



BAIR

ELECTRIC BIKES



OWNER'S MANUAL



CONGRATULATIONS ON OWNING A BAIR ELECTRIC BIKE.

Before you get ready to hit the road, it is important to read your new owner's manual, it contains important safety, performance and service information. Read it before you take the first ride on your new Bair Electric Bike, and refer to it as you continue to care for and use your bike.

If you have any questions or do not understand something, take responsibility for your safety and consult with your dealer or Bair Electric Bikes directly.

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INTRODUCTION

Bair Bikes would like to thank you for purchasing one of our electric bikes. You obviously have great taste and a passion for the open road, so now we just want to make sure you ride smart too.

Remember, bike riding can be a hazardous activity; other bike riders, cars, conditions, distractions and many other factors can endanger you and others. Mistakes and accidents can lead to severe injury, property damage, or death. Please read this manual carefully before riding your new Bair Electric Bike.

You are empowered now that you own a Bair Electric Bike, and have the responsibility to learn how to operate it safely, legally and correctly. Keep it in good shape by maintaining it and make sure anyone who uses it knows how to operate it safely.

Please take the time to read and understand the following warnings and cautions. If your Bair Electric Bike is used by others, please make sure they carefully read this manual so that they are aware of important guidelines to help avoid accidents and reduce injuries if mishaps occur.

We hope you have a great experience cruising around on your Bair Electric Bike.

MAKE SURE TO MAINTAIN YOUR BIKE PROPERLY

Read the care instructions in this manual. By choosing not to follow the care instructions in this manual, you will void your warranty and you or someone else could be injured.

MAKE SURE TO FOLLOW THE LAWS IN YOUR AREA

You must comply with all applicable laws when using your Bair Electric Bike, including without limitation laws relating to the minimum age of a rider, safety and training requirements, marking requirements, speed limits, registration requirements, use taxes, alcohol and drug laws, and all other similar laws.

LITHIUM-ION BATTERY

We have equipped your Bair Electric Bike with a lithium-ion battery. This is the same battery chemistry that powers your mobile phone and laptop, but on a larger scale. Lithium-ion batteries feature very high gravimetric energy density. (Translation: you get more power per kilogram of battery than most other types of battery.) Additionally, the battery requires care and maintenance to ensure that it will perform safely and reliably for years of enjoyment.

SPECIAL NOTE FOR PARENTS

As a parent or guardian, you are responsible for the activities and safety of your minor child. Please note that your Bair Electric Bike is not intended for use by children under the age of 12 years old. As a parent or guardian, you should read this manual, as well as review the warnings, functions, and operating procedures with your child before letting your child ride the bike.

TERMS TO NOTE

This Owner's Manual uses the following terms to call your attention to warnings, cautions and notes:

WARNING: Indicates a potentially hazardous situation which, if not avoided, could result in bodily injury, in addition to property damage.

CAUTION: Indicates a potentially hazardous situation which, if not avoided, may result in damage to equipment or inadvertant system failure.

NOTE: Indicates helpful or other important related information.

PLEASE READ, UNDERSTAND AND FOLLOW ALL WARNINGS, CAUTIONS AND NOTE NOTICES INCLUDED IN THE MANUAL. IF YOU DO NOT UNDESTAND ANY OF THIS IMPORTANT INFORMATION OR IF YOU HAVE ANY QUESTIONS, PLEASE DON'T HESITATE TO CONTACT BAIR ELECTRIC BIKES DIRECTLY AT 1800 541 555.

SERIAL NUMBER

Your Bair Electric Bike has its own unique serial number. We urge you to record this serial number and other information for warranty purposes or in case your bike is ever lost or stolen.

It is located on the front of the bike behind the light or underneath the Bair badge.

BIKE SERIAL NUMBER: _____

Please also record this other important information:

DATE OF PURCHASE: _____

PURCHASED FROM: _____

Please keep this information in a safe place for future reference.



- a. LCD display screen (refer to next page)
- b. Brake levers
- c. Front light
- d. Front fender
- e. Bike pedals
- f. Removable battery pack
- g. Bike stand
- h. Rear hub motor
- i. 26" x 4" all terrain tyres
- j. Rear fender
- k. Rear light
- l. Rear rack
- m. Carrier straps
- n. Cushioned spring form saddle
- o. Charging point/key entry on reverse side.

