



SENADA BIKES

MAYOR

OWNER'S MANUAL

Welcome

Thank you for purchasing MAYOR from Senada Bikes.

Please read carefully and understand this manual fully before assembling and riding your bike.

If you have questions after reading this manual, please contact us by email.

We are here to help!

Email: contact@SenadaBikes.com

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Attentions

Battery and Charging: Charge at 0°C~45°C (32-113°F) , discharge at -20°C ~60°C (68-140°F), keep the battery dry. Do not put the battery in acidic or alkaline liquid. Avoid rain and keep away from fire, heat and high temperature environment. It is strictly forbidden to connect the positive and negative poles of the battery reversely. It is strictly forbidden to damage,disassemble the battery or cause short-circuit. Please use the specific original charger for charging, with charging time no more than 8 hours and the charging current no larger than 3A.When not in use for a long time, please store the battery in a cool and dry place, and charge the battery for 5 hours every month. The user must follow the manual instructions when charging, otherwise the consequences will be at his own risk. Pay attention to the battery type and applicable voltage that the charger can charge, and it is strictly forbidden to mix. When charging, it should be placed in a ventilated environment. It is strictly forbidden to charge in residential buildings, enclosed spaces, or under sunshine and in high temperature environments. When charging, plug in the battery first, then connect to power supply socket; after charge gets full, cut off the socket first, and then unplug the battery. When the green light is on, the power supply should be cut off in time, and it is

forbidden to connect the charger to the AC power supply for a long time without charging. During the charging process, if the indicator light is abnormal, there is a peculiar smell, or the charger casing is overheated, stop charging immediately, and repair or replace the charger. During the use and storage of the charger, pay attention to avoid foreign objects entering, especially water or other liquids, so as to avoid a short circuit inside the charger. The charger should not be carried with the bike as much as possible. If it is necessary to carry it, it should be placed in the toolbox after the shock absorption treatment is done. Do not disassemble or replace the accessories in the charger by yourself.

Ride: Do not use it until you read the instructions carefully and understand the performance of the product; do not lend it to people who can't manipulate the product for riding. Before riding the bicycle, check whether the brakes are working. When you brake, please activate the rear brake firstly, and then the front brake. Pay attention to the brake tightness. If the brake is too loose, use an Allen key to tighten it. Pay attention to increasing the braking distance when riding in rain or snow. Suitable age: Riding between 16 and 65 years old. Please be sure to wear a safety helmet when riding the ebike, follow the traffic rules, and do not drive on motorized lanes and roads with many pedestrians. Please check the tire pressure before riding. The recommended tire pressure is 35~45PSI. When riding on downhill and non-paved roads, make sure the speed do not exceed 15km/h (9.3mph). When using the motor,

please be careful not to hit it vigorously and keep the rotating shaft lubricated. It is not allowed to ride with more than the maximum load of the body (the maximum load is 100 KG, 220lbs) After use, the bike can not be parked in the building hall, evacuation stairs, safety exits, and must be parked correctly in accordance with

Liability statement: After riding, please store the bike in a place without sunlight and rain, not in a residential building; Regularly check the motor and brake; Regularly check bike's screw , especially those need to be tightened, and tighten them regularly. Recommended torque: (unit: kgf. cm) Steering handlebar screws 60-80, stem screws 175 ~ 200, seat cushion screws 175 ~ 200, wheel screws 320 ~ 450; The front and rear wheels of the ebike should align with the central axis of the front fork or frame; Regularly check if there is scratches, cracks or excessive wear in tires. The inner tube and valve should be perpendicular to the wheel hub and not crooked. Damaged or excessively worn tires need to be replaced immediately, please find a professional technician to replace your tires, if your tires accidentally puncture and leak, please contact a professional technician for repair or replacement.

