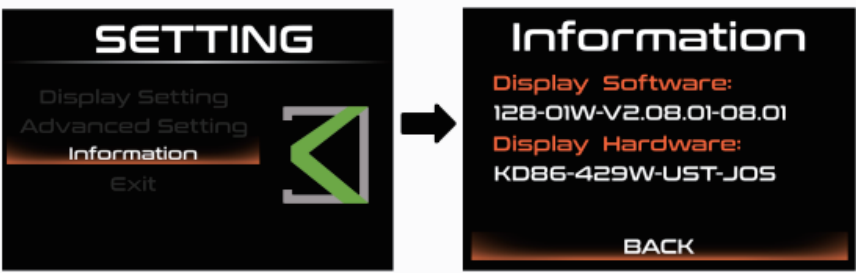
Information

Note： **the software version is only Key-Disp's internal tracking purpose.**

Explanation of Drive Systems for AQ177 PRO MAX DUAL MOTOR Electric Bikes:

◆Front(front drive):

In a front-wheel drive electric bicycle, the motor is located in the front wheel hub, providing propulsion through the front wheel. This setup is generally simpler and can offer good traction on flat surfaces and smooth roads.

◆ Rear (rear drive):

In a rear-wheel drive electric bicycle, the motor is located in the rear wheel hub, providing propulsion through the rear wheel. This setup often offers better stability and handling, especially on uneven terrain or when climbing hills.

◆ FR(dual drive):

In a dual-wheel drive electric bicycle, motors are installed in both the front and rear wheel hubs, providing propulsion through both wheels. This configuration delivers maximum traction and power, making it ideal for challenging terrains and conditions.

◆ Auto (Dual drive ECO)

In a dual-wheel drive electric bicycle with reduced power, both wheels are still driven by motors, but the power output is intentionally limited to reduce energy consumption or adapt to less demanding conditions. This setup offers the benefits of dual-wheel drive while conserving battery life and providing a smoother ride for everyday use.

These various drive systems allow our users to choose the configuration that best suits their riding style and the terrain they will be navigating.

BLUETOOTH FUNCTION

◆Add Bluetooth Device

Open the Key-Disp APP and enter the APP homepage, click "My Devices-Add Device" to search for Bluetooth to add the display, click "Searched Bluetooth Devices-Finish", the display will show the ◎ symbol, which means the connection is successful.
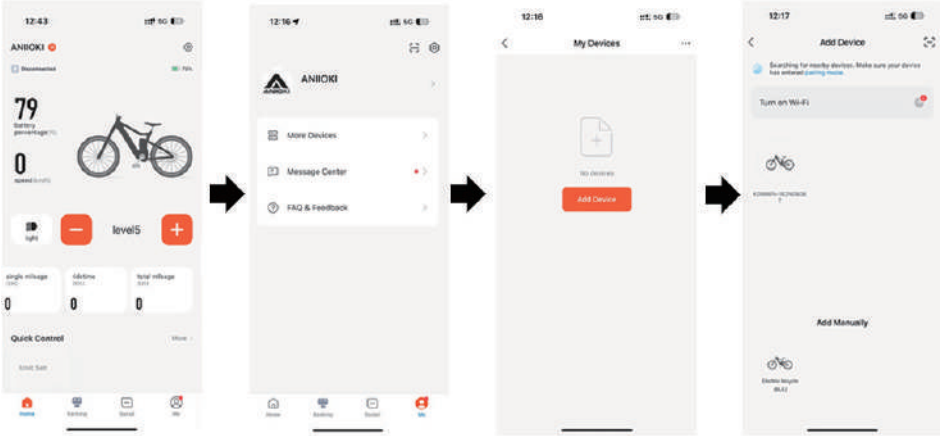
The Bluetooth device is added successfully Interface

Bluetooth Connection Success Interface

◆Adjust the PAS Level

After the Bluetooth connection is successful, you can use the "+" and "-" functions in the Key-Disp APP to increase or decrease the PAS level of the e-bike to change the output power of the motor. PAS level 0 means no power assist output.

Adjust the PAS Level by APP

◆Turn on the Headlight

After the Bluetooth connection is successful, you can turn on the headlights through the "Headlights" function of the Key-Disp APP. After turning on the headlights, the brightness of the backlight will decrease. Click "Headlights" again to turn off the headlights, and the brightness of the backlight will return to the original brightness.
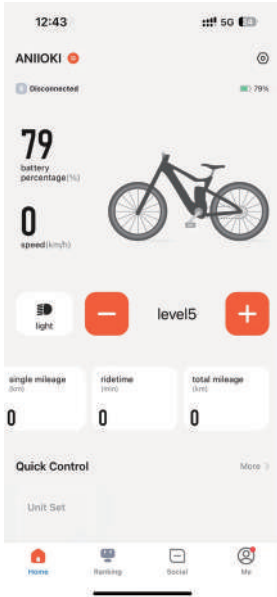
Turn on the headlight by APP

◆Multi-system switching

After the Bluetooth connection is successful, multiple Bluetooth systems can be switched through the Key-Disp APP.

Multi-system switching Interface

◆Navigation interface

After the Bluetooth connection is successful, you can open the navigation interface through the "map navigation" function of the Key-Disp APP, enter the destination, and the display will synchronize the mobile phone navigation interface.
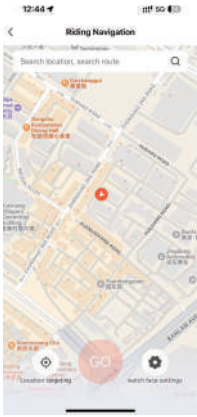
Connect display navigation interface by APP

FindMY

(1) Press and hold the "+" button for more than 3s, release it, and trigger network distribution;

(2) Use the Find APP of the Apple mobile phone to search for FIND MY.
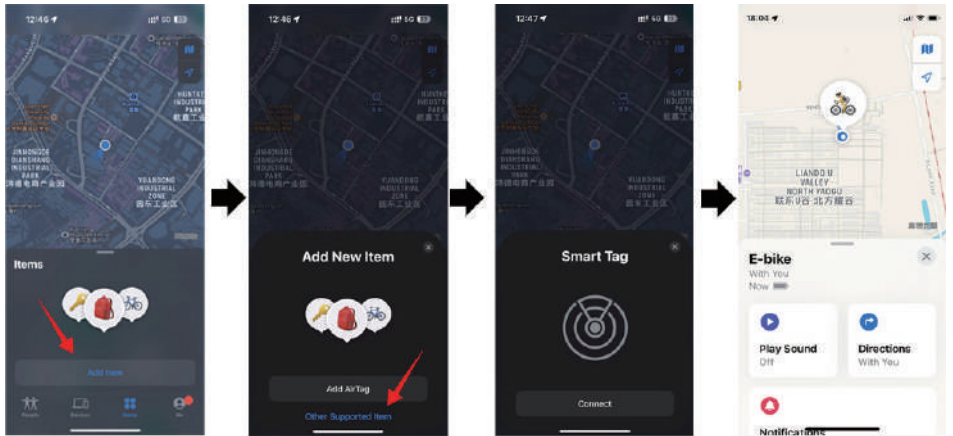
COMPONENTS INSTRUCTION AND MAINTENANCE

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.

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 Ibs. 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.

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.

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, including 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 accessories.
- 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.

Trouble Shooting

Error Code	Definition
21	Current Abnormality
22	Throttle Abnormality
23	Motor Phase Abnormality
24	Motor Hall Signal Abnormality
25	Brake Abnormality
26	Communication Abnormality