



foldX

User Manual

+alba-
meet the future

Welcome to the ALBA Family...

As the ALBA Team, we are passionate about providing you with the best-in-class riding experience. ALBA engineers have re-designed ALBA Fold X with meticulous attention to detail.

Our high-end manufacturing ensures a smooth and comfortable ride and an easy fold & carry capability. Please read this manual carefully and keep it for future reference.

Do not hesitate to contact our technical helpdesk on alba@alba-ebikes.co.uk or customer.service@alba-ebikes.co.uk with any queries.

Happy Riding,
ALBA Team

meet the future



a



b

c

Fold X Folded width : (a) 44 cm
 Fold X Folded length : (b) 88 cm
 Fold X Folded height : (c) 73 cm



Handlebar Height Max : (d) 121 cm
 Handlebar Height Min : (e) 110 cm
 Fold X Length : (h) 161 cm

Seat Height Min : (f) 78 cm
 Seat Height Max : (g) 92 cm
 Rear Rack Length : (i) 33 cm

ALBA FOLD X SETUP

ALBA Fold X comes ready-to-ride. Just remove the packaging, charge your battery and start riding.

To start riding ALBA Fold X, you only need to

- unfold the frame
 - adjust the handlebar,
 - adjust the seat
 - open up the pedals
- and you are ready to go.



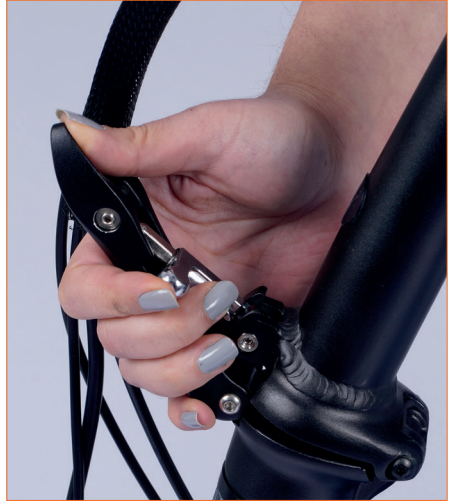
NOTICE

ALBA Fold X has been packaged following extensive safety and quality control checks. We still recommend that you check that the basic components are in place before every ride.

Our detailed maintenance / checklist is on Page-14.

2-2 UNFOLD THE HANDLEBAR

Unfold the folding mechanism of the ALBA FOLD X handlebar and tighten the latch.



2-3 SEAT HEIGHT ADJUSTMENT

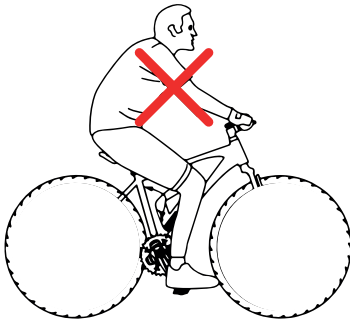
Adjust the seat by sliding the bar up/down to your preferred height and tighten the handle. You can adjust the tightness setting with the nut on the mechanism.



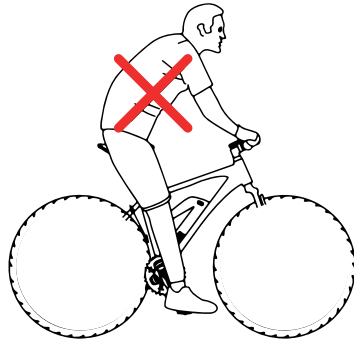
⚠ ATTENTION



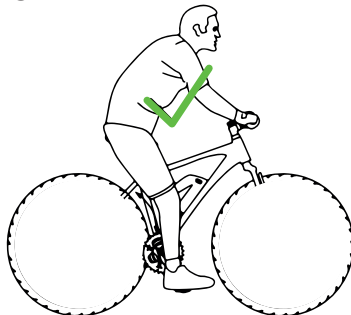
The numbers on the seat bar indicate the seat height. When adjusting the seat height, please do not select a level exceeding the maximum height. This may damage the frame or cause it to break, resulting in your warranty becoming void. You can lose control of your bike and this may lead to serious/fatal injuries.