Maintenance: The company reserves the right to modify and interpret the product models, specifications or related information mentioned in this manual;The functions of a specific model mentioned in this user manual are only applicable to that specific model;The product models, specifications or related information mentioned in this

user manual are subject to any modification or change without prior notice; Without the prior written permission of the company, the contents of this manual may not be copied, modified, reproduced, transmitted or published in any form. Please read this manual carefully before using the product, and operate in accordance with the manual, otherwise the company will not be responsible for product damage or personal and property damage caused by improper use or mistakes

General Info

Assembly and Fit

Correct assembly and fit are essential elements of ensuring your bicycling safety, performance, and comfort. Even if you have the experience, skill, and tools to complete these essential steps before your first ride, Senada Bikes recommends having a certified, reputable bike mechanic to check your work.

NOTICE: If you do not have the experience, skills, or tools to complete assembly and fit, Senada Bikes highly recommends having a certified, reputable bike mechanic complete these procedures as well as any future adjustments or tuning.

NOTICE: A critical aspect of assembling your bike by Senada Bikes is securing the front wheel and checking the tightness of the rear wheel axle nuts. These

mechanisms may become loose or unsecured during shipment or over time. The torque and security of all wheel mounting hardware should be inspected upon arrival and on a regular basis. Both wheels need to be properly secured before operating your bike.

Mandatory Equipment and Use Locations

Before all rides, ensure you have all required and recommended safety equipment and are following all laws pertaining to using an electric bike in your region.

Changing Components or Attaching Accessories

The use of non-original components or spare parts can jeopardize the safety of your ebike, void your warranty and, in some cases, cause your ebike to not conform with laws pertaining to your bike

Safety Check Before Each Ride

Always check the condition of your bike before you ride in addition to having regular maintenance performed. If you are unsure of how to conduct a complete check of the condition of your bike before every ride, you should consult a certified, reputable bike mechanic for assistance. See the Pre-Ride Safety Checklist for more information.

Electrical System

The electrical system on your ebike offers various levels of power assistance and

lighting for different operating conditions and user preferences. It is critical that you familiarize yourself with all aspects of your ebike's electrical system and check to see that it is working correctly before every ride. The front and rear brake levers contain safety power cutoff switches, which disable the hub motor's assistance when applied, and both levers should be checked for correct operation. The throttle should provide smooth acceleration when gradually applied. If the throttle, brake lever cutoff switches, pedal assistance, or lighting are functioning abnormally, intermittently, or not working, please discontinue using your ebike immediately and contact the Senada Bikes Product Support team for assistance.

Brakes

Ensure brakes are working correctly, all braking system components are free from damage, and properly secured. When you fully squeeze the brake levers, ensure neither the front nor rear brake levers touch the handlebar. Take your bike to a certified, reputable bike mechanic to have the brakes repaired if you find a problem.

Tires and wheels

Your wheels should always spin straight and must be repaired or replaced if they wobble side to side or up and down when spinning. If your wheels become untrue or spokes loosen, which can happen with normal use, we recommend that a certified, reputable bike mechanic performs all wheel tuning and truing operations on your bike from Senada Bikes. Do not attempt to

true wheels or tighten spokes unless you have adequate knowledge, tools, and experience. Ensure the tires and inner tubes are in good working condition without any visual damage and have the correct amount of air pressure. Always replace tires and inner tubes with punctures, cuts, or damage before you ride. Increase tire and component wear, and make riding your bike unsafe.

Quick Release Levers

Quick release levers are located on your ebike for securing the seatpost. This provides convenience to the user since they allow the seatpost to be adjusted without tools. Since quick release levers can be loosened during transportation, or accidentally between or during rides, it is important that you regularly check to ensure these components are properly secured.

Accessories, Straps, and Hardware

Ensure all hardware is secured and all approved accessories are properly attached per the specific component manufacturer's instructions. It is good practice to look over all hardware, straps, and accessories before each ride and if you do discover something is wrong or find something you are not sure about, have it checked by a certified, reputable bike mechanic.

