

WALLKE

WALLKE

Wallkeebike.com

Operation
And
Maintenance
Manual



Thank you for purchasing Wallke ebike!

We take pride in bringing you a quality product that will offer years of enjoyment. Please read and understand this manual fully before assembling and riding your bike.

If you have questions after reading this manual, please contact us by email, or give us a call on the phone.

We are here to help!

🌐 **Wallke Ebike Website:** www.wallkeebike.com

✉ **Website Service Email:** sales@wallkeebike.com

✉ **Amazon Service Email:** info@wallkeebike.com

📞 **Phone:** 1-323-841-3459

Please attention that Wallke ebike have several sales channels now. Choose the right one to get connected! Email is preferred. Please send your purchase date and order ID so that we can handle your issue faster. Feel free to give us a call when needed.

Thanks for Riding Wallke Ebike!

Electric Bicycle **WALLKE X3 PRO**



26 inch Folding Fat Tire Electric Bike

Before using the e-bike, please read the attached operating instructions.
Carefully read the safety rules.



IMPORTANCE

Please read this owner's handbook carefully before using your WALLKE X3 Pro in order to become thoroughly familiar with the correct operation of your bike's controls, its features, capabilities, and limitations. This handbook includes safe riding tips, but does not contain any of the techniques and skills necessary to ride an electric bicycle safely.

This owner's handbook includes assembly and maintenance work which may need to be done at frequent intervals to maintain an operational and safe WALLKE X3 Pro. Never perform work on your WALLKE X3 Pro beyond instructions in this handbook. This handbook is not intended as a comprehensive use, service, repair or maintenance handbook. Do NOT ride your WALLKE X3 Pro if it has been assembled incorrectly. Maintenance beyond what the owner's handbook instructs is to be handled by an E-Bike specialist or professional cycle mechanic. Riding an incorrectly assembled bike can put your own safety at risk as well as others.

Notes:

1. After receiving the bike, please record its serial number (usually located on the head tube frame). You will need your serial number to honor the warranty. You can also use this serial number to file with the vehicle management center if the bike is stolen.
2. PLEASE RETAIN THE ORIGINAL BIKE BOX even if it has been damaged in shipping. If you return the bike without the original box, the cost of the box will be deducted from the refund.

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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, repairs 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, we want you 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.

ASSEMBLING YOUR NEW E-BIKE

As your purchased e-bike is unassembled, please follow these instructions to assemble your e-bike under the guidance of an adult or a qualified technician.

Assembly is quite easy as most of the parts are already assembled(85% assembled); you need only to put a few large pieces together to complete the job.

You may click the following link to view the demonstration of assembling the e-Bike

Wallke Ebike Assembly Instructions:

https://www.youtube.com/watch?v=byzYRy_aREQ&t=13s

How to install rear rack - Wallke eBike:

<https://www.youtube.com/watch?v=gWVLioNar5U>

How to install rear fender and rack (if not aligned):

<https://www.youtube.com/watch?v=LGF57VEpyBE>

Remarks: The link is subject to change without advance notice. For more information, please refer to this website: www.wallkeebike.com.

● Name Of Each Part





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.

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.

● Check That The Package Is Complete And Undamaged

What's in the Box

- ◆ eBike
 - ◆ Rear rack
 - ◆ Fenders
 - ◆ Battery and charger
 - ◆ 2 x keys for the battery
 - ◆ Integrated front light and tail light
 - ◆ User manual
 - ◆ 1 x set of pedals
 - ◆ Tool Kits
- ◆ Bike will come with CST or Chaoyang tires (CST Pictured)

If a component is deemed to be defective or damaged without user error we will issue a replacement part, please contact us immediately after shipment arrival. please submit photos to WALLKE directly by emailing us at sales@wallkeebike.com

ASSEMBLY

See separate assembly instructions and videos at YouTube channel:
Wallke Ebike



Wallke X3 Pro Installation Tutorial Six Steps:

- **Step 1: Fix The Handlebar On The Bicycle Riser With Riser Cover**



1. Release side stem bolts
Rotate 180 degree



2. Release the bolt



3. Install the handlebar



4. Tighten the screws

● 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.