NOTE: San Remo has the same components as the Roadknight but with a low-step frame



- a. Screen/light Power on/off
- b. Speedometer
- c. Battery charge level
- d. Trip/odometer reading
- e. Power assist level
- f. Power assist level down
- g. Power assist level up
- h. Setting adjustment
- i. Battery Management System

CAUTION: Speedometer is set to a maximum speed of 25km/hr. Overriding this is unsafe, and not legal outside of your own private property according to current Australian laws.

CAUTION: General maintenance and servicing of your bike is required every 12 months or 1000km to extend the life of your bike. Every bike is fitted with readily available components so your bike can be serviced at your local bike shop. For anything electrical related contact your dealer you purchased your bike from.

NOTE: The LCD screen will only work if the key is inserted into the battery pack and turned to on.

NOTE: To power on/off, hold the on/off button down for 3 seconds and release. Alternatively the screen will automatically power off in 5 minutes of no movement.

NOTE: The recommended tyre pressure for the Roadknight and San Remo bikes is up to 30psi. (refer to pressure marked on tyres)



- a. LCD display screen (refer to next page)
 - b. Brake levers
 - c. Front fender
 - d. Bike pedals
 - e. Central mid-drive motor
 - f. Bike stand
 - g. 26" (700 x 35C) road tyres
 - h. Rear fendor
 - i. Slimline bike saddle
 - j. Removable battery pack
 - k. Charging point/key entry on reverse side
- NOTE:** Esperance has the same components as the Ceduna but with a low-step frame



- a. Power on/off
- b. Power assist level +/-
- c. Battery charge level
- d. Speedometer
- e. Trip/odometer reading
- f. Power assist level
- g. Control panel

CAUTION: Speedometer is set to a maximum speed of 25km/hr. Overriding this is unsafe, and not legal outside of your own private property according to current Australian laws.

CAUTION: General maintenance and servicing is required every 12 months or 1000km to extend the life of your bike. Every bike is fitted with readily available components so your bike can be serviced at your local bike shop. For anything electrical related contact your dealer you purchased your bike from.

NOTE: The LCD screen will only work if the key is inserted into the battery pack and turned to on. To power on/off, hold the on/off button down for 3 seconds and release. Alternatively the screen will automatically power off in 5 minutes.

NOTE: Pressing the power assist level down to minus 1 activates a walking mode (you will see man walking a bike example). This mode will assist when walking your bike up stairs or on an incline.

NOTE: The recommended tyre pressure for the Ceduna and Esperance bikes is up to 70psi (refer to pressure marked on tyres)



- a. Brake levers
- b. Charging point/key entry on reverse side.
- c. Front shock
- d. Removable battery pack
- e. Bike pedals
- f. Central mid-drive motor
- g. 27.5" x 2.8" all terrain tyres
- h. Slimline bike saddle
- i. Rear shock
- j. LCD display screen (refer to next page)



- a. Power on/off
- b. Power assist level +/-
- c. Battery charge level
- d. Speedometer
- e. Trip/odometer reading
- f. Power assist level
- g. Control panel

CAUTION: Speedometer is set to a maximum speed of 25km/hr. Overriding this is unsafe, and not legal outside of your own private property according to current Australian laws.

CAUTION: General maintenance and servicing is required every 12 months or 1000km to extend the life of your bike. Every bike is fitted with readily available components so your bike can be serviced at your local bike shop. For anything electrical related contact your dealer you purchased your bike from.

CAUTION: Regular maintenance/checks may be required. If riding off road or downhill we recommend doing a check over the bike before any ride as nuts and bolts may loosen over time.

NOTE: The LCD screen will only work if the key is inserted into the battery pack and turned to on. To power on/off, hold the on/off button down for 3 seconds and release. Alternatively the screen will automatically power off in 5 minutes of no movement.

NOTE: Pressing the power assist level down to minus 1 activates a walking mode (you will see man walking a bike example). This mode will assist when walking your bike up stairs or on an incline.