Suspension, Handlebar, Grips, and Seat Adjustments

The suspension fork on your ebike will affect the handling of the bike , you need to understand how it works before use. The suspension fork should be properly adjusted for your weight and terrain. Ensure the handlebar and handlebar stem are properly aligned, fitted to the user, and secured to their recommended torque values. Handlebar grips should not move easily on the handlebar end. Loose, worn, or damaged handlebar grips should be replaced before you ride and can be purchased from Senada Bikes. The seat and saddle tube should be properly aligned, fitted to the user, and the saddle tube quick release should be properly tightened, fully closed, and secured before riding.

Battery Charged, Secured, and Unplugged

Ensure the battery is adequately charged and operating properly. The battery gauge on the LCD display and charge status indicator on the battery should read similarly. Ensure the battery charger is unplugged from the outlet, battery, then stored in a safe location before you ride.

Product function diagram



Function introduction:



Figure1



Figure2

1. Charging: Unscrew the plastic cover on the battery (**Figure 1**), connect the charger to start charging, when the battery is full and the indicator light of the charger changes from red to green, it means it is fully charged.

2. **Power display:** After the power is **turned on**, the dashboard lights up to display the power. The power is displayed in 5 grids, corresponding to high, medium and low power.

3. **Headlights:** Refer to **Figure 3**, press and hold to turn on/off the headlights.



5. **Start:** pedal assisted riding, short press to adjust to 1st gear after starting, pedal the bicycle sprocket, start the power assist. If you don't need power assistance, you can turn off the power or turn off the battery or set the meter to 0.

Product parameters

	Parameter	Standard Version
Outlook &Dimension	Body Material	Aluminum Alloy
	Color	Grey and White
	Unfolding Size	1920mm*710mm*1175mm
	Folding size	NO
	Hub Form	Spoke wheel
	Wheel Size	26 inches
	Packing Size	1580mm*380mm*940mm
Performance Parameters	Gross weight /Net weight	45/35kg
	Maximum Load	100kg(220lbs)
	Maximum Speed	≅45km/h(28mph)in US
	Range	≅50miles(electric mode) ≈70miles(pedal assist model)
	Maximum Climbing Angle	15degree
	Proper Temperature	-10°C-45 °C (14°F -113°F)
	Waterproof Level	IP54
	Battery Type	21700 lithium ion power battery
	Battery Capacity	20ah

Electrical Specifications	Battery Rated Voltage	48V
	Motor Rated Power	750W
	Motor Form	Assist mode,pure electric mode
	Motor Type	26inches / Brushless rear wheel drive hub motor
	Motor Rated No-Load Speed	28MPH
	Charger Output	54.6V3.0A
	Charger Input	
	Under voltage Protection Value	100-240V,50/60Hz , 2.5A 39V±0.5
	Over current Protection Value	25A±0.5
	Charging Time	6-7hours
Features	Instrument Display	Multifunctional LCD screen
	Front Lighting	YES
	Braking Method	Front disc brake + Rear disc brake
	Tire Specifications	Pneumatic tires
		Tire: 26×4.0 Air Valve: 26×4.0, the inner tube

		valve is AV
	Front Fork	Suspension front fork
	Gear	7 Speeds transmission

Remarks:The factors, including battery power capacity, load, tire pressure, road conditions, chain and lubrication between wheel and axle, etc.will affect the maximum speed; the cruising distance indicated in this manual file is the test result from the riding test conducted uninterruptedly with load of 80kg(50lbs), at the speed of12-28mile/h for US, and on the flat and hardened road surface, from full charge to full power consumption. Driving habits, temperature, load, tire pressure, road condition and other factors will affect the actual cruising distance.

