

Step-Thru Electric Bike

# **Model X**

# **MANUAL**

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# Model X MANUAL

An American Company  
BASED OUT OF HOUSTON, TEXAS.

OUR MISSION: TO DESIGN EBIKES THAT ARE SO COMFORTABLE AND INNOVATIVE THAT THEY BECOME YOUR PRIMARY COMMUTING OPTION AND TO TREAT EVERY CUSTOMER LIKE THEY ARE THE FIRST CUSTOMER WE'VE EVER HAD.

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## Disclaimer:

The specifications, information and performance of Euphree electric bicycles (ebikes) featured in this manual may change without notice. It is the sole responsibility of the buyer and/or the rider to determine safety of use and to check the ebike before each and every use. Any liability which may be incurred as a result of the use of the Euphree City Robin is limited to the cost of repairing or replacing the failed component at the discretion of Euphree, and does not extend to any loss or damage which may be caused by misuse or failure of the product. Any and all damages to the ebike, components, property or persons is the sole responsibility of the buyer and/or rider. By using this product, you are stating that you have read the disclaimer and this owner's manual in entirety and agree to hold Euphree, its owner/s and any Euphree employees or contractors free from all liabilities, that you agree you are operating the product at your own risk, and that no warranties or guarantees are made by Euphree, expressed or implied, on performance or operation. Because it is impossible to anticipate every situation or condition that can occur while assembling, operating, or riding an ebike, this manual makes no representation about the safe use of bicycles under all conditions. There are risks associated with the use of any bicycle which cannot be predicted or avoided and are the sole responsibility of the rider. Keep this manual and any documents that were included with your ebike for future reference.

All content in this manual is subject to change without notice. Euphree makes every effort to ensure accuracy and assumes no responsibility or liability if any errors or inaccuracies appear within.

### General warnings:

Bicycling, including ebike operation and riding, involves risk of damage, injury and/or death. Risks are increased when operating a bicycle in urban environments. By choosing to ride and operate an ebike, the user assumes responsibility for any and all risks associated with bicycle riding. All users must know, understand and practice safe and responsible ebike riding practices and procedures. To reduce risk of damage, injury and/or death, proper use and maintenance is essential. Incorrect assembly, maintenance, or use of your ebike can cause component or performance failure, loss of control, accidents, serious injury or death. All riders regardless of experience level must read and understand the Owner's Manual and any documentation provided for accessories and components before riding. Your insurance may not provide coverage for accidents involving the use of this bicycle. Contact your insurance company or agent to determine if coverage is provided.

### Intended use:

Euphree City Robin is an electric bicycle designed for commuting or simple riding in fair weather and only at safe and appropriate speeds in urban and suburban environments. The City Robin is intended for use on paved roads or surfaces only. Inappropriate use will invalidate your warranty. Using your City Robin in the wrong manner may impact the lifetime of the product and can be dangerous, can result in damage to the ebike, to property, injury, and death. The City Robin is not a mountain ebike or racing ebike. Riders must not perform jumping, stunts, wheelies and/or ebike tricks while riding this electric ebike. Putting undue or unnecessary stress on ebike parts, components, frame, brakes, handlebars, stem, or forks can cause components and/or ebike to fail, causing damage to the ebike, damage to property, loss of control, accidents, serious injury and/or death.

The Euphree City Robin is intended for use by physically competent riders. Consult your doctor before riding or operating an electric bicycle. Do not ride or operate this ebike if you are an inexperienced ebike rider. The City Robin is designed for use only by persons of age 18 and older. Riders must have the mental capacity, reaction time and physical condition to manage sudden situations associated with bicycle riding and operating a bicycle or vehicle in urban environments. If you have an impairment or disability such as a visual impairment, hearing impairment, cognitive impairment, language impairment or physical impairment, or a seizure disorder, or any other physical or mental condition that could impact your ability to safely operate a bicycle or a vehicle, consult your physician before riding or operating any ebike.

### Using this manual:

This manual contains important details of the product, components and equipment, and information and tips on operation and maintenance. This manual contains many warnings and cautions concerning safe operation and consequences if proper setup, operation and maintenance are not performed. Carefully review all information in this manual and immediately contact Euphree if you have any questions.

The note **"WARNING"** within this manual should be given special care. Users should also pay careful attention to information in this manual that begins with NOTICE.

Keep this manual along with any other documents that were included with your ebike for future reference. All content in this manual is subject to change or withdrawal without notice. Assembly and first adjustment of your ebike from Euphree requires special tools and skills. It is recommended that assembly and first adjustment be completed by a certified, reputable ebike mechanic unless you are mechanically inclined.

### General information:

Euphree recommends having a certified, reputable ebike mechanic to assemble your ebike. If you are not sure you have the experience, skills, and tools to correctly perform all assembly steps, consult a certified reputable bicycle mechanic. Even if you have the experience, skill, and tools to complete assembly, Euphree recommends that a certified, reputable ebike mechanic completes and/or checks your assembly before your first ride. We recommend that a certified, reputable ebike mechanic complete future adjustments, maintenance or tuning. The cables, spokes and chain will stretch and bolted connections can loosen after an initial 50-100 miles (80-160 km) (depending on riding conditions such as total weight, terrain, riding style). Regular inspections by a certified, reputable ebike mechanic are important for ensuring the safety of your ebike.

Be sure to follow all laws for using an electric ebike in your region. These laws may limit where you can ride your ebike and may specify mandatory equipment and use of hand signaling when riding. Changing components or attaching accessories: The use of non-original components, spare parts, or accessories can jeopardize your safety, the safety of your ebike and can void your warranty. Replacing original components or installation for third-party accessories or accessories from Euphree not explicitly recommended for your ebike model is at your own risk. Using aftermarket components or accessories may void your warranty. Using aftermarket components or accessories may create unsafe riding conditions, damage to property or to your ebike, or result in serious injury and/or death. Safety check before each ride: Inspect your ebike prior to every use. Failure to thoroughly inspect could result in serious injury or even death. If you are unsure of how to conduct a complete check of the condition of your ebike before every ride, consult a certified, reputable ebike mechanic.

