

# DELTA

Featuring Connect+

# Owner Manual



DELTA 43



DELTA 48

# BATRIBIKE®

ELECTRIC BICYCLES

Hand Built in Europe



[batribike.com](http://batribike.com)



**DELTA 48**



**DELTA 43**

**BATTERY:-**

- ECO (7.8 Ah)
- STANDARD (10.4 Ah)
- LONG RANGE (12.8 Ah)

Register your BATRIBIKE Warranty online at [batribike.com/warranty-registration](http://batribike.com/warranty-registration)

**BICYCLE SERIAL N<sup>o</sup>:-**

**PURCHASE DATE:-**

DAY MONTH YEAR

**BATTERY SERIAL N<sup>o</sup>:-**

DEALER STAMP

**IMPORTANT PLEASE READ THIS MANUAL FULLY BEFORE USE**

Always read the safety instructions carefully before use. It is also advised to read this manual fully before use.

If the safety precautions are not respected the warranty will be waived.

Keep your receipt for a minimum of 5 years as it is your proof of purchase and entitlement to warranty.

For your safety and to ensure a long and trouble free life of your Batribike bicycle, check the operation of brakes, lights, bell and gears, and check tyre pressures are correct.

Also check all fasteners, including quick release mechanisms, before every ride.

Thank you for purchasing a **BATRIBIKE** Electric Bicycle

With care and correct usage your bicycle  
will give many years of service.

### Important

#### PLEASE CHARGE THE BATTERY BEFORE FIRST USING THE BICYCLE

Even though the battery indicator will show charge this cannot be  
relied upon until the battery has had the initial full charge.

PACKAGE CONTENTS	1 ELECTRIC BICYCLE
	1 BATTERY with Keys
	1 BATTERY CHARGER with UK Mains Lead
	1 MANUAL

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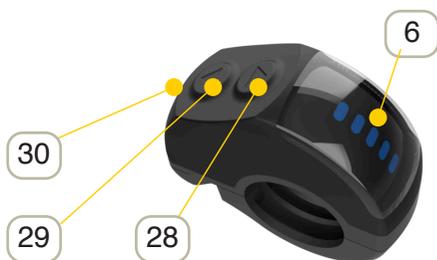


### PARTS IDENTIFICATION

We continually strive to ensure that we provide you with the best possible products, therefore SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

1	Rear Brake Lever	16	
2	Connect+ LED Display	17	Seat Adjust (Position - Front/Back)
3	C+ App. (phone & holder not supplied)	18	Seat Adjust (Height) - Quick Release
4	Bell	19	Front Tyre 27.5 x 2.10
5	Front Brake Lever	20	Suspension Forks
6	Front Gear Selector (Twin Lever) x 3	21	Front Hydraulic Disk Brake
7	Front Gear Indicator	22	Quick Release Wheel Spindle
8	Rear Gear Indicator	23	3 Speed Chainwheel
9	Rear Gear Selector (Twin Lever) x 8	24	Motor Connector (On Right Chainstay)
10	Charging Socket	25	8 Speed Rear Derailleur Gears
11	Battery	26	Rear Hub Motor
12	Battery Finger Pull & Securing Tab	27	Rear Hydraulic Disk Brake
13	Battery Lock	28	Power UP Button
14	Bicycle Serial Number	29	Power DOWN Button
15	Rear Tyre 27.5 x 2.10	30	Power ON/OFF Button





#### HANDLEBAR DISPLAY OPTIONS

STANDARD FITMENT  
(Connect+ LED)  
SHOWN LEFT

CONNECT+ SYSTEM  
CAN ALSO BE CONTROLLED BY  
SMART PHONE APP.  
(NOT SHOWN)

# BATTERY CARE & CHARGING

Your Batribike Electric Bicycle uses a Lithium battery for its power and the following points will directly affect battery life and performance.

## First time use

Your battery will be supplied in a state of sleep from the factory. The first time you use the battery it requires activation by being fully charged.

## Storage

Batteries do not like to be stored in very hot or very cold conditions or to be subject to conditions of high moisture. They also do not like to be left in a fully discharged state. If Lithium batteries are left flat for an extended period they may no longer be functional.

- Store your battery between 15° C and 25° C in a dry area. (The conditions found in a normal domestic house).
- If your Batribike is not in use for an extended period it is imperative that you charge the battery before storage and then charge the battery once a month to prevent deterioration.

## Charging

Lithium batteries do not like to be left discharged. It is good practice to recharge as soon as is reasonably possible after the battery goes flat. We recommend charging after every ride, that way your electric bike is always ready for your next outing.

- Do not charge at temperatures below 0° C
- Switch off the battery before charging.
- Battery can be charged on or off the bike.
- Always make sure the battery and charger are on a non-flammable, dry surface away from sources of heat, humidity and flammable materials.
- Do not cover the battery or charger whilst charging.
- Only use the charger supplied.
- Even if not in use recharge your battery a minimum of once a month.

## For Your Safety

- Keep battery away from children
- Do not dismantle
- Do not pierce or crush
- Do not immerse in liquid
- Do not expose to temperatures over 60°C
- Do not short circuit the battery connections
- Do not leave unattended whilst charging
- Do not sleep near a battery that is charging

**Failure to adhere to these Battery Care instructions can allow the battery to deteriorate and may pose a serious risk of Fire**

## Removing the Battery

To remove the battery, turn off at the handlebar display, unlock the battery using the key provided. Push the battery locking tab downwards away from the battery and using the finger insert pull the lower part of the battery downwards and angle the battery out of the frame. (See page 14). *Note: Battery must be locked in position during use.*

## Using the Charger

Two types of battery charger are used by BATRIBIKE. (Only one will be supplied). Both have a charge light which will display RED when charging and change to GREEN when the battery is charged.



The alternative type charger also has a second light which shows RED when mains power is applied.

- **Ensure the battery is switched off.**
- **Plug the charging lead into the battery.**

The charging lead plugs into the charging socket located on the underside of the battery. It can only be inserted one way.

- **Plug the charger into the mains socket and switch on at the wall outlet.**
- **The lights on the charger will illuminate after a few seconds.**



When charging is complete the RED charge light will change to GREEN. May take up to 6 hrs for flat battery.

- **Once charged, switch off at the wall outlet and unplug.**
- **Disconnect the charging lead from the battery and replace the cover over the charging socket.**

The battery does not have to be completely discharged before it is recharged. The Lithium battery has no "memory" and therefore can be charged at any time. It is perfectly acceptable to recharge the battery after a short ride so that the battery is fully charged before the next ride.

### IMPORTANT

**Plug the charger into the battery before switching on at the mains.**

**Similarly, switch off at the mains before unplugging the charger from the battery.**

**DO NOT LEAVE PERMANENTLY CONNECTED**

**NOTE:** If the battery is charged and the charger left switched on for an extended period the alternative type charger will enter a low power state, indicated by both the RED and ORANGE/ GREEN LEDs flashing slowly.

Switch off and unplug as above.

---

## Usage

Your BATRIBIKE electric bicycle has the **CONNECT+** system fitted as standard to the bike.

The bicycle can be operated with just the handlebar mounted control / display or, with enhanced, additional features via your smartphone.

### Connect+

See separate manual for operation



LED display fitted as standard.

Smart phone (*not supplied*), App. available as free download.

## Pedal Assistance - Fitted LED display



There are 5 levels of pedal assistance available from the motor. Using the UP and DOWN buttons you can select from Level 1 (Lowest), to Level 5 (Highest). The motor will then be activated upon pedalling.



