



AMPERE

ELECTRIC BIKES

User Manual

Alter / Mode

Folding Electric Bikes



www.ampereelectric.co.uk

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This manual should be considered a permanent part of the electric bike toolkit and should be passed on to the next owner.

An online copy is available at www.ampereelectric.co.uk/manuals

Warranty terms

Our Ampere warranty is clear and simple:

Main parts have a warranty of one year. This covers mechanical and electrical parts: including frame, forks, seat, motor, controller, battery and charger.

The warranty is subject to proper care for and reasonable use of the e-bike. Components such as bulbs, brake pads, inner tubes, tyres, chain, cables, etc. are regarded as consumables. When replacements are required these can be purchased from enquiries@ampereelectric.co.uk or your local dealer.

Returns Policy (UK)

We hope you will be pleased with your purchase. Should you wish to return the product bought direct from us we will be happy to refund or exchange a product provided it is in perfect condition fully and with the original packaging. Ampere products purchased from a retailer should be returned to the retailer.

Returns should be made within a reasonable time (usually 14 days) and in original, undamaged packaging. If we find that the product has not been returned to us in fully resalable condition, we reserve the right to refuse a refund on the item, or deduct a reasonable amount of the original selling price from the refund.

Any refund will cover the cost of the goods, but will exclude the non-refundable delivery charge. The cost and risk of returning goods is the responsibility of the customer. The customer should arrange shipping back to Ampere and ensure that any parcel is adequately insured.

Faulty Goods

Faulty goods notified to us WITHIN 14 days of delivery will be collected, repaired or replaced, and delivered free of charge. Note: At our discretion we may decide to issue a full refund instead of providing a repair or replacement.

Faulty goods notified to us AFTER 14 days and within the warranty period are to be returned to Ampere at the expense and risk of the customer. The customer should arrange their own shipping back to Ampere and ensure that any parcel sent to us is adequately insured. Goods that are repaired or replaced under warranty will be re-delivered free of charge.

Note: At our discretion we may decide to issue a refund instead of providing a repair or replacement.

Terms and Conditions

Refunds are dependent on the condition of the goods received back. Damaged or incomplete goods will not be refunded in full. Goods damaged as a result of misuse will be subject to a repair and redelivery charge. The customer will be advised of all chargeable repairs before such work commences. Repairs or replacements will be made free of charge within the warranty period only where the fault is not caused by misuse of the product or through normal wear and tear.

Parts and Servicing

We provide one year's return to base warranty on all key electrical parts: motors, batteries and specialist components, subject to proper care, and reasonable use of the e-bikes. We also stock specialist spare parts and batteries so you will always be able to maintain your e-bike and keep it in tip-top condition.

Specialist parts can be ordered by contacting enquires@ampereelectric.co.uk. Other parts can be purchased at your local bike shop. For technical support please send details to this email address.

Included in the Box



- **Electric Bike**
- **Charger**
- **Manual**
- **Battery**
- **Pedals**
- **Keys**

Assembly

Your e-bike comes 95% assembled. To complete the assembly please insert the upper part of the folding stem into the lower part of the folding stem whilst the stem is folded down. You will also need to attach the pedals. To do this, instructions with diagrams are set out below.

If you are having difficulty assembling the e-bike, please call your retailer for assistance. Further help may be available on our website where we publish FAQs or email us at enquiries@amperelectric.co.uk

Please note – The pictures may vary from the actual product; however, the process of assembly will remain the same.

Installing the Upper Stem to the Lower Stem

1. Insert the upper part of the stem into the lower part of the stem shown in image 1 below. Then tighten the quick release lever to secure.

Image 1 (lower part)



Image 2 (Upper part)



Image 3



Quick release lever

Assembling the pedals

- Each of the 2 pedals is marked on the inside to identify right (R) and left (L).



- To connect the pedals to the e-bike, place the left pedal into the left pedal arm and the right pedal into the right pedal arm (left and right directions are determined by sitting on the e-bike). Tighten by turning the pedals toward the front wheel using a 15mm spanner.
- The right pedal is attached on the same side as the chain. Make sure you check the pedals are tight and secure before riding.