### Electrical system:

In addition to a complete safety check, it is critical that you familiarize yourself with all aspects of your ebike's electrical system and check for proper operation before every ride. The front and rear brake levers contain safety power cutoff switches. When the brake levers are applied, the hub's motor assistance is disabled. Both levers should be checked for correct operation before every ride. The throttle should provide smooth acceleration when gradually applied. If the throttle, brake lever cutoff switches, pedal assistance or lighting are functioning abnormally or not working, immediately discontinue use of your ebike and contact Euphree for assistance. Before every ride, ensure the battery is adequately charged and operating properly. Ensure that the battery charger is unplugged from the outlet and battery, and make sure to store the charger in a safe location before riding. The battery MUST be locked onto the frame battery mount correctly before use. Do not operate the electrical system if the battery is removed.

**Accessories and hardware:**

Before every ride, ensure all hardware is secured and approved accessories are properly attached per manufacturer's instructions. If you do discover something you are unsure about, have it checked by a certified, reputable ebike mechanic.

**Tires and wheels:**

Your wheels should always spin straight and must be repaired or replaced if they wobble when spinning. If you notice a side-to-side wobble or up-and-down wobble, or if your wheels become untrue or spokes loosen (which can happen with normal use), we recommend a certified, reputable ebike mechanic to perform all wheel tuning operations. Do not attempt to true wheels or tighten spokes unless you have adequate knowledge, tools and experience. Even if you have adequate knowledge, tools and experience, we recommend that a certified, reputable ebike mechanic check your work. Before every ride, always ensure the tires and inner tubes have the correct amount of air pressure and are in good working condition without any visual damage.

Always replace tires and inner tubes with punctures, cuts or damage before you ride. Tires without the correct amount of air pressure can increase tire and component wear and make unsafe riding conditions.

**Suspension, handlebar, grips and seat adjustments:**

The suspension fork on your ebike will affect your ebike's handling and should be properly adjusted for your weight and terrain. Ensure the handlebar and handlebar stem are properly aligned, secured to recommended torque values and fitted to the user. Loose, worn or damaged handlebar grips should be replaced before you ride. The seat and seatpost should be properly aligned and fitted to the user with seatpost quick release properly tightened, fully closed and safety secured before riding. Any major or minor impact to your City Robin can compromise the integrity of the frame, electronics and components. If your City Robin has experienced an impact, do not ride your ebike until it has been inspected by a certified, reputable ebike mechanic.

Hydraulic braking systems must be "bedded in" upon first use. When fully squeezing the brake levers, ensure that neither the front nor the back brake lever touches the handlebar.

The City Robin has been designed with a maximum weight limit of 286 lbs (130 kg) for total payload (rider, clothing, luggage, ebike accessories, cargo). Exceeding the weight limit will void all warranties and may result in unsafe operating conditions, damage to ebike or property, injury and/or death. To reduce the risk of damage to your ebike and injury to yourself and/or others, keep children away from the ebike and under close supervision when the product is in use near children. Safeguard against corrosion and rust.

Your ebike has electric components. Damage to the electrical system caused in any manner, including water damage, can lead to electrical system malfunction, failure of battery, or electrical fire and consequent injury, property damage or death.

Minimize the chance of water damage by following all recommendations.

- Store ebike in an upright position and under shelter. Do not leave the ebike in the rain. Do not leave the ebike exposed to corrosive substances. Corrosive substances can include water, salt, or de-icing substances. If your ebike is exposed to rain or other weather elements, dry your ebike immediately afterward and apply anti-rust treatment to the chain
- Before cleaning your ebike, turn off the ebike and turn off the battery. Wipe the frame with a clean, damp cloth. If needed, a mild mixture of non-corrosive detergent can be used with a damp cloth to wipe the frame of your ebike. Dry by wiping with a clean, dry cloth. Do not use high-pressure water on your ebike. Do frequently wipe down your ebike.
- Do frequently spray unpainted mechanical parts with anti-rust treatment.
- Use touch up paint or nail polish on scratched or chipped painted metal surfaces to minimize rusting.
- Never submerge ebike or components in water or liquid. Immersion in any liquid can damage the electrical system.

Damage from corrosion is not covered under warranty. Avoid exposing your ebike to corrosive substances. Avoid riding on the beach, in environments with high-salinity, fog, or on surfaces treated with de-icing compounds such as salt. Riding in these conditions exposes your ebike to corrosive substances. Corrosion of electrical components can lead to irreversible damage that can cause electrical system malfunction, failure of battery, or electrical fire.

# HOW TO

## ASSEMBLE YOUR CITY ROBIN X

### NOTICE:

THE FOLLOWING STEPS ARE ONLY A GENERAL GUIDE TO ASSIST IN THE ASSEMBLY OF YOUR EBIKE. THIS MANUAL IS NOT A COMPLETE NOR COMPREHENSIVE MANUAL OF ALL ASPECTS OF ASSEMBLY, MAINTENANCE AND REPAIR. CONSULT A CERTIFIED, REPUTABLE EBIKE MECHANIC TO ASSIST WITH ASSEMBLY,

## City Robin Model X *ebike manual*

### The City Robin X includes the following



- Ebike
- Pedals (2)
- Charger
- Front wheel
- Front wheel skewer
- Front wheel fender
- Seat post
- Saddle

#### Open the ebike box

Components included in shipment, if there are any missing parts, please contact Euphree

**Step 2:**  
**Install the handlebar onto the stem**

- Loosen the stem cap and clamp bolts
- Rotate the forks 180 degrees to face forward
- Unbolt the stem clamp and place the handlebars on the stem
- Tighten the handlebars once they are at the proper angle

**Step 3:**  
**Install the front wheel**

- Insert the front wheel skewer through the ebike front wheel. Lightly tighten the skewer cap on the front wheel. There should be plenty of space on both sides for the forks to slide into the front wheel.
- Make sure the quick connection is on the same side as the brake disk. □ Lift the front forks and position the front wheel into place.
- Tighten the skewer into a locked position.

**WARNING:** The Skewer must be locked very tight to ensure safe riding.

**WARNING:** Never touch the brake rotor, especially when the wheel and/or ebike is in motion, or serious injury could occur. Do not touch the brake rotor while inspecting, opening, or closing the quick release lever. Hand oils can cause squeaking and decrease brake performance.