### PEDAL ASSISTANCE FROM THE MOTOR

LEVEL / RANGE	EXAMPLE OF USAGE
<b>Full power</b> up to 28 miles/45 km* 	Provides maximum power when negotiating hills and head winds.  Great when needing to simply get from A to B as fast as possible.
<b>80% power</b> up to 36 miles/58 km* 	Great for commuting to work.  Normal Use Mode.
<b>60% power</b> up to 45 miles/72 km* 	These are the levels to use for everyday cycling. Gives good performance whilst maximising usable range per charge.  Best for Leisure Use.
<b>40% power</b> up to 53 miles/85 km* 	Use these lower power levels when negotiating busy cycle paths and crowded areas. Also use when setting off and gradually increase through the levels for a smoother performance.
<b>20% power</b> up to 62 miles/100 km* 	

Please remember that the above values are provided as a guide. Due to manufacturing tolerances the performance may vary. Weather and terrain will also affect performance.

*\*dependant on battery option, values shown are for 12.8Ah 460Wh*

# STANDARD BICYCLE FUNCTIONS

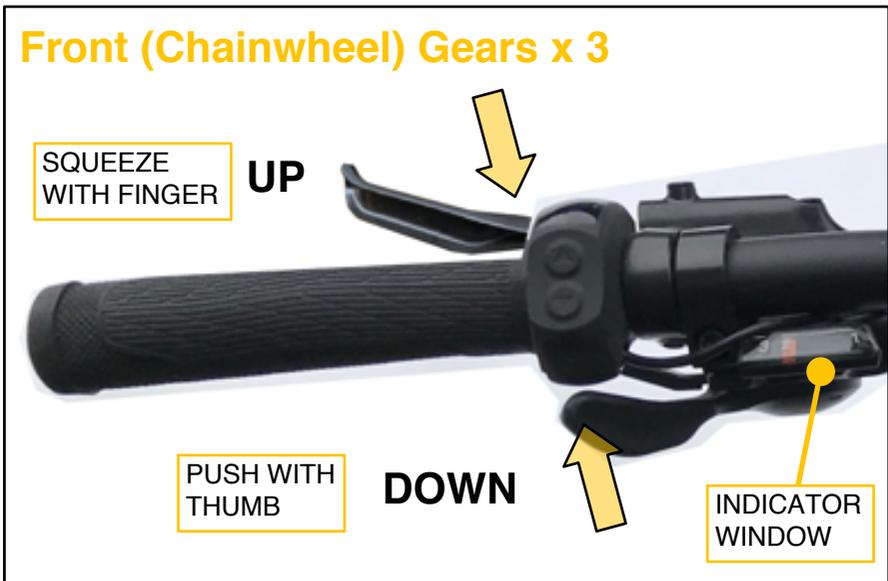
## Gears

Your BATRIBIKE is provided with 24 speed derailleur gears with twin lever gear changers. To change gear you use the right handlebar levers for the rear 8 speed and the left handlebar levers for the front 3 speed (chainwheel).

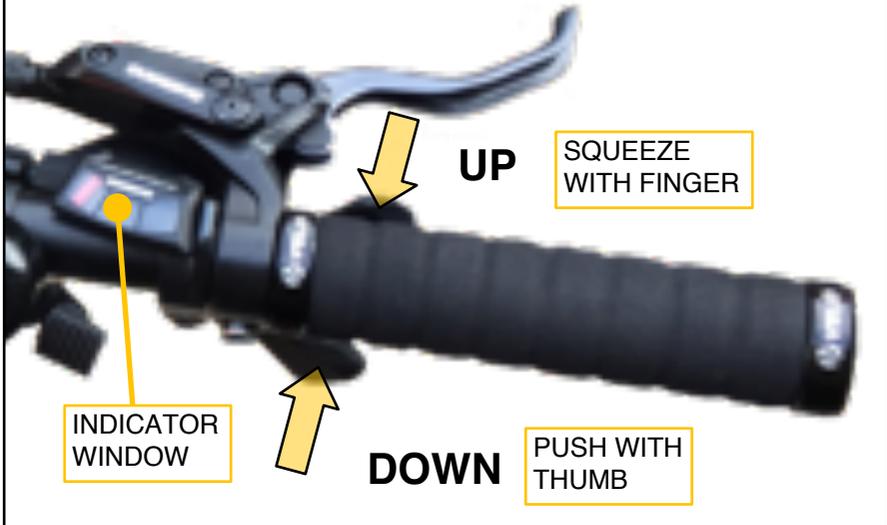
Gear number 1 is low for hills and rough terrain and gear 24 is high for normal road use. An indicator window shows the selected gear.

To increase the gear simply pull the front selectors with your finger. To decrease the gear push the rear selector lever with your thumb.

You must be pedalling as you change gears.



## Rear (Derailleur) Gears x 8



## Braking

To stop, cease pedalling and pull the brake levers. Also ensure that the throttle is not operated. Remember that the DELTA is equipped with powerful hydraulic brakes and will stop quickly. Braking will be less effective in wet conditions and your riding style should be adjusted accordingly.

## Bell

A bell is attached to the handlebars.

## Seat Height

The height of the saddle can be adjusted to suit the rider. If you do not feel confident with making these adjustments then your BATRIBIKE Dealer will be able to set up the bike initially.

The saddle height is adjusted by loosening the Quick Release seat post clamp and moving the post up or down as desired.

**Take care not to exceed the limit marked on the post.**

*If the clamp tension needs to be adjusted, then with the lever in the open position, tighten the Allen Bolt (5 mm) until finger tight. The final tightening is done by moving the lever to the closed position. Only small adjustments should be made and the tension checked. Repeat as necessary.*



The saddle can also be adjusted frontwards or backwards on its mount. Take care with all fasteners after adjustment to ensure that they are safely tightened to avoid movement and potential injury whilst riding.

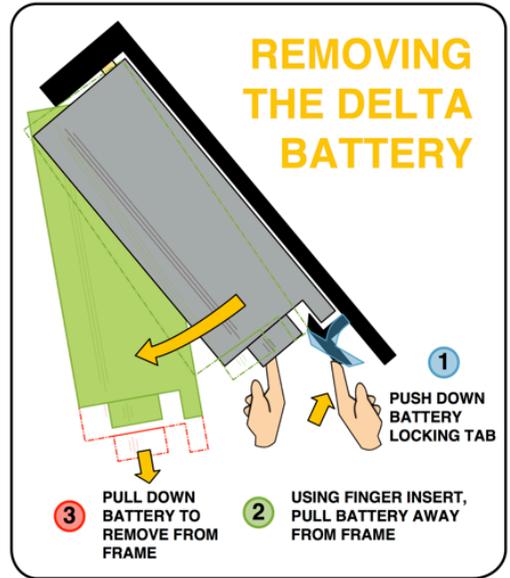


## Removing the Battery

To remove the battery, turn off at the handlebar display, unlock the battery using the key provided. Push the battery locking tab downwards away from the battery and using the finger insert pull the lower part of the battery downwards and angle the battery out of the frame.

## Refitting the Battery

To refit the battery, simply reverse the above procedure. Ensure that the locking tab is holding the battery in place within the frame aperture, then lock the battery using the key provided. Remove the key once locked.



**Note:** Battery must be locked in position during use.

Care must be taken to ensure battery is locked into position. The key can be removed in the both the locked and unlocked position.

Please consider the environment before disposing of any part of your Batribike Electric Bicycle.



**The Battery Pack contains Lithium and Special Consideration should be given to its safe disposal. Your Local Authority should have the necessary facilities in place.**



If you prefer you may take your original battery to BATRIBIKE for recycling.

**Never dispose of batteries in a fire or subject to puncture or crushing.**

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## MAINTAINANCE SCHEDULE

Maintaining your bicycle ensures you'll get the most out of every ride and out of the entire life of your BATRIBIKE electric bike. How much of your bike's maintenance you can do yourself will depend on your knowledge, skill, experience and whether you have the necessary tools for the job.

Beyond this manual, it is good to consult your BATRIBIKE dealer for advice if you are at all unsure about any of the procedures described. Normal maintenance is not covered under the warranty and this service may be chargeable.