Seat the axial stem properly within the receptacles at the tips of the fork.



1. Put the front fork into the front wheel



2. Install the washer and bolts

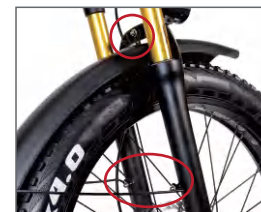
Test the brake by lifting the front of the e-bike and setting the wheel in motion (turn it) and apply the brake at the handlebar to stop it. If you could not set the wheel in free motion, or if you could not stop it by applying the brake, you need to re-adjust by increasing or decreasing the clearance.

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

● Step 3: Install the Front Fender



1. Find the three installing point



2. Install the screw



● Step 4: Install the Rear Fender and Rack



1. Find the three installation point in red circle



2. Tighten the bolts



1. Find the 4 installation point



2. Prepare the four bolts

3. Fix the rack firmly



4. Done

In rare instances, the rear rack received may be bent during transportation.

Please tried bending the rack, it will bend back to straight. In most case, we tried following the video, it will fix this issue. Here's a link of the video-how to adjust the rear rack(need adjustment):

<https://youtu.be/LGF57VEpyBE>.

● Step 5: Installing the Seat and Pedals

Insert the pedestal stem of the seat into the seat column of the main body frame, use the built-in lever to tighten.



1. Find the white bushing



2. Insert the bushing and seat post into the tube



3. Screw the bolt and tighten the lever

Attach a pedal on each side of the crank, tighten with the multi-wrench.
Inflate the tires to proper pressure.

No washer



Left pedal

Right pedal

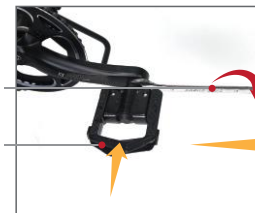
Counterclockwise rotation

Push inside



Clockwise rotation

Push inside



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 right 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.


● Step 6: Charging the Battery


Take out the charger from the box, attach the power cord and insert that to any wall outlet. Insert the plug at the end of the smaller cable into the charging terminal of the battery and start charging. The charging terminal is on the side of the battery opposite to a hole on the side of the frame. The LED on the charger glows RED while charging and glows GREEN when charging is complete. The battery should be turned OFF while being charged. When the LED on the charger turns Green, disconnect the charging cord and cover the charging terminal with the rubber cap. If a battery is installed on the e-bike, the display panel will show the electricity percentage of the battery when the bike turned ON. You are now ready to start using your e-bike!



OPERATING YOUR NEW E-BIKE






Powering Up Your eBike


To turn on the electric system and controller, press and hold the  button for 2 seconds.



To turn the system off, do the same. Press and hold the  button for 2 seconds. In addition, the system will turn itself off if the bike is still for 5 minutes. (This 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, you may want to follow these steps:

- 1) turn on the electric system and controller by holding the  button for two seconds.
- 2) If the bike is not showing mode , press the  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 , 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.


- ♦ The electric power system won't engage if the bike is already going faster than the mode  range (approximately 10 MPH /16 kph).

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

(Remember: mode  will turn off the electric drive. Setting mode  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.

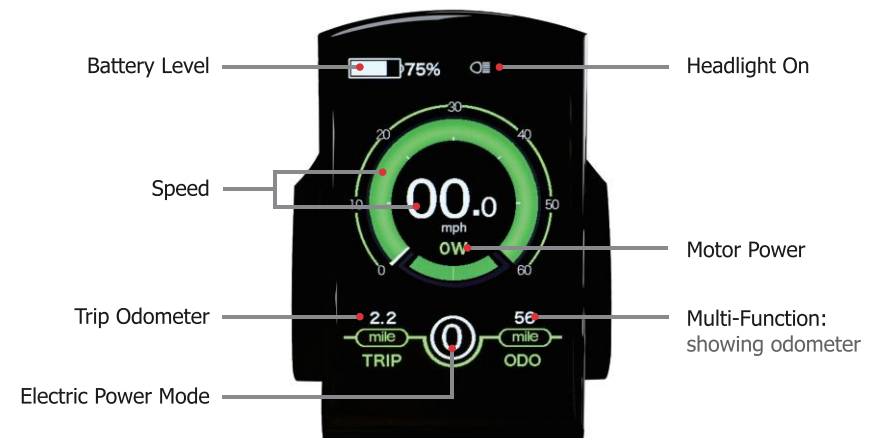
- ♦ You can select the best gear for your riding situation using the two buttons on the right handle bar.
(The best gear is the one that balances between having to push too hard and having to pedal so fast that you can't really push very much at all.)
- ♦ The gears will only change when you're pedaling 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 . (see Operating Modes)