**WARNING:** An improperly secured front wheel and/or handlebar stem can cause loss of control, accidents, serious injury or death.

**Step 4:**  
**Perform a handlebar twist to ensure the handlebar stem is secure.**

1. Brace the front wheel. Stand at the front of the ebike, facing the handlebar, and brace the front wheel between your feet and lower legs.
2. Attempt to twist the handlebar. Hold both handlebar grips and push forward with one hand while pulling back with the other. Push and pull at the same time with about 20 lb of force with each hand.
3. Check that the handlebar and wheel stay properly aligned. The handlebar and handlebar stem should be tightly secured perpendicular to the front wheel.
4. Repeat the twist test with opposite hands.
5. If needed, align the handlebar and stem and torque the stem clamp bolts evenly to the specification for the handlebar stem clamp bolts listed in the Recommended Torque values table below. After making any adjustments, perform the twist test again. If the handlebar still moves, contact Euphree or consult a local, certified ebike mechanic.

**WARNING:** If you are not sure you have the experience, skills, ability and tools to secure and verify security and safety of the handlebar, front and rear wheels, and handlebar stem, you must consult a certified, reputable ebike mechanic. An improperly secured wheel or handlebar stem can cause loss of control, serious injury or death. Check that wheels and handlebar stem are secured and safe to operate before each ride.

**Step 5:  
Install the pedals**

- The pedals have a small A (right pedal - drive side) or B (left pedal - non drive side) on the front.
- Place each pedal on the corresponding crank.
- Pedals are left handed threads.

**Warning:** Pedals should easily screw into cranks. If they don't then you have the wrong pedal. Do not strip the crank threads.

**Step 6:  
Install the front fender and headlight**

- Unscrew the bolt on the front fork
- Screw in the front headlight and fender with the same bolt onto the front fork
- Screw in the side fender arms on the bolt connection on the front forks

**Step 7:  
Inflate the tires**

- Inflate tires to the appropriate PSI marked on the side of the tire

**Step 8:  
Set the desired seat height**

- Place a small amount of grease on the seat post and place into the seat tube
- Do not place the seat post above the required minimum height marked on the seat post.

**Step 9:  
Make sure that all hardware is tightened properly following recommended torque values.**

Hardware Location	Hardware	Torque required(Nm)
Handlebar area	Handlebar stem clamp bolts	10
Handlebar area	Stem faceplate bolts	6
Handlebar area	Brake lever clamp bolt	6
Handlebar area	Shifter clamp screw	6
Handlebar area	Angle adjustment bolt	18
Brakes	Caliper adapter to frame	6-8
Brakes	Caliper to adapter	6-8
Brakes	Brake cable to caliper clamp	6-8
Handlebar area	Handlebar stem clamp bolts	10
Handlebar area	Stem faceplate bolts	6
Handlebar area	Brake lever clamp bolt	6
Brakes	Disc brake rotor to hub	7
Seatpost area	Seat angle adjustment bolt	20
Rear dropout area	Rear axle nuts	40
Rear dropout area	Rear torque arm bolts	5
Rear dropout area	Derailleur hanger mounting bolt	6
Rear dropout area	Derailleur mounting bolt	10
Rear dropout area	Derailleur cable pinch bolt	6-8
Rear dropout area	Kickstand mounting bolts	8
Bottom bracket & crank area	Bottom bracket and lockring	60
Bottom bracket & crank area	Crank arm bolt into bottom bracket spindle	35
Bottom bracket & crank area	Pedal into crank arm	35
Bottom bracket & crank area	Chainring bolts	10
Bottom bracket & crank area	Controller mounting bolts	6
Fenders	All fender mounting bolts and hardware	6



**WARNING:** Ensure that all hardware is properly tightened, all components are secured, and perform all safety checks before your first ride. Failure to properly assemble your bike can cause damage to property, serious injury and/or death. Check that all components including handlebar stem, seatpost or seat saddle DO NOT extend beyond any minimum insertion marking etched in components.

**WARNING:** Both wheels must be properly secured before operating your bike. It is critical to check the tightness of the rear wheel axle nuts, as mechanisms and components may become loose during shipment or over time. Upon arrival and on a regular basis, you should inspect the torque and security of all wheel mounting hardware.

**WARNING:** After assembly, before your first ride, before all rides and after any time your ebike is left unsupervised, always check to ensure that all latches, levers and quick releases are secured and undamaged. Handlebar stem and/or seat post may become loose and can result in loss of control, damage to property, serious injury and/or death.

### **Adjusting the seat height:**

For most users, the seat height should be set by placing the ball of their foot on the pedal when the crank is at its lowest point. In this orientation, the leg should be almost fully extended, with a slight bend at the knee. Correct seat height should not allow leg strain from overextension and hips should not rock from side to side when pedaling.

### **To adjust seat height:**

1. Open the quick release lever by swinging the lever open and outward fully (pictured below).
2. Move the seat up and down by sliding the seatpost in or out of the seat tube to set to desired seat height.
3. After tightening the adjustment nut (located opposite of the quick release lever), close the quick release lever fully so that the seat cannot move up, down or to the left or right.

**WARNING:** A loose seat clamp or seatpost adjustment bolt can cause damage to the ebike, loss of control, serious injury and/or death. Regularly check to make sure that the seat clamp is tightened. Prior to first use, properly tighten the seat clamp via the seat adjustment bolt.

**WARNING:** DO NOT raise the seatpost beyond the minimum insertion marking etched into the seatpost tube. If the seatpost is raised beyond the minimum insertion point, the seatpost or frame may break, which could cause a rider to lose control and fall, resulting in damage to the ebike, to property, or serious injury and/or death. Ensure the minimum insertion markings on the seatpost are inside the seat tube of the frame.

Adjusting the seat position and angle is critical for rider comfort and posture. please use side adjustments on the seat post to achieve the optimum angle. the seat should be horizontal or slightly downward.

Adjusting the suspension fork: the suspension fork can move up and down up to cushion bumps in the riding surface. if desired, the suspension fork can be locked out as a rigid fork which will generally yield higher pedaling efficiency.