### Before every ride

- Mechanical safety checks, (see notes on page 2). Use a fully charged battery. Visual inspection for damage.

### After every ride (or WEEKLY)

- Clean the bike, including chain rings and sprocket. Clean and lightly oil the chain and gears.
- This must be carried out after every ride in dusty, marine or winter conditions due to the salt laden atmosphere.

### Every 20 - 30 hours of riding (or MONTHLY if sooner)

- Squeeze the brakes and rock the bike to check for any looseness of the headset or brake mechanisms with each forward or backward movement. If any are loose, have your dealer check it.
- Lift the front wheel and turn handlebars left and right to check for tightness of steering. If tightness is detected it may be necessary to lubricate bearings and/or adjust the headset.
- Check and adjust the brakes, replace if worn out.
- Squeeze spokes in adjoining pairs between your thumb and index finger.  
They all should have the same tension. Have your dealer re-spoke or true the wheel if necessary.
- Check cables for rust, kinks and fraying, have your dealer replace them if necessary.
- Check wheel bearings for play and adjust/lubricate if necessary

## After 3,000 miles (5,000 km) (or YEARLY if sooner)

- General inspection

We recommend you arrange to have a thorough inspection of your bicycle by a BATRIBIKE dealer.

### Tyre Pressures

The tyres should be pumped up to within the range stated on the sidewall. This should be regularly checked as running with the correct pressures will ensure maximum range from the battery.

Recommended Tightening Torques			
Item	Torque	Item	Torque
Front Wheel	N/A *	Other Fasteners	
Rear Wheel	25 Nm	M4	2.1 Nm
Bottom Bracket	30 Nm	M5	4.2 Nm
Handlebar	15 Nm	M6	7.3 Nm
Saddle	15 Nm	M8	17.8 Nm
Brake Pads	5 Nm	M10	35.4 Nm

### Repairing a punctured tyre

If you have a punctured tyre, we recommend that you get a specialist to carry out the repairs. You can always of course consult a specialist and carry out the repairs on your own if you are confident that you have the necessary skills. As there are no electronic components on the front wheel, it's removal follows standard procedures as with normal bicycles.

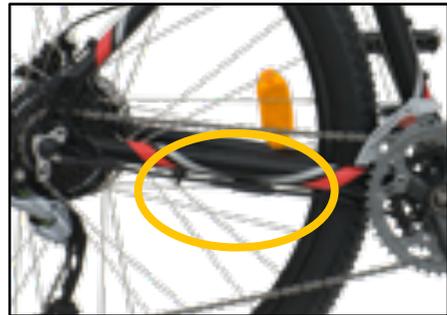
If you need to remove the rear wheel then the motor can be unplugged to aid disassembly. The plug is located on the right chain stay as shown.



Take care when re-assembling the plug to ensure that the two arrows are



aligned correctly. Remember to ensure that the cable is resecured to the frame upon re-assembly.



Be mindful of the assembly sequence of washers, nuts and spacers.

\* Since the DELTA models are equipped with a Quick Release spindle on the front wheel, removal for puncture repairs is simplified. It is essential that the tightness of this spindle lever is checked before every ride.

# WARRANTY CONDITIONS

The following warranty conditions are in addition to your legal rights.

## Requirements for Warranty

As the makers, we guarantee against possible material or construction defects. Provided the following conditions are satisfied :

- Please retain your receipt as this is your proof of purchase and entitlement to Warranty. The guarantee starts on the date of original purchase.
- Your new **BATRIBIKE** Electric Bicycle is guaranteed for 2 years from date of purchase.
- Additionally the Promovec motor is guaranteed for 3 years, and the frame for 5 years from date of purchase.



## Exclusions from Warranty

- When the bicycle is used negligently or suffers accidental damage.
- Damage ascribed to normal wear and tear.
- Poor maintenance, or modifications that no longer comply with regulations or original technical specifications.
- Damage due to external causes.
- The bicycle is put up for hire.
- The battery pack is used incorrectly or tampered with. This also applies during charging.
- Compensatory costs arising from damages or accidents.
- Cost incurred by loss of the bicycle's usage.



Brake blocks/pads, tyres, lights and cables etc. are considered as consumables and replacements are available from BATRIBIKE or may be obtained from your local cycle shop.

## In the event of a Warranty claim

- In the event of warranty repairs becoming necessary you should return your bicycle to your Authorised Batribike Dealer, (where you originally purchased your Batribike).
- Original defective parts that are sent to the manufacturer for assessment will be replaced by the same or equal value part.
- Delivery and collection charges are not included. These are borne by the owner.
- Batribike Limited exclusively makes the decision whether or not the warranty applies.

## Battery Warranty Terms & Conditions

1. Warranty is void if Warranty Label is removed or tampered with. \*\*
2. Owner must ensure that the battery is not left in a fully discharged state. \*\*
3. Battery must only be charged with the charger supplied. \*\*
4. Battery must be put on charge and charged fully at least once per calendar month, even if the bike is not used. \*\*
5. In the unlikely event of a battery failure, the battery must be returned to Batribike, via your Batribike dealer for testing. If upon testing it is found that the above conditions have not been met then the warranty will not apply and the cost of replacement and carriage will be payable by the Customer. If the battery is found to be defective and the warranty conditions have been met, then a replacement will be provided and the remaining term of the original warranty will apply. (The replacement may be a new or refurbished battery at the discretion of Batribike.)



### \*\* Important Notice

Inside our batteries there is a data recorder built in to the battery management system (BMS). This data recorder, when coupled to our computer software system, records usage information, including the following :-

- a) The total number of times the battery has been charged.
- b) The maximum interval between charges (Days).
- c) The number of days since the last charge.

This information will be used when deciding the validity of a warranty claim.

### Benefits of Battery Warranty Registration

In addition to the above Battery Warranty Terms, if you register your battery warranty with Promovec within 7 days of purchase, there will be a guarantee of at least 70% Battery Capacity remaining at the end of the three year warranty period. If the Warranty is not registered then a limit of 800 charge cycles will apply.

### Extended Battery Warranty (5 Years)

In addition, and for a one off fee payable within 90 days of initial bike purchase, the Battery Warranty can be extended to 5 years with at least 70% Battery Capacity remaining.

# DELTA - Specifications (SUBJECT TO CHANGE WITHOUT NOTICE)



## MOTOR

250W Rear Hub mounted 45Nm Promovec Motor with 3 year Warranty



## GEARS

24 Speed (8 x 3) microSHIFT Derailleur Gears and shifter



## BRAKES

Shimano hydraulic disc brakes front and rear



## WEIGHT of BIKE

17.8 kg (39.2 lbs) without battery  
19.9 kg (43.9 lbs) with Eco battery



## WEIGHT of BATTERY

Eco Battery 2.1 kg | 4.63 lbs  
Standard Battery 2.36 kg | 5.2 lbs  
Long Range Battery 2.44 kg | 5.38 lbs



## LOADING

Total -  
Rider & Luggage 120 kg | 18 st 12 lbs



## POWER LEVELS

Mini LED - 5 Levels (Power related)  
Connect+ app. - 5 Levels (select from Speed, Power or Distance related)



## CHARGE TIME

4 to 6 hours from flat  
<2A Charge Current



## LIGHTS

N/A



## DIMENSIONS 1

Overall - 175|182 cm | 71.7 ins  
Height - 104 cm | 40.9 ins  
Width - 69 cm | 27.2 ins



## DIMENSIONS 2

Saddle Ht MIN - 85/90 cm | 33.5/35 ins  
Saddle Ht MAX - 98/103 cm | 38/40 ins  
Crossbar MIN - 69/73 cm | 27/28.7 ins



## DIMENSIONS 3

Frame Size - 43/48 cm | 17/19 ins  
Wheel Size - 27.5 ins  
Wheelbase - 110/112 cm | 43/44 ins



## RANGE \*

Eco - 27-61 km | 17-38 miles  
Standard - 36-80 km | 22-50 miles  
Long Range - 45-100 km | 28-62 miles



## WARRANTY

Cycle Parts - 2 years  
Battery - 3 Years (Upgradeable to 5)  
Motor - 3 Years  
Frame - 5 Years



## BATTERY OPTIONS

Eco - 7.8 Ah | 280 Wh  
Standard - 10.4Ah | 375 Wh  
Long Range - 12.8 Ah | 460 Wh



## INCLUDED

RST Blaze suspension forks

\* Distances tested with 75 kg rider on level ground with no wind.