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.

What the Display Shows

Your Wallke X3 Pro has a sophisticated color digital display.





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

♦ **Note:**

Speed is measured at the motor, and is sensed and displayed only when the motor is providing motive power.

Operating Modes

Modes ①-③ set the relative power (speed) level. Mode ④ 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 ③ will power the bike up near the maximum available speed for electric assist.

Change the mode to the desired level when riding using the ⊕ and ⊖ buttons on the handlebar control.

Trip Information

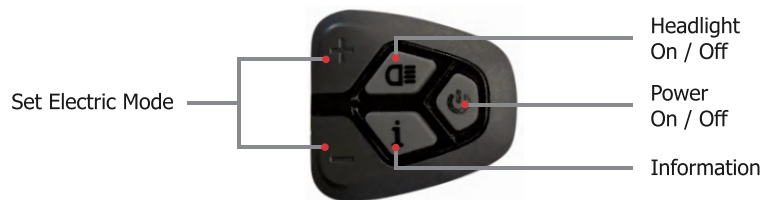
There are two displays for trip information: on the left is the trip odometer, showing distance from the last time it was reset; on the right is a multi-function display that can be cycled through several stats.

The multi-function side can show:

- ♦ ODO: total distance the bike has travelled
- ♦ MAX: maximum speed since trip odometer reset
- ♦ AVG: average speed since trip odometer reset
- ♦ TIME: time (in hours) since the bike was powered up

System Control

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



The ⊕ and ⊖ buttons set the electric power mode, and are also used in the settings panels.

The headlight button will switch the headlight on or off. (The system detects low light and will automatically switch on the headlight when needed.)

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

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

ADVANCED FEATURES

Cruise Control

Your Wallke X3 Pro has a cruise control capability. If enabled in Advanced Settings 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.

For safety reasons, and because cruise control is not permitted in all jurisdictions, the feature is not enabled in the bike's default configuration. To enable the option, see the section on Advanced Settings.

Password Protection for the Electric Drive

You can set a password in your electric drive system so it cannot be started by an unauthorized person. (However, the bike can still be driven by pedal without a password.)

Setting Your Password

Set your password in the Display Menu as follows:



- 1) Press and hold both the ⊕ and ⊖ buttons.
- 2) With DISPLAY SETTINGS highlighted, press the ⓘ button.
- 3) Use the ⊖ button to move down to Password.
- 4) Press the ⓘ button to select it.
- 5) Set each of the 4 digits using ⊕ or ⊖, and ⓘ to select it.

- ♦ **RECORD YOUR PASSWORD!** Personnel at Wallke cannot override or reset it. If it's lost, you may have to replace the display unit to get your bike back into full operation.



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  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.

Using the Headlight

The bike headlight can be operated by momentarily pressing the headlight button.

When the headlight is on, the display will be dimmed from the bright daytime level to a dimmer low-light level, and the headlight indicator will show on the display.

- ◆ If the bike is powered up in low light, or enters into an area of low light, the headlight will come on automatically.

USB Device Charging

Your Wallke X3 Pro has two USB charging ports.

The first is under the phone holder. Open the rubber cover to expose the port available to charge your phone.

The second is a dongle on a short wire behind the display.

Please do not use display charging port to supply power to your device, which is not conducive to normal work and detrimental to the health of the eBike. Our warranty does not include damage from power surges, use of an improper charger, improper maintenance, or other such misuses, normal wear, or water damage.