- The right suspension fork has a actuator dial on it for adjusting the suspension rigidity
- A rigid suspension fork is not as comfortable as a compressible fork

### **Rider comfort:**

- Depending on the rider's preference, ability and experience with ebike riding, lowering the seat so the rider can put one or both feet on the ground without dismounting from the seat may offer a safer and more comfortable riding experience.
- For maximum comfort, the rider should not overextend arms' reach when riding. ensure the handlebar and brake lever angles allow for a comfortable arm position and relatively straight line from forearms, wrists and hands. ensure handlebar angle allows the handlebar to remain clear of the rider's body while turning.
- A ebike fitting professional should be consulted to ensure a proper fit. if you have questions regarding proper fit, consult a certified, reputable ebike mechanic.

### **Battery:**

**WARNING:** Do not use a damaged battery or charger. Use of a damaged battery or charger can create additional damage to your ebike and is a fire hazard.



**Do not use your battery and charger and immediately contact Euphree if you experience any of the following:**

1. Your charger's power cord or output cable or any electrical cables on your ebike have any signs of damage, including but not limited to fraying, broken insulation, or any other signs of damage.
2. Your battery or charger is damaged, non-functional or performing abnormally
3. Your battery or charger experienced a significant impact (i.e. from a fall, from a crash, from a drop, etc.) with or without signs of damage
4. Your charger will get warm with normal use. If your charger becomes too hot to touch, is emitting a smell, or shows signs of overheating.

**Store any damaged battery or charger in a safe location and recycle/dispose of it according to local rules. Contact Euphree with questions or to purchase compatible replacements. Connect only to a circuit provided with 10 amperes maximum branch circuit overcurrent protection that is in accordance with the National Electrical Code, ANSI/NFPA 70.**

**Battery charging procedure:**

**WARNING:** Only charge the battery with the originally supplied charger supplied by Euphree, or with a charger purchased directly from Euphree that is designed for your ebike model. Never use an after-market charger. Use of an aftermarket charger can result in damage, serious injury and/or death. An inappropriate charger may cause damage, serious injury or death through fire or electric shock.

**WARNING:** Do not use your battery or charger if the battery is damaged, non-functional, performing abnormally. Do not use your battery or charger if involved in a fall or crash, with or without signs of damage.

**Before initiating charge, ensure the charger is on a hard, flat, fire-resistant surface in an open space. Never cover or obstruct the charger. Use the charger only with the indicator lights facing upwards. Never use the charger inverted. Use of an inverted charger can inhibit charging and decrease the lifespan of your charger.**

**Follow these steps for charging your ebike from Euphree:**

1. Make sure that the ebike is turned off
2. Remove the rubber cover on the charging port on the side of the downtube.
3. Plug the charger into the battery's charging port. Place the charger in a flat, secure place with blinking light side up. Connect to the DC output plug from the charger to the charging port on the side of the battery
4. Plug the charger into a power outlet. Connect the charger input plug (110/220-volt plug) to a power outlet. Charging should initiate. To indicate charging, the LED charge status lights on the charger will turn red.
5. Unplug the charger from the outlet, then the charging port. When fully charged, unplug the charger from the wall outlet first and then remove the charger output plug from the battery charging port. The charging indicator on the ebike charger will turn from red to green.

**Battery Charging Best Practices:**

- Check the charger, charger cables, all electrical cables, battery, and battery holder for damage before initiating each charge.
- Only charge in a safe area that is cool, dry, and indoors. Only charge in a safe area that is away from direct sun, dirt, debris and is away in a clear area to prevent tripping on cords and to prevent damage occurring to ebike, battery or charging equipment while charging.
- Always charge your battery in temperatures between 50 °F – 77 °F (10 °C – 25 °C). □ The battery should be recharged after each use so that you are fully prepared for your next ride. This battery has no memory effect, therefore charging the battery after short rides will not cause damage to your battery.
- Remove the charger from the battery within one hour of the green indicator light turning on (indicated completed charge)
- Unnecessary wear of the charging components could occur if the charger is left attached to the battery and connected to a power source.
- Never charge a battery for more than 12 hours at a time.

**Do not leave a charging battery unattended.**

**WARNING:** Avoid damage to battery connector terminals. Battery connector terminals are exposed when the battery is removed from the ebike frame. In case of damage to the battery mounts or to the terminals, do not use your battery and do not use your charger, and contact Euphree immediately.

**Removing the battery:**

1. Make sure that the ebike and battery are turned off
2. Insert the key into the keyhole and turn to unlock
3. Once unlocked, turn the bottom lever and push down to remove the battery

**Installing the battery onto the ebike:**

1. Turn the key in the keyhole to the unlocked position
2. Insert the battery into position and squeeze to lock into place
3. Turn key to lock in the keyhole

**Long term battery storage:**

Be sure to follow all instructions for storing ebike and battery. Failure to follow ebike and battery storage procedures can result in a non-functional battery, and replacement is not covered under warranty.

If storing your Euphree ebike for longer than two weeks at a time, follow instructions to help maintain health and longevity of your battery.

- Charge (or discharge) battery to approximately 75% charged
- Power off the battery either locked to the frame or unlocked and removed from the frame. □ Store batteries in a dry, climate controlled, indoor environment between 50 °F – 77 °F (10 °C – 25 °C).
- Check the battery every month. If necessary, use the charger from Euphree to charge the battery to 75% charged.

**WARNING:** Opening the battery housing will void the warranty. Do not open the battery housing. Opening of the battery housing can result in damage to the battery, to property and can cause serious injury and/or death.

### Charing time:

When properly connecting the input and output plugs of the charger, two red charging indicator lights should illuminate if the battery is not fully charged. When charging is complete, the red light will turn green. The time for full charge will depend on factors including distance traveled, payload, riding characteristics, terrain and battery age.

If your battery does not seem to be charging normally, is taking longer than expected to charge, or you've noticed a substantial reduction in range between charges, discontinue use and contact Euphree immediately. Note that the battery may take longer to charge when fully depleted, when very new, and after 3-5 years of use.

### Charger safety:

Failure to follow charging procedures can result in damage to your ebike, damage to the battery, the charger or personal property, and can cause serious injury and/or death.