NOTE: The recommended tyre pressure for the Carbon Black mountain bikes is up to 35psi (refer to pressure marked on tyres)



- a. LCD display screen (refer to next page)
- b. Brake levers
- c. LED light
- d. Bike pedals
- e. Rear hub motor
- f. 27.5" x 2.4" tyres
- g. Ergo gel saddle
- h. Removable battery pack
- i. Charging point/key entry on reverse side



- a. Increase power assist
- b. Power on/off
- c. Decrease power assist
- d. Odometer reading
- e. Battery charge level
- f. Speedometer
- g. Trip reading
- h. Power assist level

CAUTION: Speedometer is set to a maximum speed of 25km/hr. Overriding this is unsafe, and not legal outside of your own private property according to current Australian laws.

CAUTION: General maintenance and servicing is required every 12 months or 1000km to extend the life of your bike. Every bike is fitted with readily available components so your bike can be serviced at your local bike shop. For anything electrical related contact your dealer you purchased your bike from.

NOTE: To power on/off, hold the on/off button down for 3 seconds and release. Alternatively the screen will automatically power off in 5 minutes of no movement.

NOTE: The recommended tyre pressure for the Lonsdale bike is up to 30-50psi. (refer to pressure marked on tyres)

NOTE: Key must be inserted into battery to remove

NOTE: To power from LED light hold down + button as shown in image above as a.



- a. Brake levers
- b. Front LED light and cage
- c. Charging point
- d. Front fender
- e. Bike pedals
- f. Rear hub motor
- g. 26" x 4" road tread tyres
- h. Rear fender
- i. Rear LED light
- j. Cushioned spring form saddle
- k. Battery pack hidden in tank
- l. LCD display screen (refer to next page)



- a. Light switch
- b. Power assist level +/-
- c. Set/Menu
- d. Power on/off
- e. Battery charge level
- f. Speedometer
- g. Trip/odometer reading
- h. Power assist level

*FOR MORE DETAILED INSTRUCTIONS REGARDING THE COMPLEXITIES OF THE VAN DIEMEN LCD SCREEN CAPABILITIES CONTACT US AND WE WILL SEND YOU ITS INDIVIDUAL MANUAL.

CAUTION: Speedometer is set to a maximum speed of 25km/hr. Overriding this is unsafe, and not legal outside of your own private property according to current Australian laws.

CAUTION: General maintenance and servicing of your bike is required every 12 months or 1000km to extend the life of your bike. Every bike is fitted with readily available components so your bike can be serviced at your local bike shop. For anything electrical related contact your dealer you purchased your bike from.

NOTE: To power on/off, hold the on/off button down for 3 seconds and release. Alternatively the screen will automatically power off in 5 minutes of no movement.

NOTE: The recommended tyre pressure for the Van Diemen bike is up to 20psi. (refer to pressure marked on tyres)