# BATRIBIKE®

## ELECTRIC BICYCLES

BATRIBIKE is a  
Registered Trademark  
of Batribike Limited

The Manufacturer:-

**Batribike Limited**  
Unit 4, Ingleby Grange  
Ingleby  
Lincolnshire  
LN1 2PQ UK

## CE - DECLARATION of CONFORMITY

Herewith we declare that the following models:-

**VISTA-S, VISTA-X, PENTA-S, PENTA-X,  
GAMMA-S, GAMMA-X, DELTA 43 / 48,  
DELTA Limited 43 / 48, DELTA PLUS 43 / 48**

*Based upon the electronics and frames from ProMovec in  
Denmark and assembled in Europe*

are in compliance with the following technical standards:-

**BS EN 14764 BS EN 15194**

Issued on:

**8th June 2020**

Signature



Steven Coulson  
Managing Director of Batribike Ltd.



[www.batribike.com](http://www.batribike.com)

BATRIBIKE® is a Registered Trade Mark of Batribike Limited

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Registered in England No. 11091599  
VAT Registration No. 283 3761 83

## SAFETY NOTICES

### Battery Safety



Battery charging should only be handled by persons aged 8 and above.

Persons with reduced physical, sensory, or mental abilities or lack of experience and knowledge should be supervised or instructed on the dangers and safe use of battery and charger.



Children must not play with batteries and chargers!

Cleaning and user maintenance must not be performed by unsupervised children.



See pages 6 and 7 for full battery care and charging.



See page 15 for battery disposal.

### Product Description

Your Batribike has been produced according to the guidelines in European standard EPAC EN 15194:2017 and the classification according to EN 17406

The frame is produced in aluminum, which provides a stiff and robust construction and low weight is maintained.

The motor is integrated in the back and the battery is mounted in the frame for optimal weight distribution.

The electric bicycle can also function as a regular bike.

www.batribike.com



incorporates Danish designed ( **Promovec** ) electronics & drive system



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**BATRIBIKE**<sup>®</sup>  
ELECTRIC BICYCLES



BATRIBIKE are  
Members of the  
Bicycle Association  
of Great Britain

# CONNECT+ CONTROL SYSTEM

# Owner Manual



**BATRIBIKE**<sup>®</sup>  
ELECTRIC BICYCLES

Quality Design and Build

---

Thank you for purchasing a **BATRIBIKE** Electric Bicycle

The **CONNECT+** control system fitted to your bicycle has been designed and developed by our Danish partner Promovec.

Your bicycle can be operated with just the handlebar mounted control / display or, to enhance your experience, you can access additional features via your smartphone\*.

You will need to download the app. either iOS or Android, please search for **Promovec Connect**.

\*If you choose to mount your smartphone on the handlebars you will need a suitable bicycle phone holder - *not supplied*.

For the bicycle functions of your **BATRIBIKE** Electric Bicycle please see separate manual.

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## Handlebar Control



# Handlebar Control Operation

## Switching On

To use under electric power, switch on at the battery if required, (bike model specific), then switch on by pressing and holding the POWER button on the handlebar unit until the display lights (blue).



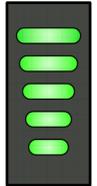
## Display LED Colours



The handlebar display utilises two different colour LEDs for different functions.

Battery Meter BLUE

Assistance Level GREEN



## Control Buttons



By means of the UP and DOWN buttons on the handlebar mounted display unit, the various functions of the power controller can be utilised.



There are 5 levels of pedal assistance available from the motor. Using the UP and DOWN buttons you can select from Level 1 (Lowest), to Level 5 (Highest). The motor will then be activated upon pedalling.

The GREEN LEDs will light when the UP and DOWN buttons are pressed indicating the assistance level.

The LEDs will then return to BLUE showing the battery meter, until pressed again.

For extended features see the section on using the app.



*assistance  
level 2  
selected*

## Assisted Walking Mode (6 km/h)

If your BATRIBIKE bicycle has a Walk Assist Mode (model specific) it is designed to propel the bike under power at a low speed of 6 km/h (4 MPH). Walk Assist is ideal to help you when pushing the bike up steep hills. It is not designed for prolonged use or whilst riding.

This feature only operates whilst the down button is pressed.



## Switching Off

To turn off the LED and the power to the bike, press and hold the POWER button for 2 seconds.

If the power is left on for an extended period and the bike is not used, then the power will automatically be turned off.

To fully turn off the power, switch off at the battery if required, (bike model specific).



## Bicycle Lights

If your BATRIBIKE Electric Bicycle is supplied with lights on the front and rear, then these are switched on by pressing and holding the UP button on the handlebar display.



To turn the lights off, again press and hold the UP button.

# Handlebar Battery Meter

## Battery Meter



The vertical row of BLUE LEDs show the charge remaining in the battery. The indicators will gradually go out as the battery power is used up. Refer to the table below for details.

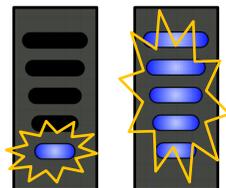
When the LEDs are GREEN they indicate assistance level.

BATTERY METER DISPLAYS THE CHARGE REMAINING IN THE BATTERY									
SYMBOL DISPLAYED					EMPTY				
						OR		First Light Flashes 4 Times	
70% to 100%	50% to 70%	30% to 50%	15% to 30%	0 to 15%	BATTERY IS EXHAUSTED AND SHOULD BE RECHARGED AS SOON AS POSSIBLE				
CHARGE REMAINING									

## TROUBLESHOOTING

### Diagnostic Error Messages

Initially the first LED in the battery indicator (blue) starts to flash as it finds a connection to the battery. When an error is detected all of the LED's will flash. The number of flashes determines the error code.



Number of Flashes	Error Type	Action Required
1	Motor Error	Check Motor Plug, if all OK Contact Dealer for Assistance
2	Controller Error	Contact Dealer for Assistance
3	Display Error	Contact Dealer for Assistance
4	Low Battery Voltage	Charge the Battery
5	Brake Sensor Error (if fitted)	Check brake lever returns fully and restart the system, if all OK Contact Dealer for Assistance
6	Speed Sensor Error	Contact Dealer for Assistance
7	Battery Error	Contact Dealer for Assistance
8	High Current or Overload	Contact Dealer for Assistance
9	Communication Error	Contact Dealer for Assistance
10	Battery Voltage too High	Contact Dealer for Assistance
11	Display Error	Contact Dealer for Assistance

## Extended Features - Using the App.

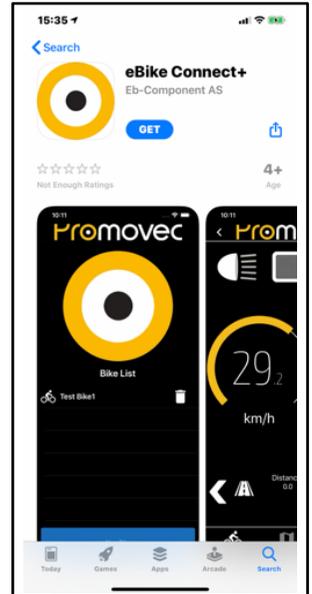
### Features

Connecting your smartphone to your BATRIBIKE Electric Bicycle via Bluetooth, using the Promovec app will give a range of additional features including

- Current Speed
- Trip Distance
- Different Driving Modes
- Battery Status

Additionally the phone can be used as a display to control your bike\*.