Accessing the Battery

The battery is located in the main frame tube at the hinge for folding. To access and remove the battery:

- ◆ Rotate the hinge lock safety upwards to disengage from the fold lock lever.
- ◆ Pull the fold lock lever and disengage it from the frame.
- ◆ Fold the bike at least 90° so the battery can clear the rear frame.
- ◆ Use the supplied key to unlock the battery.
- ◆ Using your key in the small slot, pry up the battery pull handle.
- ◆ Use the battery pull handle to slide the battery rearward.

Reverse the process to re-install the battery.

- ◆ **Important 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 eBike. 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. It also has a travel gauge so you can see the travel of the suspension after riding.

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.



Front Suspension Adjustment

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



Suspension Travel Gauge

The right fork has a travel gauge and an O-ring that records the maximum travel of the telescoping fork.

You can monitor this by pushing the O-ring to the bottom before riding, then reading the maximum travel from the gauge as indicated by the O-ring after riding. If it indicates travel past the 30% top of the gauge, you should turn up the stiffness and/or increase the air pressure in the suspension.



Suspension Travel Gauge and O-Ring Indicator

Adding Air to the Suspension

You can add air to the front suspension using the valve under the cap at the top of the left fork.

Unscrew the cap over the suspension air valve, then add air to the pneumatic suspension system.



Pneumatic Front Suspension Air Valve

- ◆ Before attempting to add air, be sure you have a source of highpressure air. The suspension needs pressures of at least 80 psi and as much as 100 psi. adding air is easiest with a screw-on filling hose.

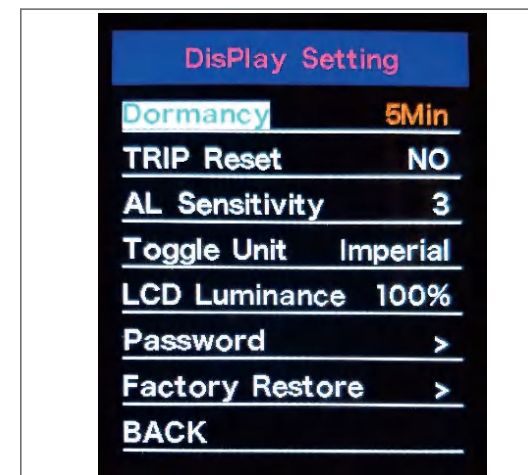
Display Settings

The display settings panel displays and can set the most common parameters you may need to change.

You can go to display settings by:

- ◆ Press and hold both the ⊕ and ⊖ buttons.
- ◆ With DISPLAY SETTINGS highlighted.
- ◆ Press the ① button to select.

Dormancy	Number of minutes of non-use before the bike system turns itself off
TRIP Reset	Used to reset the TRIP odometer
AL Sensitivity	Ambient light sensitivity controls how the display responds to low-light environments.
Toggle Unit	Set metric or imperial units
LCD Luminance	Display brightness
Password	To require a password before the bike will operate, set the password here
Factory Restore	Resets all parameters to factory defaults



Display Settings Panel

- ◆ **Note:** Factory Restore will reset all the values on both the Display panel and the Advanced panel.



Changing Display Settings

Use the ⊕ or ⊖ buttons to move the highlight up or down.

Use the ⓘ button to select the highlighted item.

Once the item is selected, use the ⊕ or ⊖ buttons to change the item's value. When the desired value is reached, press the ⓘ button to lock in the value.

Select BACK to return to the higher menu or the main display.

Advanced Settings

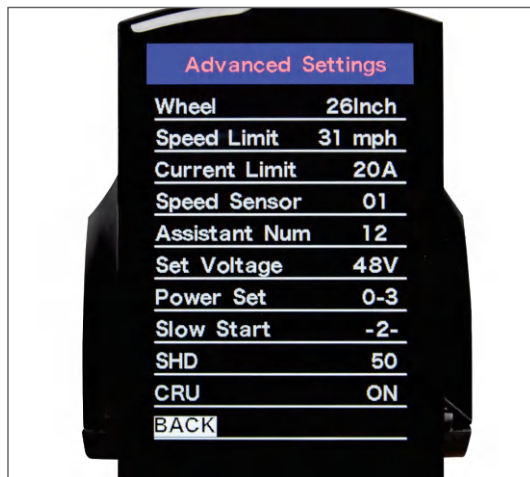
The advanced settings panel contains factory setting not usually adjusted by riders. Use care and good judgement if you decide to change them.