- We advise you to check all bolts are correctly tightened before the bike is used for the first time. If you have any questions relating to this, please contact your dealer or email us at enquiries@amperelectric.co.uk

Regular checks

Please check that: -

- ♦ the quick release clamping lever on the seat post is secure,
- ♦ the brakes are working correctly,
- ♦ the tyre pressure is correct – If the tyres need pumping up, attach a bike pump to the valve (shown in the photo below) and inflate to 40 – 50 PSI.



Safe Riding

Before each ride, check that all bolts are tight, the battery has sufficient charge for your planned journey, the charging port is covered, your tyres are correctly inflated, both your brakes are working and your front and rear lights are working correctly.



Register your warranty

To register your warranty, go to www.amperelectric.co.uk/register-warranty/ or scan the QR code below.



To register your warranty, you will need to know your frame serial number.

The frame serial number is located on the headtube of the frame (near the front light) it normally begins with the Letters **DL**.



Limited time offer - your feedback through Trustpilot



Extend your standard 12-month warranty by an extra 30 days when you complete a Trustpilot review within 7 days of your purchase date.

All you need to do is scan the QR code or follow the simple steps below:



1. Click on the leave a Trustpilot review button on the warranty registration page.
2. Leave your review on Trustpilot.
3. Click the box saying "I have left a trust pilot review".
4. Enter your username and the date you left the review.
5. Submit your warranty registration.

Once you have completed the review and submitted your warranty registration, you will be sent an email to confirm your warranty is active.

Charging the battery

The e-bike is supplied with a removable, rechargeable lithium-ion battery. Only use the charger provided or an official charger supplied by Ampere.

Fully charge the battery before using the e-bike for the first time.

In order to prolong the life of the battery, we recommend that the battery is charged as often as possible.

How to charge the battery

1. Plug the charger into a socket with the power switch turned off, then plug the opposite end into the battery charging port. Once connected correctly, turn the socket on and the light on the charger should appear red.
2. The light will turn green once the battery is fully charged.

Charger light Red – battery is charging

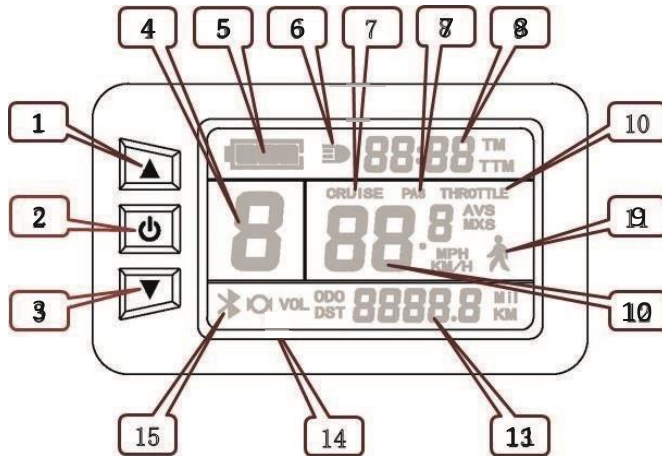
Charger light Green – charging is complete

3. **Do not switch the e-bike on when charging.**
4. Remember to cover the charge port after charging.
5. In the unlikely event that the battery overheats or emits strange odours, please contact your dealer as soon as possible.

KT-LCD7 E-BIKE DISPLAY USER GUIDE

Your new Ampere Electric Bike is fitted with the KT-LCD7 display. This guide will help you to use the display correctly and benefit from its features.

FUNCTIONS AND DISPLAY

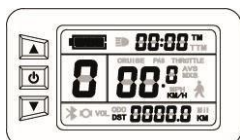


1		UP button	10	KM/H	Riding speed (metric)
2		POWER / ENTER button		MPH	Riding speed (imperial)
3		DOWN button		MXS	MAX speed
4	ASSIST	Pas level	11	AVS	Average speed
5		Battery capacity indicator		KM	Distance (metric)
6		Backlight and headlights		MIL	Distance (imperial)
7	PAS	Power-assisted function		DST	Trip distance
8	TM	Single trip meter		ODO	Total distance
	TTM	Total trip meter	VOL	Battery voltage	
9		4MPH walk assist			

1. FUNCTIONS AND DISPLAY ON/OFF

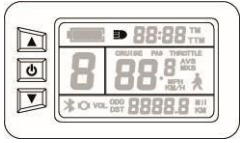
Hold button to turn the power ON, and hold button for a second time to turn the power OFF. When the motor stops driving and when the E-bike is not used for 5 consecutive minutes, it will automatically shut down and turn off the power supply.