\*If you choose to mount your smartphone on the handlebars you will need a suitable bicycle phone holder - *not supplied*.



### Download the app.

You will need to download the app. either iOS or Android. Requires iOS 10.2 or later, or Requires Android 4.4 or later

Please search for **Promovec Connect**

Alternatively use these links

**iOS** - <https://apps.apple.com/dk/app/promovec-connect/id1458723615?l=da>

**Android** - <https://play.google.com/store/apps/details?id=com.ektos.e.bike.client>

## Connecting to Your Bike

Open the app and allow connection to Bluetooth.

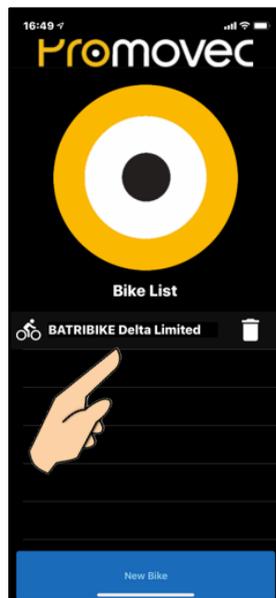
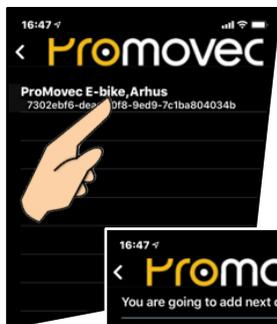
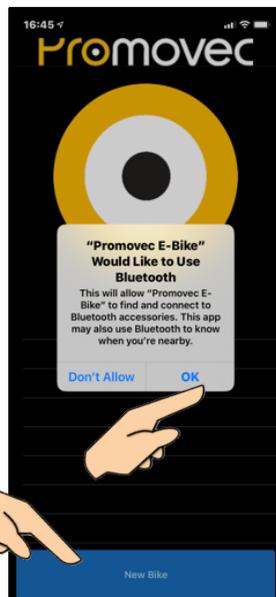
Switch on your bike using the handlebar display

Make sure any other nearby bikes with connect+ are switched off.

Press New Bike on your phone and the phone will search for your bike.

Select the located bike. You can now change the name of the bike to one you choose, before pressing ADD.

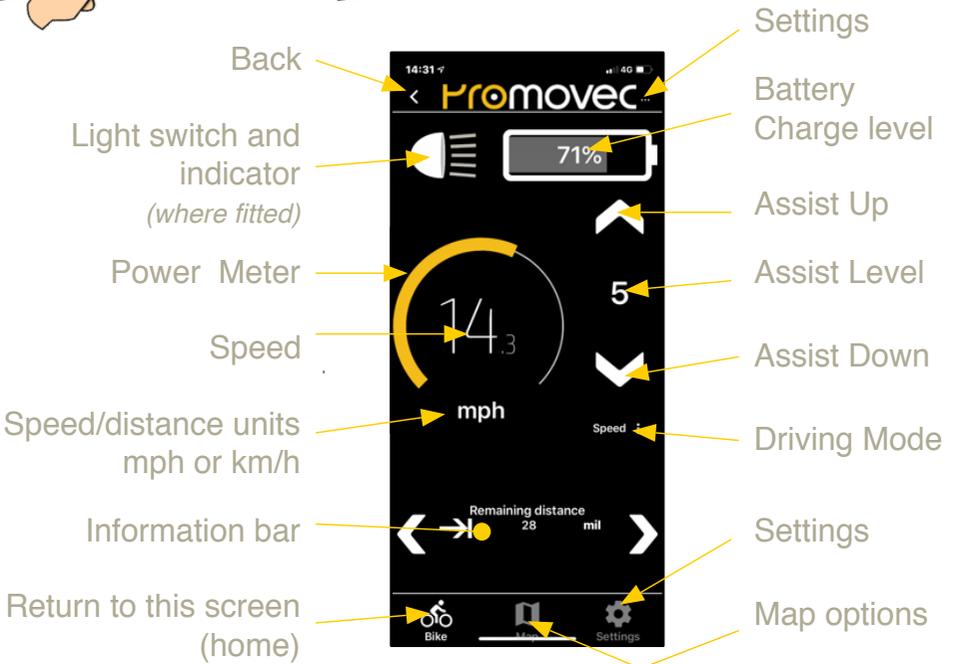
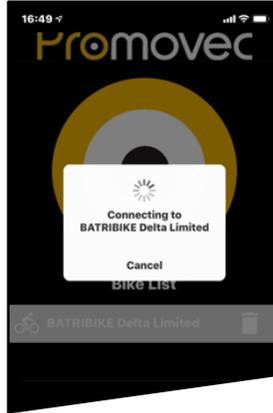
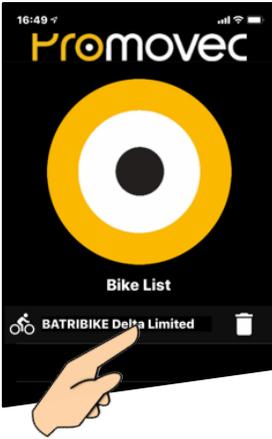
Your bike will now appear on your Bike List. (You can have more than one bike on your app.) To add another bike repeat the steps above.



## App. Display

Select your bike from the list.

The app. will connect to the selected bike. All the features on the app. are now available.



## Setting the units

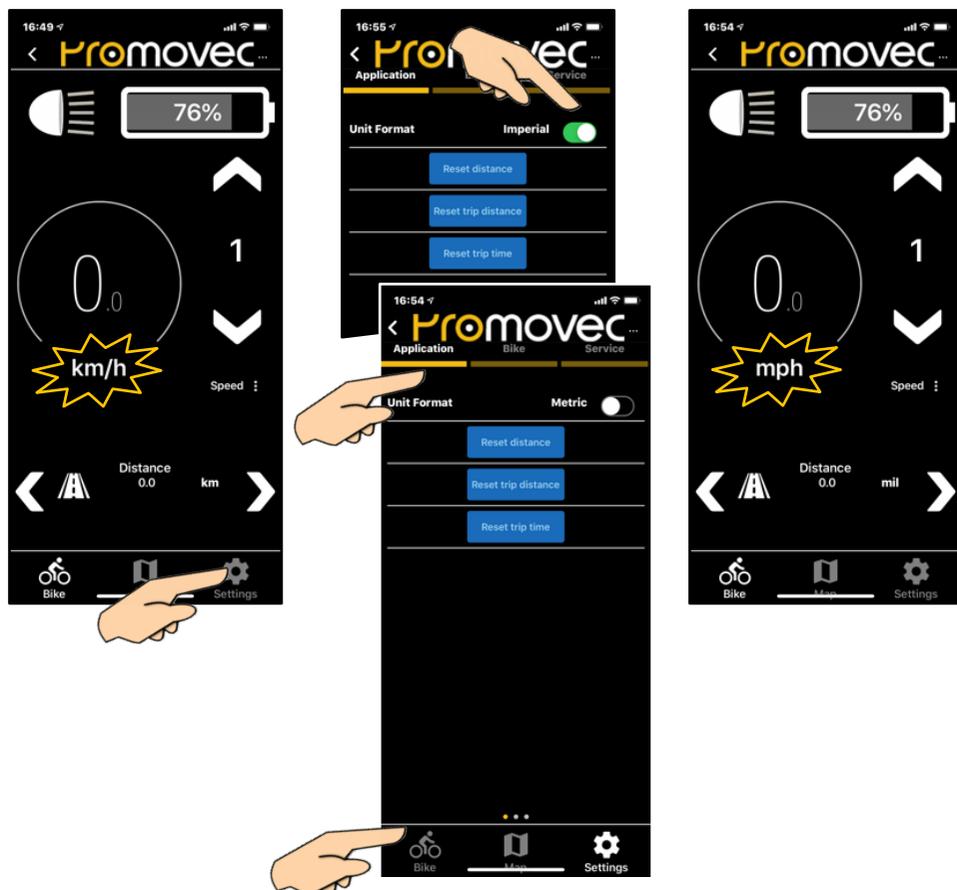
When you first connect to your bike the units will be set to metric (km and cm)

To change to Imperial units (mph and inches)  
- choose Settings, Application

Toggle the unit format button to select your choice.