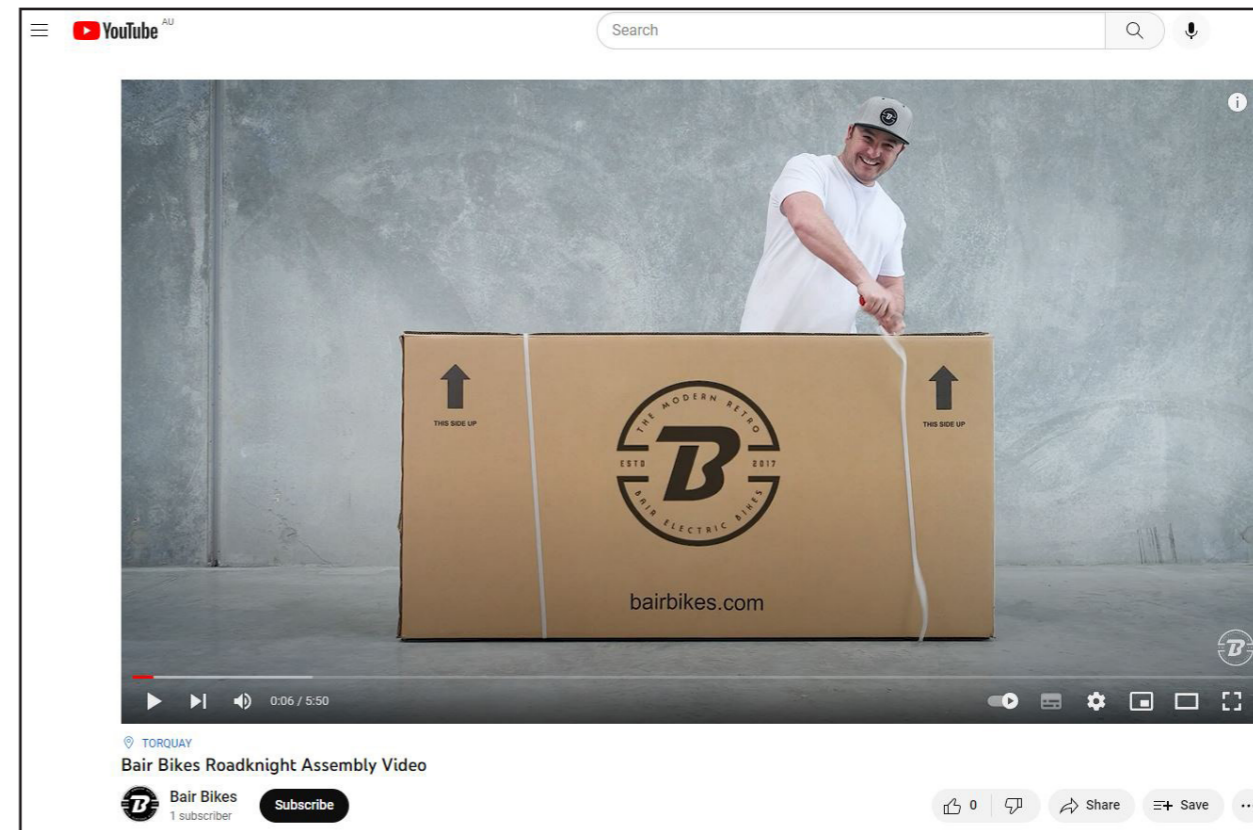
ASSEMBLY & BASIC OPERATIONS

Your Bair Electric Bike will arrive in a large oversized box. The bike is well packaged to avoid damage during transportation. To assemble the bike remove it from the box and follow our step by step guide in the video link below. The video link also includes some basic operating instructions.

<https://www.youtube.com/watch?v=1Ja44RDsvfA>

VIDEO CHAPTERS

- [0:05](#) Bair Bikes assembly
- [3:27](#) Pedals
- [4:17](#) Seat adjustment
- [4:30](#) How to remove and charge battery
- [5:06](#) Screen display & functions



CARE AND MAINTENANCE

CLEANING CARE INSTRUCTIONS

Ensure you hose down and clean your bike after a ride along gravel/muddy tracks or along the beach. This will ensure your bike remains clean preventing any erosion. **CAUTION:** Avoid high pressure on electrical components.

REGULAR MAINTENANCE

We recommend you take good care of your bike and regularly give your bike a check over to the best of your ability. With the tools provided check to see if any nuts and bolts have come loose and give them a once over. Keep your chain oiled and free of dirt and grime. **WARNING:** Do not oil disks or brake, doing so may result in serious injury.

SERVICING

Ensure your bike is serviced every 12 months or 1000km for general maintenance. This can be done at any bike servicing facility.

CHARGING

Try not to charge your battery too much, or discharge it too much. We recommend keeping it between 80% and 20% capacity, to always turn off the charger and disconnect from power supply once the charger indicates full charge.

STORAGE

If you are storing your bike for an extended period of time it is important to keep your battery reasonably active. We recommend trying to keep your battery charged and storing it at around 15°C - 20°C in a dry area. We also recommend charging it at least once every 3 months. (Refer to page 22 for more details)

BATTERY

Your bike battery has a range of 30km-50km (max up to 80km) this varies due to factors such as rider weight, terrain, climbing steep hills and riding into a head wind will deplete the battery faster and affect the total range.

TYRES

Ensure you check the tyre pressure before you ride your bike. Please refer to the Components and Specification pages or the wall of each tyre to find the correct tyre pressure for your bike.