- Do not drop or otherwise cause an impact to your battery. Any impact can damage the battery and cause it to overheat, rupture, leak or ignite.
- Do not expose the battery to fire or high temperatures over 100F.
- Avoid charger contact with liquids, dirt, debris or metal objects.
- Do not cover the charger while in use.
- The charger should only be used only indoors in a cool, dry, ventilated area on a flat, stable, hard surface
- The charger works on 110/220 V 50/60 Hz AC power outlets. The charger automatically detects and accounts for incoming voltage. Do not open the charger or modify the voltage input.
- Do not yank or pull on the cables of the charger. Only unplug by pulling on the plastic plugs directly and not by pulling on the cables.
- The charger will get hot when operating as designed. If the charger gets too hot to touch, emits a strange smell or has any other indication of overheating, immediately discontinue use of the charger and contact Euphree for support.

**WARNING:** Take special care in charging your ebike by reading, understanding and following the procedures and safety information detailed in this manual. Failure to follow proper charging procedures can result in damage to your ebike, the charger, property, and/or cause serious injury or death.

### Balancing the battery:

When you first receive your ebike and for the first 3 times you charge the battery, follow the procedure below to ensure the battery cells are fully balanced and operating as efficiently as possible. The battery will arrive with approximately 50-75% charge. It can be ridden without initial charging or can be charged before riding.

- After the first, second and third ride, charge the battery and leave it on the charge for as close to 12 hours as possible (but no longer than 12 hours). This may require leaving the charger attached to the battery and outlet even after the charger illuminates a green light indicating a full battery.

- Disconnect the charger from the battery and outlet once each balance charge is complete (long charge as close to but not longer than 12 hours). Store the ebike for the next ride.
- Ride the ebike to discharge part or all of the battery and prepare for the next balance charge. Repeat steps 1-3 for at least three different times. After this you may charge the battery normally.

### Normal Charging Procedure

1. Connect the charger to the battery and outlet
2. Charge your city robin until the charger indicator light turns green (2-3 hours).
3. Never leave the battery charging for more than 12 hour
4. Never leave the battery / charger unattended while charging

### BRAKES:

**WARNING:** Do not touch the brake rotor. The brake rotor has sharp edges and can get hot while riding. Touching the brake rotor can cause serious injury, slicing damage, or burns. Do not touch the brake rotor with bare skin, as natural oils can transfer to the rotor, decreasing braking performance. Touch the brake rotor only for necessary maintenance, only while wearing gloves or protective equipment, and only when the brake rotor is cool and not moving.

**WARNING:** Never use the front brake by itself. First apply the rear brake, then second apply the front brake. Use both brakes for all braking operations. Braking with only the front brake can cause loss of control, injury and/or death. Braking with only the front brake excessively stresses components and can cause damage to the ebike and parts.

**WARNING:** Ensure brakes are working correctly and that all braking system components are free from damage. Ensure that when you fully squeeze the brake levers that neither the front nor the rear brake levers make any contact with the handlebar. Perform this check before every ride. If you find a problem, take your ebike to a certified, reputable mechanic to have the brakes repaired.

**WARNING:** Hydraulic brake fluid can be an irritant when it contacts human tissue. If contact with skin occurs, immediately wash off brake fluid. If contact with eye(s) occurs, immediately flush eyes with fresh water continuously for 15 minutes. Consult with medical personnel.

### Operation section:

Do not attempt to operate your ebike until you have read and understood all sections of this manual. The safety warnings throughout the manual must be followed to prevent accidents, damage to ebike and/or property, injury and/or death. Damage caused by failing to read, understand and follow all instructions is not covered under warranty. Contact Euphree if you have questions regarding assembly or operation.

Users must fully understand the ebike's power systems before operating. Users must take extra care when first applying the throttle mechanism. Throttle allows for full power to be applied from a stop. Pedal assistance should also be fully researched and understood before first use. Failure to take care and familiarize yourself, and failure to practice the operation of the power systems on your ebike can lead to damage, serious injury and/or death.

### Handlebar features:

The figure below shows the features of the handlebar.



### Mode Selector:

The image and table below show the features and information of the Mode Selector.



Operations	Directions
Turn on ebike	Press and hold the POWER button
Turn on lights	Press and hold the UP button
Increase pedal assist level	Press the UP button
Decrease Pedal assist level	Press the DOWN button
View Odometer, Trip Distance, and Ride Time	Press the POWER button once

### Display:

The image below shows the features and information of the full-color display.



### Settings Menu:

To change display settings and functions, press the POWER button twice to open up the Settings Menu. Once in the Settings Menu press the UP and DOWN buttons to scroll through.

Press the POWER

### Brightness:

- The brightness of the screen has 5 different levels, with 1 being the darkest and 5 being the brightest.
- Use the UP and DOWN buttons to cycle through each of the different levels and press the POWER button once to select it.



### System:

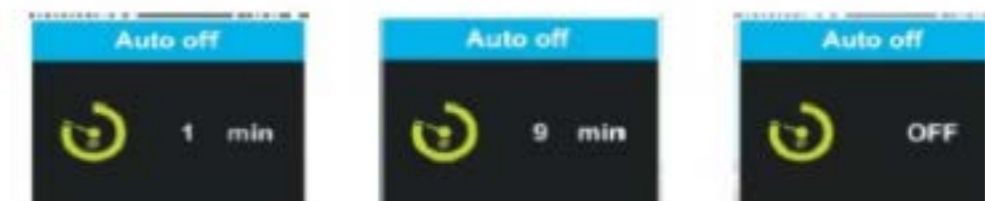
- The System menu is broken down into several sub-menus. Use the UP and DOWN buttons to cycle through them, and use the POWER button to select each individual sub-menu.
- An explanation of each sub-menu is on the following page.

Sub-menu	Options	Default	Explanation
Unit System	Imperial/Metric	Imperial	Determines whether speed and distance is measured in miles or kilometers
Power System	24V/36V/48V/52V	48V	Ensures the proper readout of voltage. The City Robin's battery operates at 48V. Do not change this setting.
Power Indicate	Percent/Voltage	Percent	Determines whether the power indicator shows what percentage is left or how much voltage is left. The recommended setting is percentage.
Auto-Assist	ON/OFF	OFF	Determines whether assist level is chosen automatically or manually. The recommended setting is OFF.