Distances and trip time can also be reset on this screen.

The bike icon will return you to the main screen.



## Setting Wheel Size (Circumference)

To ensure that the speed, distance and battery distance remaining readouts are as accurate as possible it is important to have the wheel size (circumference) set to the tyre for your bike.

See page 23 for guide sizes.

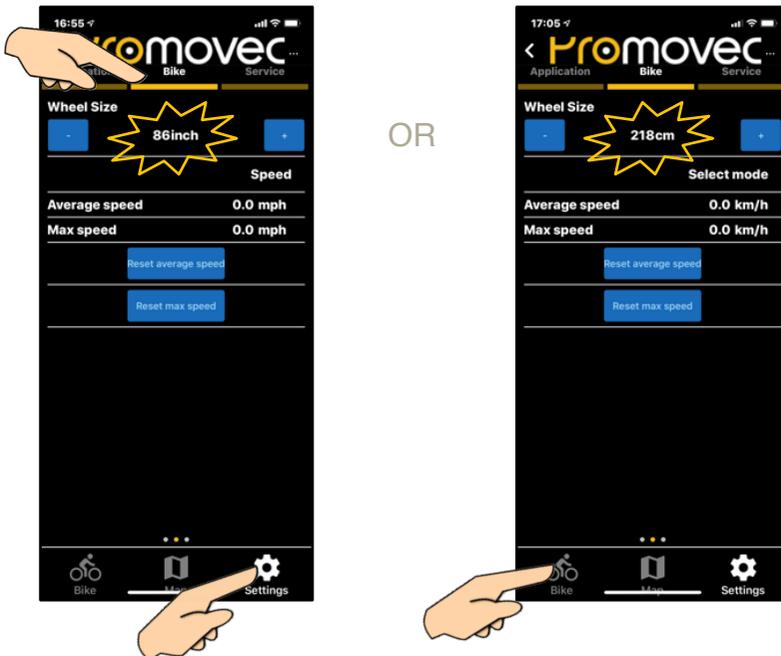
Choose settings and bike.

The size will appear as inches or cm depending on the units selected on page 11.

Use the + and - to change size.

The average speed and max speed recorded can also be reset on this screen.

The bike icon will return you to the main screen.



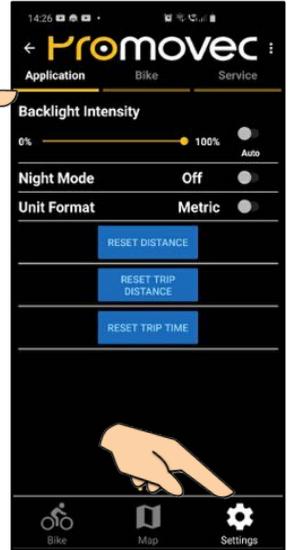
## Backlight - Android only

To set the Backlight Intensity - choose Settings, Application.

Use the slider or set to Auto.

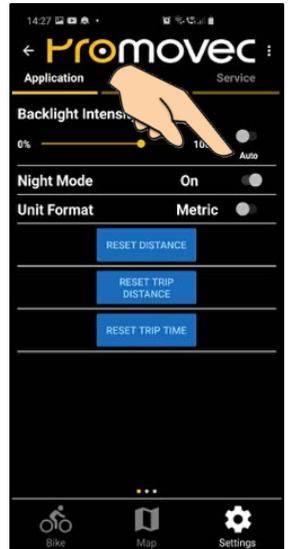
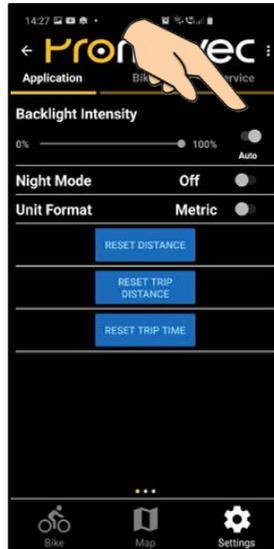
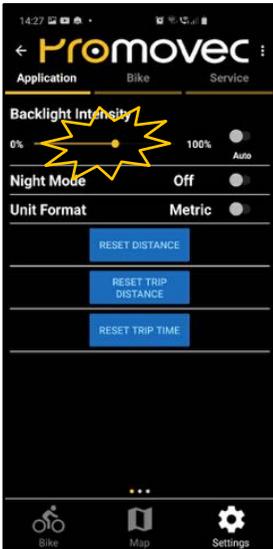
When using Auto the slider is grey.

Intensity is set by Night Mode which can be toggled on or off.



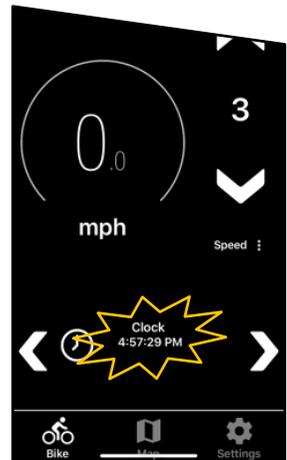
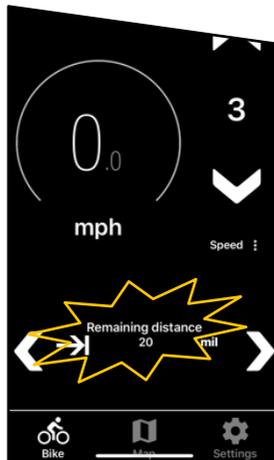
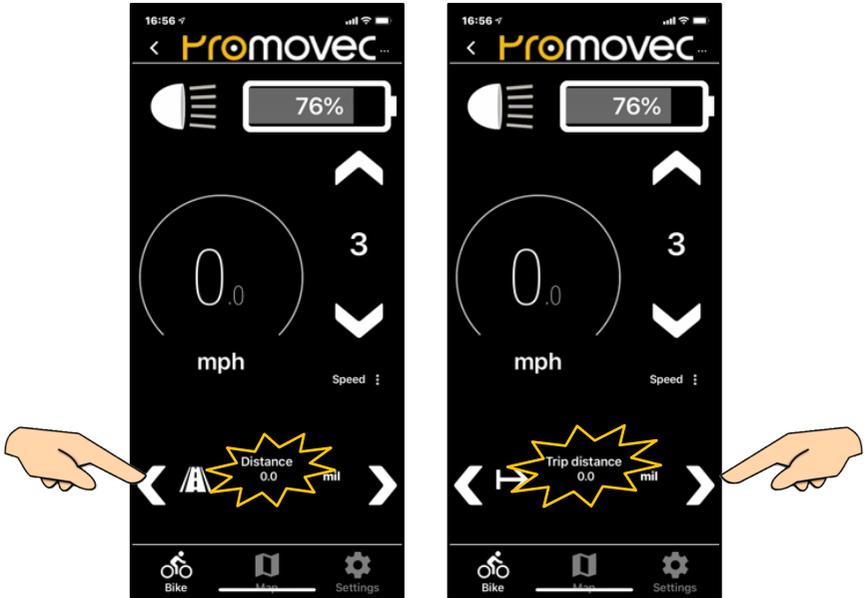
For iOS the intensity is set by the phones own brightness.