BIKE CHAIN/CASSETTE

It is important to properly maintain your bike chain/cassette to ensure a smooth pedalling experience. We recommend cleaning and maintaining your chain every two weeks.

BRAKES

Mechanical disc brakes or hydraulic disc brakes should be serviced by a qualified bike technician every 6 months. Weekly checking of brake components is highly recommended including rotor, pads and overall cleaning of brakes. **CAUTION:** Don't use lubricant on disks. To avoid rust clean disks with an approved disk cleaning product.

KEYS

Each set of keys are specific to each bike. If the spare key is misplaced, we recommend getting another key cut as soon as possible. If both keys are misplaced this may result in the purchase of a new battery. We do not have spare keys in our catalogue.

CHARGING THE BATTERY

CHARGING NOTES

- It normally takes up to 6 hours to charge your battery from a fully discharged condition.
- Fully charge your battery for 12 hours after every ten charges.
- Always charge in an indoor, clear, clean environment
- The LED light on the charger will appear red when charging and green when it is charged.
- Avoid leaving the charger switched on at the power socket when you are not charging the battery.
- **WARNING:** Avoid contact with water or other fluids while charging the battery. If the charger or any connections get wet, immediately unplug the charger and thoroughly dry all components prior to charging the battery.
- **WARNING:** Do not cover the charger while charging the battery, this can cause the charger to overheat.

LONG TERM STORAGE

- Fully charge the battery for 12 hours before storing and at least every 3 months.
- **WARNING:** 12 consecutive months without charge may result in permanent damage to the battery.
- Store the battery in a cool (15 to 25°), dry place.
- Avoid direct exposure from the sun.

STEP BY STEP GUIDE TO CHARGING YOUR BATTERY

1. Turn the battery off by removing the key from the bike.
2. Insert the charger cord into the socket on the charger and the battery plug into the charging socket on the battery.
3. Connect the charger to a power socket when it's switched off and then switch it on.
4. Ensure the LED light indicator on the charger is on. The battery is charging when the light is red. The battery is charged when the light is green.
5. Turn off the power point.
6. Unplug the charger from the power socket and store safely.

WARNING: Improper use of the battery charger can result in a fire with property damage and or physical injury.

NOTE: The battery can remain in the bike to charge or it can also be easily removed if necessary.

IMPORTANT SAFETY INFORMATION

WARNING: Only use the battery charger supplied with your Bair Electric Bike.

WARNING: The speedometer is set to a maximum speed of 25km. Overriding this is not legal outside of private property according to current Australian laws.

WARNING: Bair Electric Bikes does not take responsibility for any alterations or modifications made to your Bair Electric Bike. In doing this you will void your warranty.

WARNING: Bair Electric Bikes does not take any responsibility for damage to the Bair Electric Bike or physical injury of the rider due to improper use of the battery charger.

WARNING: Avoid leaving the battery charger ON and plugged into the power socket for more than 6 hours at a time.

WARNING: Riding your Bair Electric Bike in the rain is no problem however if it is ridden into deep water it will likely cause your motor to short circuit.

WARNING: The maximum weight capacity of a Bair Electric Bike is 130kg. Overloading this will drain your battery faster.

WARNING: Bair Electric Bikes does not take any responsibility for physical injury of the rider due to the rider not wearing a helmet or the appropriate safety gear.

WARNING: Bair Electric Bikes does not take any responsibility for damage to the Bair Electric Bike or physical injury of the rider due to riding on inappropriate surfaces.

BATTERY DISPOSAL

Lithium ion batteries, if not disposed of correctly, are bad for the environment. Please do not throw your battery in your regular recycling or waste bin. We will happily take it off your hands or you can search for your local battery collection point at the below link:

<https://recyclingnearyou.com.au/batteries>

TRANSPORTING YOUR BIKE

CAUTION: When transporting this item on a motor vehicle keep the tires as the weight bearing part of the bike as shown in the image of a platform rack to the right. This prevents vibrations directly affecting the frame as the constant shaking during driving may cause damage to the bike components over time.

NOTE: Transport of this item on commercial aircraft is subject to federal regulations and airline policy. Please consult your airline prior to your flight to ensure you Bair Electric Bike and its lithium ion battery are permitted.