You can go to advanced settings by:

- ◆ Press and hold both the ⊕ and ⊖ buttons.
- ◆ Press ⊖ to highlight ADVANCED SETTINGS.
- ◆ Select by pressing the ⓘ button.

This will bring the advanced setting up in display-only mode.

To change the settings, see “Changing Advanced Settings” at the end of this section.



Advanced Settings Panel

Wheel	Size of drive wheel (including tire)
Speed Limit	Maximum speed supported
Current Limit	Maximum current allowed by the controller (this protects the motor and controller – changing this value can significantly reduce the life of both)
Speed Sensor	Number of magnets in the speed sensor
Assistant Num	Sensitivity of the assist systems
Set Voltage	Controls how the battery charge display interprets the voltage levels of the battery
Power Set	Number of modes available (sub-menu defines each mode's max power %)
Slow Start	Delay before motor begins to assist
SHD	Must be 0% to protect the controller
CRU	Cruise control ON/OFF

- ◆ **Note:** Some of the advanced settings configure the controller and display for the exact hardware of the bike. Changing these settings can cause the bike to malfunction, or could potentially damage certain components. Changing these settings is unlikely to improve the bike.

Wheel

This sets the size of the wheel for the purpose of calculating speed from wheel rotations. With the 4" fat tire, the 26" wheel behaves like a 28" wheel on this bike.

Set Voltage

Sets the behavior of the battery monitor as it translates battery voltage into the battery charge and percentage indicator on the display. Changing this from the factory settings will usually make the battery charge display less accurate.

Power Set

Changing your Power Set from the default 0-3 to 0-5 will give you more speed ranges to choose from when riding. As part of changing to a new power set, you can also change the percentage of total available power that drives each mode. These setting will control the approximate speed at the upper limit of each mode.

Other eBikes may come with different configurations, and you may decide to customize your Power Set for better compatibility with those of other riders, or to give you finer control of the speeds of the Power Set (modes and speed points) on your bike.



CRU

This enables or disables the cruise control feature. Cruise control is disabled (OFF) by default.

Recommended Programming

To provide a larger number of defined speed / power ranges, you may choose to take advantage of the controller's programmability to create a more versatile Power Set.

To do so, change the Power Set to 0-5. After you select this with the ⓘ button, a small menu will appear where you set the power levels of each mode from ⓘ – ⓘ . Enter the following power levels, using ⊕ and ⊖ to change each value, and then the ⓘ button to lock in the value.

- ◆ 1 – 40%
- ◆ 2 – 50%
- ◆ 3 – 67%
- ◆ 4 – 85%
- ◆ 5 – 96%

These setting will deliver a wider range of speeds, including a lower speed for mode ⓘ .

Changing Advanced Settings

To change advanced settings, use this method to enter the Advanced Settings panel:

- ◆ Press and hold both ⊕ and ⊖ and ⏻ buttons.
- ◆ OK will briefly appear in the lower right of the display.
- ◆ Press and hold both the ⊕ and ⊖ buttons.
- ◆ Press ⊖ to highlight ADVANCED SETTINGS.
- ◆ Select by pressing the ⓘ button.
- ◆ Now the settings can be selected and changed.

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.
- ◆ If the battery will not be used for an extended period of time, charge it fully and recharge it every 3 months. Store it in a cool place.
- ◆ 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.

● For The Battery, You Should Also Take Note Of The Following:

Every 1 to 2 months, it is recommended that you check the following:

- ◆ 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.

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.