TOO LOW

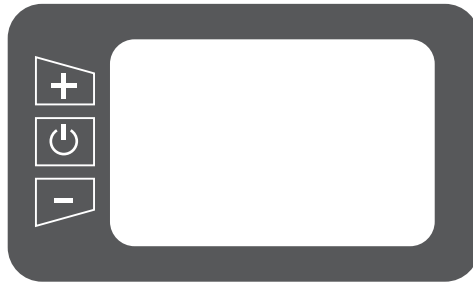


TOO HIGH



SUITABLE HEIGHT

KD218 COLOR LCD Display (Optional) Manual



Button Definitions

There are 3 keys as (⏻, +, -) on your LCD display. These keys represent the Mode, up and down movements, respectively.

Turn Electric Bike On / Off: Press and hold the ⏻ key for **5 seconds** to turn on / off the bike's electrical system.

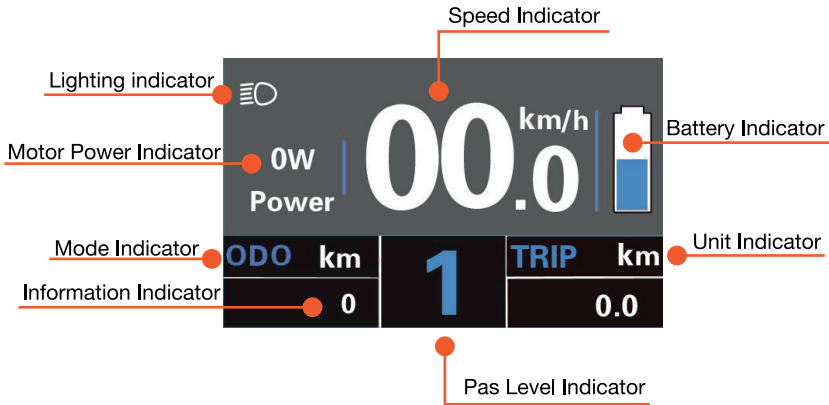
Walking Mode: Press and hold the (-) key to put the bike into walking mode. The bike will automatically move at a speed of **6 km/h**. Release the (-) key to turn off this mode.

ATTENTION

Push-assistance function may only be used when pushing the e-bike. There may be risk of injury when the wheels of the e-bike do not have full contact with the ground while using the push-assistance function.

Switching the Lights On / Off: To switch on the display backlight and headlight of the E-bike, hold the UP button for **2 seconds**. In the same way to hold the UP button for **2 seconds again**, the backlight and the headlight will be switched off.

Pedal Assistant Level (PAS) settings: The default power ranges from level “0” to level “5”. The output power is zero on Level “0”. Level “1” is the minimum power. Level “5” is the maximum power. When pedaling at this level, the engine will provide maximum support.



You can access more detailed information about LCD display settings and usage on alba-ebikes.co.uk

WARNING

The Advanced Settings under the Display Settings menu is protected by a password and is only accessible by our technical team for servicing purposes. Changing the advanced settings from the LCD display will cause the warranty for all electrical and electronic parts to be deemed void.

GENERAL INFORMATION ABOUT YOUR BATTERY

WARNING

Do not connect the (+) and (-) electrodes to each-other

Your battery is insulated and therefore resistant to rain. This means you can easily use your bicycle on rainy days. However, the battery case should be protected from exposure to excessive or pressurized water.

TIPS

Electrical energy is clean and environmentally friendly. However the used battery should be recycled properly at the end of its life. You can contact us for recycling.

Under ideal conditions, your battery can be charged approximately 1000 times. Over time and with use, its capacity will gradually decrease and you will eventually need to replace it.

CAUTION

Keep the battery away from direct sunlight, high temperatures and high humidity.

WARNING

Do not disassemble the battery. Once disassembled, warranty for batteries will be void.

TIPS

If you don't use your e-bike for a long time, please charge your battery for 1 hour at least every 2 months. Otherwise your battery may go under "deep discharge" and cannot be re-charged again. In this case, your battery warranty may be deemed void. For information on the proper and efficient use of Li-ion batteries, you can review the blog posts on our website.

Please only use the charger provided to you with our product when charging the battery. Even if they are the same voltage other types of charges are not fit or suitable to charge your battery. Please note that the warranty for your battery will be deemed void if a different charger is used.

CHARGING THE BATTERY

ALBA FOLD X is equipped with a Li-ion battery pack that powers the engine. Unlike other batteries, Li-ion batteries do not have a "memory effect" and can be re-charged even if they have not been completely discharged. The battery reaches its total capacity after it has been used and re-charged several times.



WARNING

Your charger may get hot during charging. This is normal.