- Navigate to EXIT to leave the menu.

### Auto-off

- The system can be configured to automatically power off anywhere from 1 to 30 minutes, or it can be turned off entirely.
- Use the UP/DOWN buttons to determine Top Speed Adjustment To increase the top speed of the ebike, increase P07 to 45. This will allow the rider to use the ebike as a Class 3 ebike. Ebike law classifications must be followed in each state.





## Wheel:

- The accuracy of the speed and distance measurement is dependent on the wheel size listed in this menu.
- Press the UP/DOWN buttons to change the size of the wheel diameter, and then press the POWER button to save the selection.
- The options are 16/18/20/22/24/26/27/27.5/28/29/30/31/32/34 inches.
- The default is 28 inches



## Advanced Settings:

- IMPORTANT: Some of the settings in this menu should not be changed. If changed, it may impact the way your bike performs. Please note which ones are marked as DO NOT CHANGE.
- A password is required to enter the Advanced Settings menu. The password is 1801.
- The Advanced Settings menu is broken down into several sub-menus. Use the UP and DOWN buttons to cycle through them, and use the POWER button to select each individual sub-menu.

### An explanation of each sub-menu is as follows:

Sub-menu	Options	Default	Explanation
Speed Limit	0 - 60 km/h	45 km/h	Implements a speed limit on the bike. After the bike hits that limit, the motor will cease to provide assistance. Please note: This option is always in km/h. To determine the speed limit in mph, multiply the desired mph by 1.6 to get an approximate km/h.
Current Limit	1 - 20A	18A	DO NOT CHANGE Determines the amperage output from the controller to the motor.
Assist Levels	3/5/9	5	Determines the number of assist levels available.
Poles in Motor	01 - 15	01	DO NOT CHANGE Tells the system how many poles are in the motor.
Throttle 6km	Yes/No	NO	If set to yes, the throttle is cease to function after a speed of 6km/h (3.7 mph) has been achieved.

- Navigate to EXIT to leave the menu.

## Factory Setting

- This menu is used to reset the bike back to factory default settings.
- After resetting to factory default settings, please go through each menu listed above to ensure that everything is set correctly.

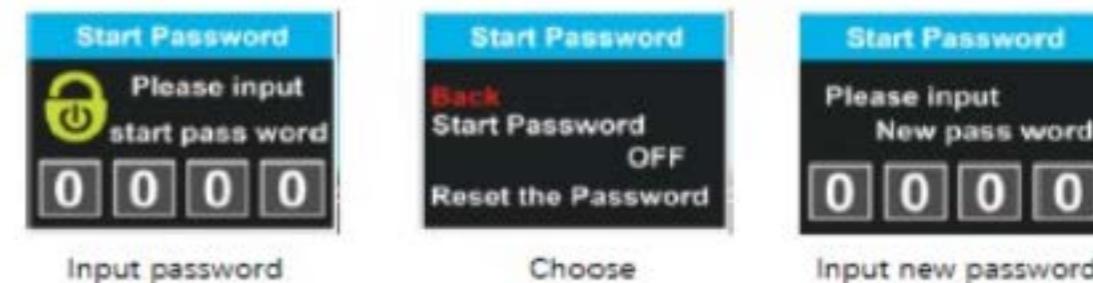


## Password:

- This menu is used to put password protection on the bike. If enabled, the correct password must be entered in order to use any of the electrical features on the bike. Please note: This simply prevents the motor from engaging, it does not lock the wheels. It is meant as a safety feature, not a protection from theft. Please use a sturdy lock if leaving your bike unattended for long periods of time.
- The default password is 0000. Use the UP/DOWN buttons to adjust the password number to enter the menu.

Sub-menu	Options	Default	Explanation
Start Password	ON/OFF	OFF	Determines whether the password will be required on startup or not.
Reset the Password	N/A	N/A	Used to change the password to another combination.

- Select "Back" to return to the Settings Menu.



## EXIT:

- Select Exit and press the POWER button to return to the Main Menu

## Start-up procedure:

- After the e-bike has been properly assembled, all components are secured correctly and the user has read this entire manual, user may turn on the e-bike and select a power level as outlined below:
- Test the battery lock security. Ensure the key port is locked indicating the battery is securely in place inside the frame.
- Remove the key. Carefully use both hands to test that the battery is securely locked into place.
- Make sure that handlebars and seats are properly adjusted. Note that lowering the seat so that the rider can put one or both feet flat on the ground without dismounting from the seat may offer a safer introduction to operating the e-bike.
- Ensure handlebar faceplate bolts and seatpost quick release are fully secured.
- Turn the e-bike on by holding the M on the mode selector on the left hand side of the handlebar.

**WARNING:** The key must be removed from the battery before mounting or operating the ebike. Leaving the key inserted in the key barrel while mounting or dismounting, while removing an unlocked battery from the frame, and/or while operating the ebike can cause damage to the key or battery, and can cause damage to property, serious injury and/or death.

4. Turn on the headlight and taillight if needed by holding down the up arrow. A light indication will appear on the screen indicating that the lights are now on.
5. Select the desired level of pedal assistance between level 0 through 5 using the up and down arrows on the LCD display remote. Level 0 indicates pedal assistance is inactive. Level 1 corresponds to the lowest level of pedal assistance. Level 5 corresponds to the highest level of pedal assistance. Start in PAS level 0 and adjust from there.
6. Begin riding carefully. With proper safety gear, prior experience in bicycle riding, and after reading this manual in its entirety, the rider may now operate the Euphree ebike. On a flat surface, most riders should be able to begin pedaling the ebike with pedal assist level 0 or 1. You may also gently use the throttle to accelerate or maintain desired speed.
7. The throttle is used by slowly, gently and carefully pressing down the thumb into the throttle lever. The throttle is active when the ebike is turned on. Do not use the throttle unless you are riding the ebike.

**WARNING:** Never use the throttle while dismounted. While dismounted and moving the ebike, ensure that the ebike is powered off to prevent application of the throttle.

## Power system

### How pedal assist works:

The user can engage the pedal assist system (PAS) while pedaling. Use of the PAS will recruit assistance from the motor and will help propel the ebike forward. PAS uses a cadence sensor built into the drivetrain. This cadence sensor detects when the user is pedaling and signals the electric motor to provide assistance. The user selects five levels of pedal assistance (PAS 0, 1, 2, 3, 4, 5). PAS 0 indicates no pedal assistance will be provided.