Use the phone settings to change this.



## Information Bar

Various distance and time information is available at the bottom of the display and is accessed by the left and right arrows.

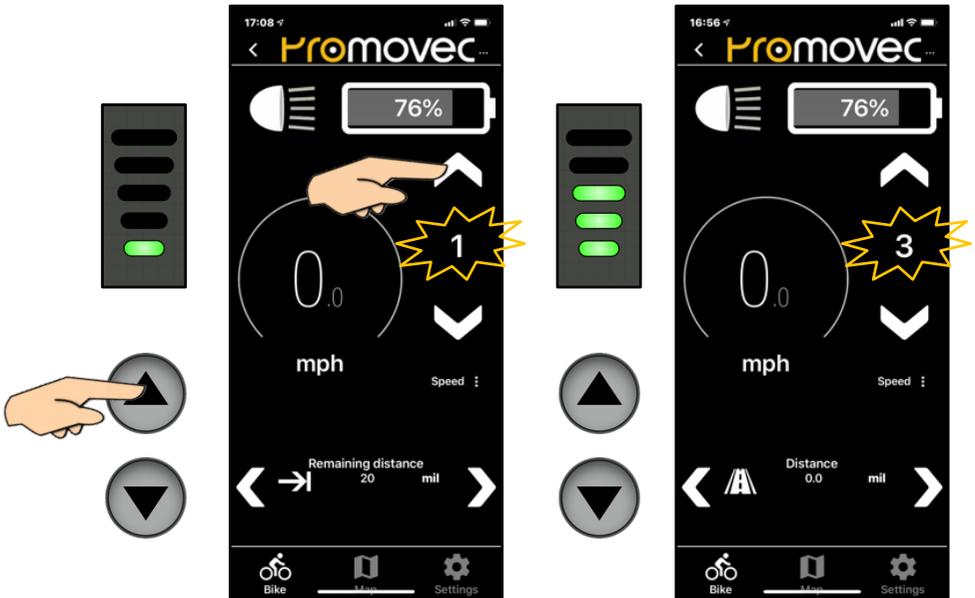


## Assist Levels

The assistance levels can be changed via the app. or the LED handlebar mounted display.

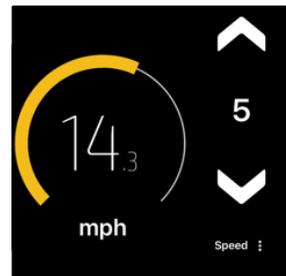
The higher number gives more assistance.

The number on the app. and the number of lights on the LED display will be the same.



## Power Meter

This shows the amount of power being drawn from the battery. (How hard your Batribike is working).



## Driving Mode

The app. allows you to change the way the power is delivered. There are different "driving modes" to select from dependant on the system\* installed on the bike. Speed, Eco / Normal or Set Distance.

### \*Speed Sensor System

*Assistance is activated by rotating the pedals.*

- Speed mode.
- ECO mode.
- Set distance.

### \*Torque Sensor System (Delta Plus)

*Assistance is activated by pressure on the pedals.*

- Normal mode.
- Set distance.

## Speed Mode - displays as Speed

*The help level is defined by a percentage of maximum speed.*

This provides adjustable SPEED in five selectable steps. Level 1 powers up to 6 mph, whilst level 5 powers up to 15 mph. Each level operates at up to full power, and power cuts out at the selected speed level. The rider can of course propel the bicycle faster than the cut off speed but this will be unassisted.

## Eco Mode / Normal Mode - displays as Power

*The help level is defined by best motor performance.*

The "Eco" mode has five selectable POWER levels. Level 1 gives 20% of the power, level 2 - 40% up to level 5, 100% power. Speed range is from 0 to 15 mph in all levels.

The "Eco" mode is also applied when using just the handlebar LED and not the app.

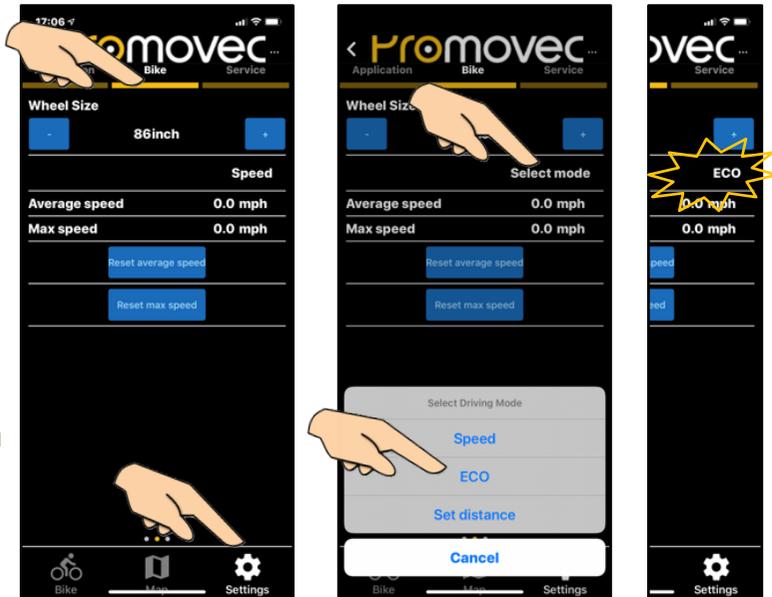
## Set Distance - displays as mil or km

*The desired distance is set and the help level is set by the battery's performance.*

The "Distance" mode evens out the use of the battery to give you assistance across your journey. When selected the assistance bar shows the advised distance available, you can change this using the up and down arrows. See page 18.

Choose

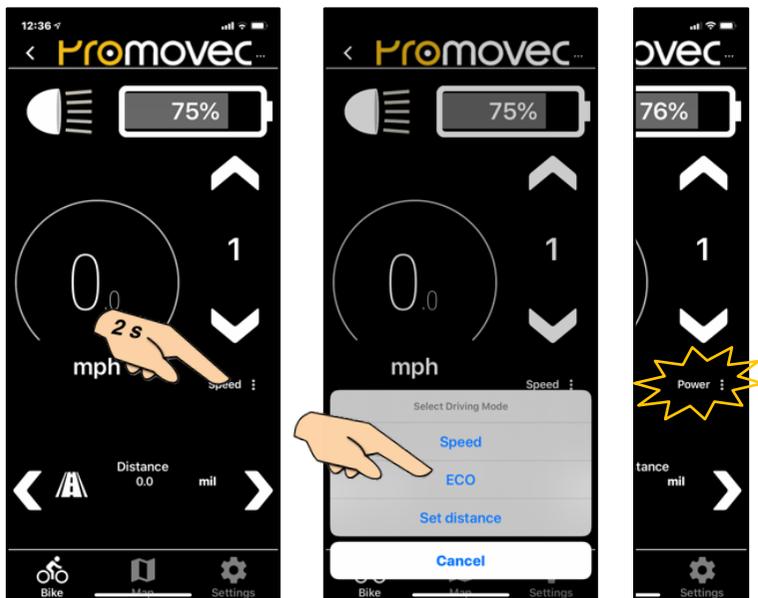
- Settings
- Bike
- Select mode
- Pop-up will auto close
- Bike Icon
- Mode shown on right