Your battery needs to be charged when the "LOW" light on the battery level indicator lights up or when the empty battery icon flashes on the LCD displays. The battery can be charged both while it is on the bicycle or separately after removing it from the bicycle.

The charging port is located on the battery pack where indicated in red. Start charging by connecting one end of the charger to the charging port of the battery and the other to a 220V output. Charge until the red light on the charger turns green. When the red light turns green, charging is complete. After charging is complete, first remove the plug from the outlet, then remove the charger from the battery.

STARTING ALBA FOLD X

First, turn on your battery using the switch on the battery. Second, activate the electrical system of the bike through the display.

Select the desired "PAS" pedal assistant support level on the display.

Start moving by using the pedal or the throttle.

The maximum speed of the bicycle is limited to 24 km/h .

It is the user`s responsibility to use safety gear such as helmets, and complying with all traffic rules and relevant laws and regulations at all times when using the bicycle.

WHAT IS THE PEDAL ASSISTANCE SYSTEM?

Your bike is equipped with electric pedaling assistance. As soon as you start pedaling, the engine starts to help you pedal. PAS (Pedal Assistant System) located in the center of the pedal supports the cyclist by measuring the speed at which the pedal is turned.

When you do not turn the pedals, the motor stays still. When it starts, the power supplied by the engine increases, providing a flexible and easy drive.

What You Need to Know About the Pedal Assistant Sensor

When the pedal assistant is activated, starting the e-bike is different from starting a regular bicycle. Your take off will be easier so do not be surprised.

WARNING

Make sure you get enough practice before hitting the road.

We recommend using pedal assistant level 1 during take-offs. When the electrical assistance is disabled, the bike does not create any additional resistance.

So you can use the bike like a traditional non-electric bike. Pedaling support is limited to 24 km/h .

When pedaling at speeds over 24 km/h, the engine stops supporting, but with human power, speeds above 24 km/h can be reached.

PERIODIC MAINTENANCE TABLE

Before each use	Make sure the battery is charged
	Check the tyre pressure, Recommended pressure is 40-45 PSI.
	Test the brake systems, front and rear lights.
	Check the tension level of the spokes and make sure they are not loose.
	Make the lubricate periodically
	Check that the seat is adjusted tightly and comfortably
Monthly	Check your rear derailleur for gear shifting
	Check the brake and gear hoses
	Check the pressure and wear of the tyres
	Check wheelhub, headset and chainwheel for any looseness
	Check that the pedals and handlebar are tight
	Make the lubricate periodically
Bi-Monthly	Charge the the battery for 1 hour
Every six months	Repeat monthly maintenance
	Check brake pads or disc calipers, replace worn parts if necessary
	Check for chain, cassette, and chainring wear and replace worn parts as needed

Periodic Lubrication	Weekly : Chain, Derailleur
	Six Months : Crankset and Brake cables
	Annual : Pedals, Derailleur cables, bottom bracket, hub, headset

CAUTION

Your e bike comes with a locking mechanism that prevents unwanted folding, Make sure this locking mechanism is securely locked and tightened before every use. Adjust the tension if required.

TIPS

If you ride the bike frequently, it is recommended that you check the condition of the frame, fork, chain, suspension and fasteners annually. Materials and components of the bike are subject to wear and tear. If you have any questions or concerns about the condition and safety of your bike, contact us or the authorized sales point to proceed with the necessary investigation.

WARRANTY

Each ALBA FOLD X Electric Bicycle goes through detailed controls by the factory's quality control department. Your bike is under warranty for 2 years from the invoice date, and your Li-ion battery for 1 year in case of production-related problems.

Warranty is void under these conditions:

- All kinds of damages (scratches, fragments, bends, etc.) caused by the bicycle accidents and falling.
- Any damages resulting from non-compliance with the terms of use and / or warnings in this manual.
- Disassembly of the battery without informing the manufacturer.
- Problems that may occur from the motor or battery as a result of washing with pressurized water, motor moisture and water intake.
- Changing the advanced settings on the LCD display.
- Damages caused by exceeding the load limit. Consumables such as tyres, brake pads, brake discs, gaskets
- Damages caused by exceeding the load limit.
- Consumables such as tyres, brake pads, brake discs, gaskets are not under warranty.
- Malfunctions occurring on the main installation due to attaching additional installations and parts to the electrical equipment.

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The riding range of the bicycle depends on variables such as the weight of the rider, the length and the angle of slopes, driving speed, throttle handling behaviour and, even temperature. The stated range values are calculated based on averages.



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