### How the throttle works:

The throttle is located on the right side of the handlebar. The user can engage the throttle by pushing down with the thumb. To engage the throttle while riding, slowly push the throttle lever down with the thumb. The more you push, the more powerfully the throttle will propel the ebike forward. Once you release the throttle or apply the brakes, the throttle will no longer be engaged. Always keep one hand on the brake lever and be prepared to squeeze the brake lever when using the throttle. You should not use your throttle if local regulations prohibit the use of throttle on ebikes. It is the user's responsibility to research, understand and follow ebike regulations and all traffic law.

**WARNING:** Even if you are an experienced ebike user, all users must read and implement the procedures and information described in the owner's manual and any manuals included with each sub-component.

Headlight and brake light features turn on by holding the up arrow for 5 seconds.

### Battery charge level indicator:

The LCD Display on the handlebar features a battery charge level indicator. This indicator calculates battery life based on the battery power output (instantaneous voltage reading) and can fluctuate while riding if power demand and/or output changes. If one bar is left on the display, users should charge the battery as soon as possible. To prevent damage to the battery, at lower states of charge the ebike may limit power output. When the battery is fully depleted, the last bar will begin to flash.

### Best practices for extending range and battery life:

1. Avoid applying full throttle when the ebike has slowed to very low speeds, has stalled or stopped.
2. Pedal to assist the motor when accelerating from a stop and climbing hills
3. Reduce power consumption when possible
4. Do not climb hills steeper than 15% grade
5. Avoid sudden starts and stops
6. Accelerate slowly

### Carrying loads:

Total maximum payload for ebike: 130 kg or 285 lbs

Total maximum payload for cargo loaded on rear rack: 45 kg or 100 lbs

**WARNING:** You MUST hold onto and secure the ebike whenever loading cargo and/or a passenger. The kickstand must not be used when loading cargo and/or a passenger. Never assume the ebike to be stable when using the kickstand.

**WARNING:** Serious injury or death can occur if passengers are inexperienced or unfit to ride safely as a passenger. It is the user's responsibility to ensure any and all passengers on the City Robin are experienced and fit to ride safely as a passenger.

**WARNING:** ebike can tip over and cause serious injury and/or death to the user or passenger.

**WARNING:** Never leave a child unattended on the ebike. Always remove the child before looking away or walking away from the ebike. When carrying cargo or a passenger, do not use the kickstand to balance your ebike.

**WARNING:** The extra weight of cargo and/or a passenger affects steering, braking and balance. Once cargo and/or passengers are loaded on the ebike, hills can become challenging  
**WARNING:** Increased weight from cargo and/or passengers will increase the time it takes to slow the ebike when braking, so plan stopping accordingly.

**WARNING:** It is the user's responsibility to ensure that cargo on a passenger does not interfere with safe operation of the ebike. Serious injury or death can occur if cargo or a passenger impacts user ability to safely operate the ebike.

**Tires:**

Proper air pressure is critical in pneumatic tires. Never underinflate or overinflate tires. Failure to always maintain the air pressure rating as indicated on your tires may result in tire and/or wheel failure. Low pressure may result in loss of control. Overinflated tires may burst. Always maintain proper air pressure.

Always use a regulated air source with a readable, accurate pressure gauge to inflate your tires. Inflating with an unregulated source may overinflate tires and cause a burst tire.

Before changing a tire or tube, always ensure that all air pressure is removed from the inner tube prior to removing the tire from the wheel rim. Failure to remove all air pressure from the inner tube can result in serious injury and/or death.

Use of aftermarket tires or inner tubes not provided by Euphree may void your warranty, may damage your ebike, or may create an unsafe riding condition resulting in loss of control, accidents, serious injury and/or death.

Always replace tires and inner tubes with punctures, cuts or damage prior to riding or operating your ebike.

Serious injury or death can result when the useful life of a component is surpassed. Pay close attention to signs of wear such as cracks, scratches, or color changes of components which could indicate useful life has been exceeded. Worn components must be replaced immediately. Consult a certified, reputable ebike mechanic for regular maintenance and care of your ebike.

**Parking, storage, transport:**

- When pushing or carrying the ebike, turn off the power to avoid accidental acceleration from the motor.
- Turn off the power and lights to conserve battery.
- Ensure the battery
- Park indoors when possible.
- If you must park outdoors in rain or wet conditions, do not leave ebike in wet conditions for more than a few hours. Bring to a dry location as soon as possible and allow all of systems to dry out. As with a regular ebike, an ebike used in wet conditions requires a more frequent maintenance schedule to prevent rust, corrosion, etc. and to ensure all systems are working safely.
- Park your ebike in accordance with local rules and regulations.
- Locks to not prevent all ebike theft. Locking up your ebike with at least one lock is recommended to reduce the chance of ebike theft. Euphree makes no claims or recommendations on the proper lock hardware or procedures to secure your ebike. We do recommend you take precautions to keep your ebike safe from theft.
- Do not park, store or transport your ebike on a rack not designed for your ebike's size and weight.
- When placing your ebike on a rack for transport, unlock the battery, remove the key and then remove the battery to reduce the weight of the ebike for safer lifting and to protect the battery by transporting the battery in the cab of the vehicle.
- Do not transport ebike on a vehicle rack during rain, as this may cause water damage to the electrical components.

**Safety check before riding:**

- Fully charge the battery using only the charger provided by Euphree for use with your ebike
- Ensure the battery is locked into position using the key provided.
- Visually check that there is no damage to the ebike or battery

**Safe riding:**

When riding or operating an ebike, always wear a helmet that covers the forehead and is properly fitted. It is the user's responsibility to understand and follow local laws, rules and regulations.

Never operate an ebike while under the influence of alcohol, drugs, controlled substance, or any substance or condition that could impair motor functions, judgement, or the ability to safely operate an ebike, vehicle or equipment.