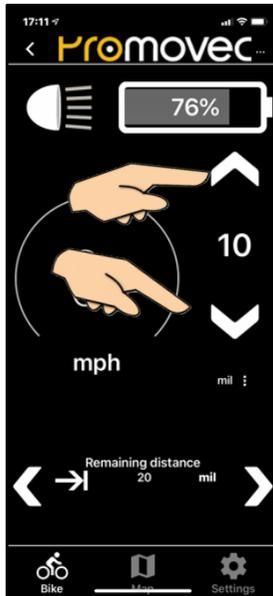
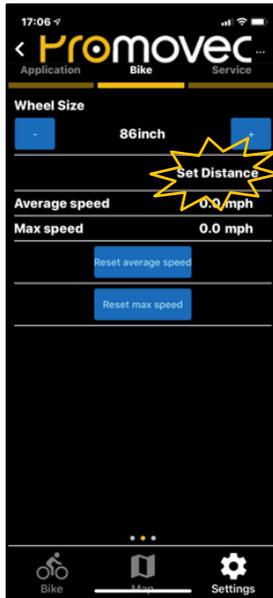
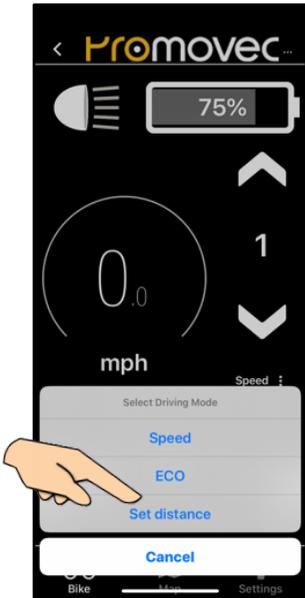
OR

Choose

- Mode
- Select mode
- Pop-up will auto close
- Mode shown on right



# Set Distance



When the Set Distance mode is chosen this will show as either mil (miles) or km in the Driving Mode area of the screen.

The distance of the journey can be set using the up and down arrows on the display to a maximum of 99km (61 miles).

If the Set Distance is the same as or less than the distance remaining in the battery the rider will gain maximum assistance from the motor.

If the Set Distance is greater than the remaining distance the controller will reduce the amount of assistance so that the whole journey can be assisted.

If there is a large difference between the Remaining distance and the Set Distance the rider will get only minimal assistance.

The up and down buttons on the handlebar display can be used as a temporary manual override to the assistance level set by the bike. This will work for a short time before the app. and the controller work together to maintain the assist level required to complete the journey.

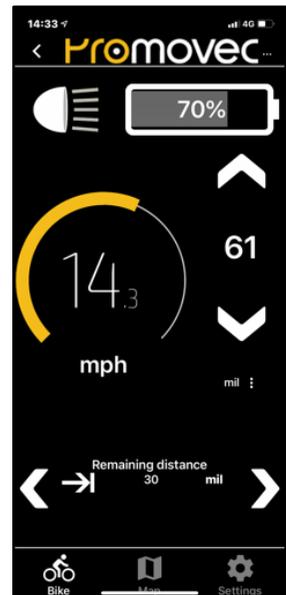


*Left:*

A small amount of power being used - set by the app.

*Right:*

Using the manual override to briefly boost the assistance.



Weather and terrain will affect the performance of an electric bike. In hilly areas, in a strong headwind, or when the bike is heavily loaded, there will be a significant increase in the power used from the battery and hence the range will decrease accordingly. A lightly loaded bike will achieve higher performance levels.

### No Assistance - Normal Pedal Bicycle

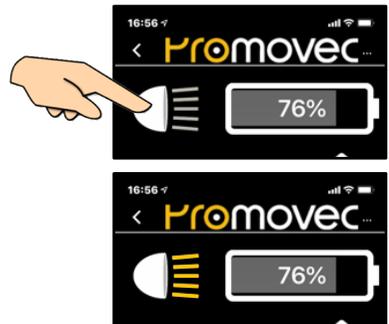
In Speed and Eco modes the assistance level can be set to ZERO, then the motor will not be turned on. Your BATRIBIKE will now act and feel like a normal bicycle. The app will still record your distance and trip time.



### Light - where fitted

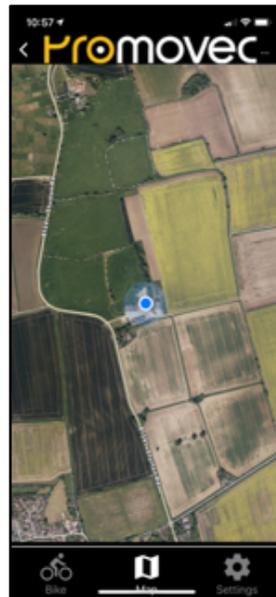
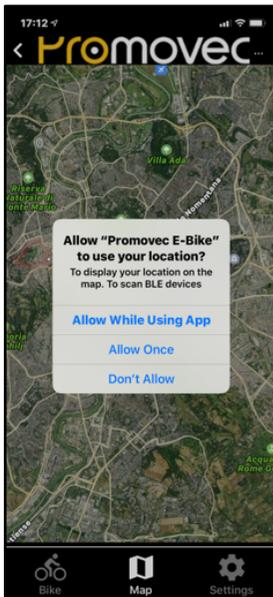
The lights on the bike can be turned on or off using the light icon.

The lights can also be accessed via the handlebar unit (see page 5).



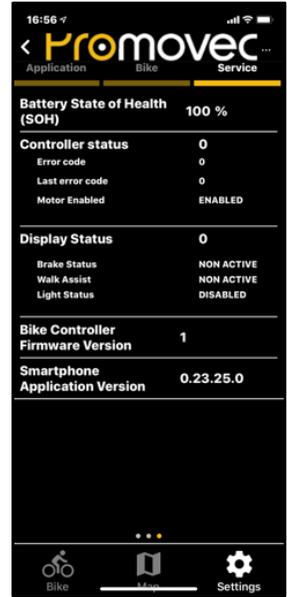
## Map

The map feature can display your location.



## Service Tab

The Service Tab displays any error codes and the Battery State of Health.



Please consider the environment before disposing of any part of your Batribike Electric Bicycle.



**The Battery Pack contains Lithium and Special Consideration should be given to its safe disposal. Your Local Authority should have the necessary facilities in place.**



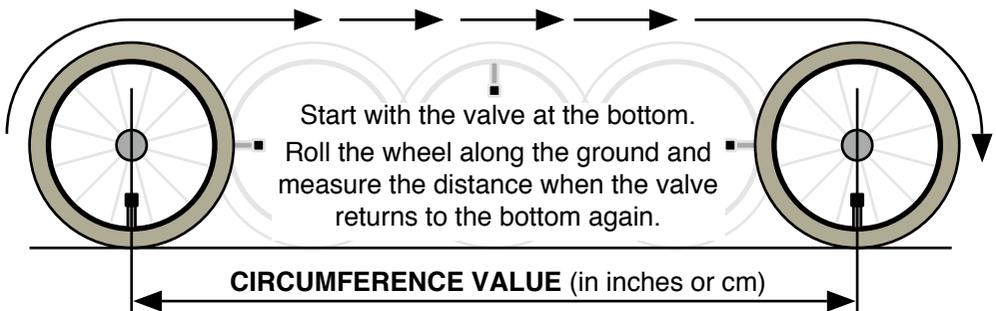
If you prefer you may take your original battery to BATRIBIKE for recycling.

**Never dispose of batteries in a fire or subject to puncture or crushing.**

Circumference Settings for BATRIBIKE Models with Standard Tyres fitted		
MODEL	TYRE SIZE (Inches) STANDARD TYRE DESCRIPTION	VALUE
VISTA	28 x 1.60 <i>Schwalbe 42-622 Spicer</i>	86in / 218cm
GAMMA	28 x 1.60 <i>Schwalbe 42-622 Silentio</i>	86in / 218cm
DELTA	27.5 x 2.25 <i>Tough Tom/</i> <i>Schwalbe 57-584 Rapid Rob</i>	86in / 218cm

### Measuring the Circumference

If you have a non-standard tyre fitment you can determine the value to use by measuring the circumference as follows:-



www.batribike.com



Batribike Limited  
Unit 4, Ingleby Grange  
Ingleby  
Lincoln  
LN1 2PQ

Phone: 01427 787774  
E-mail: support@batribike.com

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**ELECTRIC BICYCLES**



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