Manual control instrument

1.Function description:



1. Display function

- Battery level indicator
- Assist level adjustment and indicator
- Speed indicator (including real-time speed, maximum speed (MAXS) and average speed (AVG))
- Error code indicator
- Cruise control indicator

Distance indicator (including ODO and trip distance (Trip))

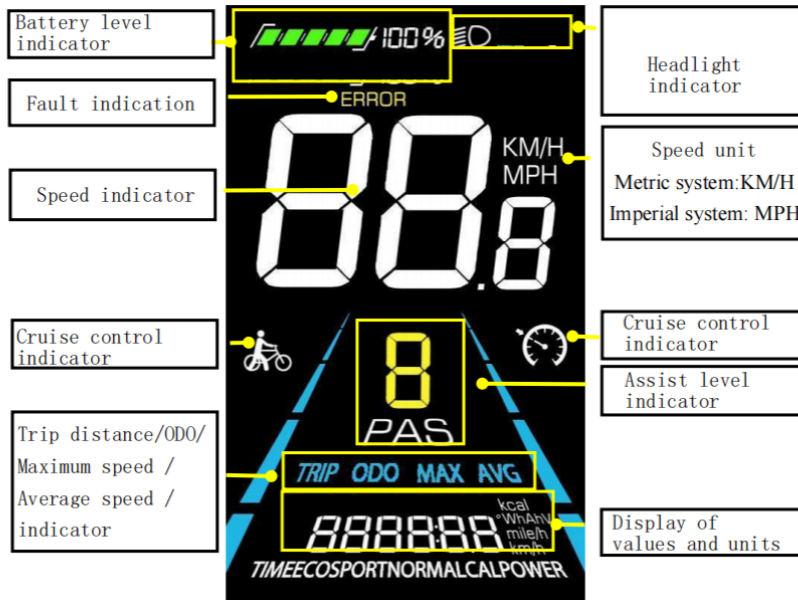
Walk boost mode control and indicator

Headlight control and indicator


2. Control set function

Power switch control, headlight switch control, 3.1mph push assist setting (WALK mode), 3 gear speed setting, 1st speed 14mph, 2nd speed 21mph, 3rd gear speed 28mph. Speed display

3. All contents of the display screen (full display within 1s after booting)



Display interface

After the display is turned on, the display will show the real-time speed and the trip distance by default. By pressing the button  , the information displayed will be switched between the trip distance , ODO, maximum speed and average speed .



Trip distance indicator



ODO indicator



Maximum speed indicator



Average speed indicator

7. Status display area **Error**

Instrument Status Code Meaning:

Status Code	State Meaning
E001	Controller Failure
E002	Communication Failure
E003	Hall Fault
E004	Handlebar Failure
E005	Brake Lever Failure
E006	Motor Phase Loss

Button introduction:


The specific combination of buttons is as follows




Use Introduction button operation is divided into short press and long press.
Specific operation explanation.



I、 Switch LCD




1. In the off state, press and hold the  button to turn it on;


2. In the power-on state, press and hold the  button to turn it off.

II、 Change the assist gear In power-on state

1. Short press the  button to turn it on, assist gear will be + 1.
2. Short press the  button to turn it on, assist gear will be -1.

III、 Set/release 5 Km/h (3.1mile/h)boost, cruise control, switch headlights

1. When the bike is stationary, press and hold the  button to enter the 5 KM/h (3.1mile/h) boost cruise mode. Press any brake to exit this mode.

2. Press and hold the  button to turn the headlights on or off.



Note:

1. Due to the upgrade of the company's products, the display content of the product you get may be different from the manual, but it will not affect your normal use. Everything is subject to the real object, and the company reserves the right of final interpretation.
2. The parameter settings of the instrument have been set at the factory. Please operate according to the instructions in the manual, and do not change the original settings of the instrument. The company is not responsible for any abnormal function or function damage caused by not following the instructions in the manual.
3. Do not immerse the instrument in water, or use a water jet to clean the

meter. When cleaning, wipe with a soft cloth dampened with water. Do not wipe with any cleaning agent.

4. Do not dispose of the instrument or any other E-bike accessories as resident waste. Please comply with local laws and regulations and dispose of or recycle E-bike accessories in an environmentally friendly manner.