**Do not use the motor power when going over potholes, speed bumps or similar obstructions in the road.**

Extra care must be taken if operating this ebike in wet or icy weather conditions. It is not recommended to ride in wet weather. If unavoidable, decrease riding speed and brake earlier as it will take longer to slow in wet or icy conditions. The traction of tires is reduced in icy or wet road conditions. Proceed with caution as road hazards are more difficult to see when wet. Wear reflective clothing and use approved safety lights.

Extra care must be taken if operating this ebike at night. It is not recommended to ride at night. If unavoidable, wear reflective and light colored clothing. Use familiar, well-lit streets. Ensure all reflectors are installed and unobstructed. Ensure headlight and taillight are on and fully functioning.

**Maintenance:**

To ensure safe riding conditions, you must properly maintain your ebike. Follow these basic guidelines and see a certified, reputable ebike mechanic at regular intervals.

- Properly maintain batteries by keeping them fully charged when between uses of as much as two weeks apart. If going longer than two weeks between uses, see the long-term battery storage procedure.
- Never immerse or submerge the ebike or any components in water or liquid.
- Check wiring and connectors to ensure no damage and maintain secure connectors.
- To clean, wipe the frame with a damp cloth. Dry by wiping with a clean, dry cloth
- Store under shelter. Avoid leaving the ebike in the rain or exposed to corrosive materials.
- If exposed to rain, dry the ebike and apply anti-rust treatment to the chain and any other unpainted steel surfaces.
- If the hub and bottom bracket bearings have been submerged in water or liquid, they must be taken out and de-greased to prevent accelerated bearing deterioration.
- Use touch up paint to prevent rust if the paint has become scratched or chipped. Clear nail polish may also be used as a preventative measure.
- Regularly clean and lubricate all moving parts.
- Regularly tighten components and adjust as required.
- Regularly inspect all pre-attached and optional component hardware to ensure proper torque spec, secure attachment and working condition.



**Limited Warranty:**

Your bike's warranty and all other binding legal terms (e.g., terms of purchase, etc.) are subject to change at any time. To view terms of purchase, visit [www.euphree.com/policies/terms-of-service](http://www.euphree.com/policies/terms-of-service). To view the current warranty, visit [www.euphree.com/pages/warranty](http://www.euphree.com/pages/warranty).

All Euphree ebikes (the "ebike"), and their individual Covered Components (as defined herein), are protected against all manufacturing defects in material or workmanship for one (2) years after receipt of the ebike by the customer (the "Warranty Period").

**This Warranty is only applicable to United States ebike purchases and in accordance with the following terms:**

- Only the original owner of an ebike purchased from Euphree's online store or physical storefront is covered by this Limited Warranty. The Warranty Period begins upon your receipt of the ebike and shall end immediately upon the earlier of the end of the Warranty Period or any sale or transfer of the ebike to another person, and under no circumstances shall the Limited Warranty apply to any subsequent owner or other transferee of the ebike.
- The Limited Lifetime Warranty expressly applies to the replacement of a defective or failed frame due to a manufacturing defect. All components have such as lithium ion battery (the "Battery"), forks, stem, handlebar, headset, seat post, saddle, brakes, bottom bracket, crank set, pedals, rims, wheel hub, freewheel, cassette, derailleur, shifter, motor, throttle, controller, wiring harness, kickstand and hardware (each a "Covered Component").
- The Covered Components are covered under a two year warranty to be free of defects in materials and/or workmanship.

**This Warranty Does Not Cover:**

- Normal wear and tear of any Covered Component.
- Consumables or normal wear and tear parts (including without limitation tires, tubes, brake pads, cables and housing, grips, chain, spokes and lights).
- Any damage or defects to Covered Components resulting from failure to follow instructions in the ebike owner's manual, acts of God, accident, misuse, neglect, abuse, commercial use, alterations, modification, improper assembly, installation of parts or accessories not originally intended or compatible with the ebike as sold, operator error, water damage, extreme riding, stunt riding, or improper follow-up maintenance.
- For the avoidance of doubt, Euphree will not be liable and/or responsible for any damage, failure or loss caused by any unauthorized service or use of unauthorized parts.
- The Battery is not warranted from damage resulting from power surges, use of an improper charger, improper maintenance or other such misuse, normal wear or water damage.
- Any products sold by Euphree that is not an ebike.

**DETERMINING WHETHER DAMAGE OR DEFECT TO AN EBIKE OR COVERED COMPONENT IS PROTECTED BY THIS LIMITED WARRANTY SHALL BE IN THE SOLE DISCRETION OF EUPHREE.**

**Shipping damage:**

Damage to a Covered Component during shipping is not covered by this Limited Warranty, but Euphree will replace such damaged.

**Covered Components if you:**

- Notify Euphree of a Covered Component damaged in the shipping process within thirty (30) days of your receipt of the ebike
- Provide Euphree with a dated picture of the the damaged Covered Component
- Return all original packaging and paperwork included with the ebike
- Note any immediately recognizable damage on the shipper's Bill of Lading prior to signing off on the shipment.

Shipping damage claims are very time sensitive and it is your responsibility to immediately inspect the ebike for damage upon receipt.

If you choose to set up your own independent shipping method, such as use of a freight forwarder or other similar service, Euphree will not replace any Covered Components damaged during such shipping method.

**Credit card chargebacks:**

If any ebike purchase becomes subject to a credit card chargeback in any amount, and you are still in possession of the ebike, then this Limited Warranty shall be invalidated until the credit card chargeback has been resolved.

**THE REMEDIES DESCRIBED ABOVE ARE YOUR SOLE AND EXCLUSIVE REMEDIES AND EUPHREE'S ENTIRE LIABILITY FOR ANY BREACH OF THIS LIMITED WARRANTY. EUPHREE'S LIABILITY SHALL UNDER NO CIRCUMSTANCES EXCEED THE ACTUAL AMOUNT PAID BY YOU FOR THE EBIKE, NOR SHALL EUPHREE UNDER ANY CIRCUMSTANCES BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL OR PUNITIVE DAMAGES OR LOSSES, WHETHER DIRECT OR INDIRECT.**

**SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE.**

**TO THE EXTENT PERMISSIBLE UNDER APPLICABLE LAW, EUPHREE DISCLAIMS ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE FOR THE DURATION OF THIS EXPRESS LIMITED WARRANTY.**

**SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.**