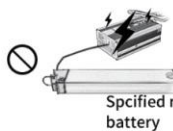
BATTERY SAFETY

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

CAUTION

- Do not throw the battery into a fire. Do not overheat the battery.
- Do not connect the battery to other appliances other than your battery.
- Use only the specified charger to charge the battery.



Specified rechargeable battery

- Do not take apart or modify the battery.



Disassembly Prohibited

- Do not connect positive and negative terminals by using metallic objects.



(Electrolyte leakage, overheating and/or rupture may result in this type of abuse.)

Battery Charger

CAUTION

- Do not take apart or modify the charger

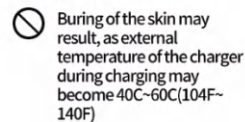


Disassembly Prohibited

- Do not subject the charger to shocks, e.g. by dropping. Keep the charger away from water

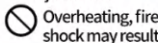


- Do not touch the charger with your skin for long periods during charging



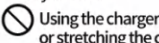
Overheating, fire or electric shock may result

- Do not cover the charger or place objects on it



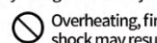
Overheating, fire or electric shock may result

- Place the charger firmly on a flat dry surface



Using the charger upside-down or stretching the cable tight may result in malfunction, fire or electric shock

- Do not short-circuit the terminals by using metallic objects



Overheating, fire or electric shock may result

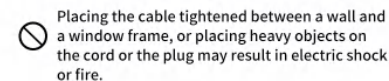
WARNING

- Keep the battery away from water. Pouring water on the battery may result in short-circuit, overheating or permanent damage of the battery.

- Do not submerge the battery. Soaking the battery in water may cause irreparable damage.

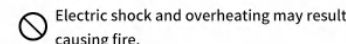
WARNING

- Do not apply pressure to the cable or the plug.



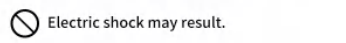
Placing the cable tightened between a wall and a window frame, or placing heavy objects on the cord or the plug may result in electric shock or fire.

- Be sure to insert the plug securely into a wall socket.



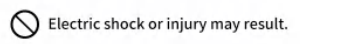
Electric shock and overheating may result, causing fire.

- Do not touch the plug with wet hands.



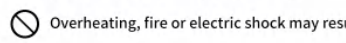
Electric shock may result.

- Keep out of reach of children or pets.



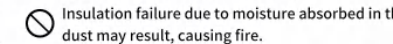
Electric shock or injury may result.

- Do not attempt to use another maker or model's charger to charge the battery.



Overheating, fire or electric shock may result.

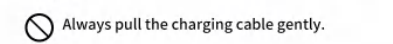
- Do not use the charging plug and/or the power source Plug when they are dirty, wet or dusty.



Insulation failure due to moisture absorbed in the dust may result, causing fire.

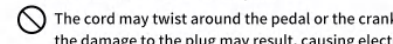
Pull out the power source plug and clean it with a dry cloth.

- To remove a cable from a socket, pull the plug, not the cable.



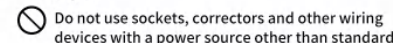
Always pull the charging cable gently.

- 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 shock or fire.

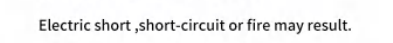
- Do not apply voltage over the rated value to the charger.



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.

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

Charge the battery and use the bike at least once every 90 days.



WALLKE X3 PRO SPECIFICATIONS

Our bikes have a number of different traits, so it might not be possible to get every single attribute you want in the same model. Please find the specifications of our Wallke X3 Pro as listed below.

Battery	48V 14AH lithium battery
Motor	48V 750W brushless motor
Top Speed	Up to 28MPH
Charging time	5-7 hours
Charger	US standard 48V 2A 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	26 inch aluminum alloy foldable frame
Display	High brightness color display (with USB rechargeable)
Freewheel	Shimano 8 speed cassette
Fork	26-inch alloy pneumatic shock absorption, adjustable and locked suspension fork
Brake	Double-disc hydraulic brake
Transmission	Shimano 8 speed
Seat	Silicone seat
Tire	26*4.0 inch CST tires for mountain, snow, rain or muddy road
Pedal Sensor	Cadence Sensor
Fender	Included
Rack	Included
Front LED Light	Included
Maximum payload weight limit	280-300lbs
Recommend rider heights	5'6" - 6'5"
Bike Weight (Without battery)	73 lbs (67 lbs)
Climb Grade	30 degree