WARRANTY INFORMATION

WARRANTY

In addition to any non-excludable warranties provided under the Australian Consumer Law, Bair Electric Bikes warrants to the purchaser (the "Customer") of a Bair Electric Bikes product (the "Product") that for a period of 2 years on electrics and 4 years on the frame from the date of purchase, the product will be free of defects in materials and workmanship. In Bair Electric Bikes sole and absolute discretion, repairs, replacements, or a refund of customer's purchase price for any defective product under the limited warranty set forth in this section. Such repair, replacement, or refund will be customer's sole and exclusive remedy for all claims of any kind arising out of or relating to the product. The warranties and limitations extend only to the original purchaser or the person for whom the product was originally purchased, customers may not assign or pass through this limited warranty to any third party. Activities involving the use of the product are by their nature hazardous. Users therefore assume risk of bodily injury or death arising from those activities.

This limited warranty will not apply to any Product that:

(a) has had the Serial Number or other identification marking altered, removed or rendered illegible; (b) has been damaged by or subject to improper operation, storage or maintenance or has been used in any way other than in strict compliance with Bair Electric Bikes operation manuals; (c) has become defective or inoperative due to its use with any equipment or products not supplied or approved by Bair Electric Bikes; (d) has been improperly handled, repaired, modified, or otherwise altered by anyone other than Bair Electric Bikes; (e) has not been purchased from an authorised dealer; (f) has damage due to normal wear and tear such as worn pieces, all impact marks and abrasions, or tears are excluded from this limited warranty.

To the maximum extent permitted under law, the above warranty is in lieu of all other warranties, express, implied or statutory, including without limitation those of merchant ability, fitness for a particular purpose, non-infringement of third-party rights, that the product will meet customer needs, operation of the product will be error free, or all errors will be corrected, as expressly disclaimed.

CONSUMER LAW GUARANTEES

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any foreseeable loss or damage. You are also entitled to have the goods repaired if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

WARRANTY INFORMATION

PRODUCTS RETURN PROCEDURES

If Customer believes it has a warranty claim, Customer must contact Bair Electric Bikes and obtain a Return Material Authorization (“RMA”) number. Customer will pack and ship the Product in a container which can be reasonably expected to safely transport the Product. Customer will prepay the shipping costs, and if directed by Bair Electric Bikes any insurance costs, for such return. Bair Electric Bikes will not accept any return Product shipment sent C.O.D Customer will indicate the RMA number on the outer portion of the shipping container and will include a description of the problem with the product in the shipment. If Bair Electric Bikes determines that the product is subject to a valid warranty claim, Bair Electric Bikes will ship the repaired or replacement product to customer at Bair Electric Bikes cost (or, in Bair Electric Bikes discretion, will refund the purchase price of such Product), and will reimburse Customer for properly documented shipping and insurance costs incurred in returning the Product to Bair Electric Bikes.

LIABILITY LIMITATIONS

Bair Electric Bikes will not be liable for any indirect, consequential, incidental, special, aggravated or exemplary damages relating to or arising out of the use or inability to use the products, loss of goodwill or profits, and/or from any other cause whatsoever, even if it has been advised of the possibility of such damages. To the maximum extent permitted under law, Bair Electric Bikes in no event have liability for any cause of action relating to the use or inability to use a product exceed amounts received by Bair Electric Bikes from customer for that product.

NON-WARRANTY REPAIR

For non-warranty repairs, Customer will return the Product to Bair Electric Bikes following the procedure described above. The Product will be evaluated by Bair Electric Bikes, and a repair estimate will be provided to the customer within 10 business days of Bair Electric Bikes receipt of the Product.

CONTACT US

CALL: 1800 541 555

EMAIL: info@bairbikes.com.au

VISIT US AT:

26 Baines Cres, Torquay VIC 3228

Monday - Friday: 9:00AM - 4:00PM

FOLLOW US

Instagram: [@bairbikes](https://www.instagram.com/bairbikes)

Facebook: [Bair Bikes](https://www.facebook.com/BairBikes)

Youtube: [Bair Bikes](https://www.youtube.com/BairBikes)





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