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	Solutions
It doesn't work	<ol style="list-style-type: none"> 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 	<ol style="list-style-type: none"> 1. Charge the battery 2. Clean and repair display connectors 3. Install battery correctly 4. Disengage brakes
Irregular acceleration and/or reduced top speed	<ol style="list-style-type: none"> 1. Insufficient battery power 2. Loose or damaged throttle 	<ol style="list-style-type: none"> 1. Charge or replace battery 2. Replace throttle
When powered on, the motor does not respond	<ol style="list-style-type: none"> 1. Loose wiring 2. Loose or damaged throttle 3. Loose or damaged motor plug wire 4. Damaged motor 5. The bike will report a error code 	<ol style="list-style-type: none"> 1. Repair or reconnect 2. Tighten or replace 3. Secure or replace 4. Repair or replace
Reduced range	<ol style="list-style-type: none"> 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 	<ol style="list-style-type: none"> 1. Adjust tire pressure 2. Check connections or charge battery 3. Assist with pedals or adjust route 4. Replace the battery 5. Adjust the brakes
The battery wont charge	<ol style="list-style-type: none"> 1. Charger not well connected 2. Charger damaged 3. Battery damaged 4. Wiring damaged 	<ol style="list-style-type: none"> 1. Adjust the connections 2. Repair or replace 3. Battery Voltage Testing
Wheel or motor makes strange noises	<ol style="list-style-type: none"> 1.Damaged motor bearings 2. Damaged wheel spokes or rim 3. Damaged motor wiring 4. Disc not centered 	<ol style="list-style-type: none"> 1. Replace 2. Repair or replace 3. Repair or replace motor 4. Adjust the brake or replacea
Sensor Issue	<ol style="list-style-type: none"> 1. Sensor loose 2. Sensor or cable broken damaged 	<ol style="list-style-type: none"> 1. Adjust the connections 2. Repair or Replace
Pre-load and turn off bike suddenly	<ol style="list-style-type: none"> 1. Battery or motor over heat protection 2. Battery or controller cable loose 3. Battery or controller cable damaged 	<ol style="list-style-type: none"> 1. wait 1-3 minutes to restart e-bike 2. Adjust the connections 3. 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:

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.

Wallke E-Bike Warranty

Every Wallke 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 Wallke?

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 (eg. 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.

Notes:

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:

- ◆ 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.
- ◆ Irresistible natural disasters.



Shipping Damage Claims

IMMEDIATELY inspect your product(s) for damage. Shipping damage must be reported to Wallke Ebikes within 7 days of shipment arrival. we will not accept Shipping Damage Claims later than 7 days 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 include your order number and eBike serial numbers.

eBike serial numbers: Each bike has a serial number stamped on the frame.

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

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


Please attention that Wallke 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 all.

Choose the right one to get connected! Or could not get the answers! If you've already submitted an inquiry, be assured that we are working diligently to respond (within 24 hours).

 **Wallke Ebike Website:** www.wallkeebike.com

 **Website Service Email:** sales@wallkeebike.com

 **Amazon Service Email:** info@wallkeebike.com

 **Phone:** 1-323-841-3459

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

TEST-RIDES

Our Los Angeles Pop-Up is now open!

We are located at 823 W Milford St, Glendale, CA 91203

Call us to make a test-ride appointment today! 323-487-1984

Wallke LA showroom website: <http://www.wallkela.com/>



Wallke eBike Test-ride Center

Would like to test ride one of Wallke ebikes?

We are located at 1280 boulevard way unit 105, Walnut Creek, CA 94595

Call us to make a test-ride appointment today! (510) 672 0308

Website: www.electricbikerepair.us

Wallke are trying to built relationships with brick-and-mortar and online bike shops. Hopefully as the business s we can have a chance to showcase Wallke eBike products to you. More test-ride locations will bring to you in 2022.