2. DISPLAY 1



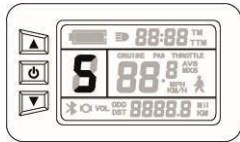
When turning the bike on, display 1 will appear automatically.



3. TURNING ON BACKLIGHT AND HEADLIGHT



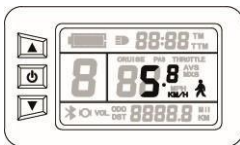
Press & hold  button to turn on the screen backlight and headlight. Press & hold  button again to turn off the LCD backlight and the bike front light. If you have a rear light the power button may be on the light itself or if the light is built into the battery, there is a button in the middle of the lens that turns the light on and off.



4. PAS (PEDAL ASSISTANCE) CONTROLLER



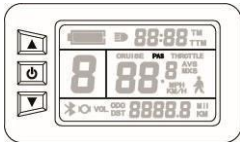
Press  or  button to switch between 0-5 levels of assistance. Level 0 is riding the bike without any motor assistance. Level 1 is for the minimum power, level 5 is for the highest power.

5. WALK ASSIST (4MPH)



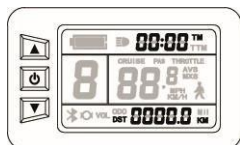
Press & hold  button and you will see a  flashing in the LCD display. This is the walk assist mode. Your bike will now move forward at 4mph. Release the button to stop the function.





6. PAS DISPLAY



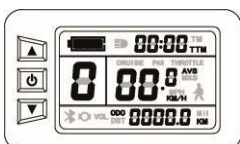
When power-assisted riding, PAS display will appear on your display screen.


7. DISPLAY AND DELETE OF SINGLE DATA



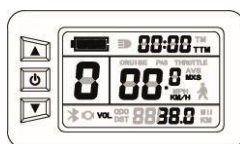
After power has been on for 5 seconds, press & hold  and  buttons at the same time, single trip riding time (TM) and single trip distance (DST) will flash. Press  button shortly to reset this back to 0. Press & hold  to return to main menu.


8. DISPLAY 2



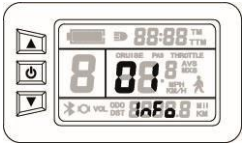
Press the  button in display 1 to enter display 2. This will show you average speed.

9. DISPLAY 3



Press the  button again to enter display 3. This will show your max speed achieved.

10. ERROR CODE DISPLAY



Error Code Definition

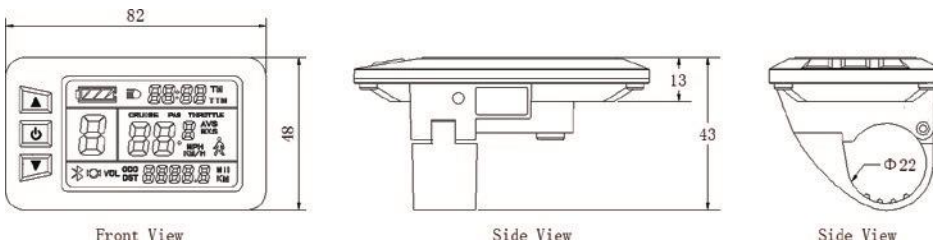
- 01_info** Throttle Abnormality
- 03_info** Motor hall signal Abnormality
- 04_info** Torque sensor signal Abnormality
- 05_info** Axis speed sensor Abnormality
- 06_info** Motor or controller has short circuit Abnormality

Control system failures will display (flashing) fault codes. Once the fault was removed, it automatically disappears from the fault code display interface.

If an error code is displayed, please contact your dealer or Ampere Electric Bikes.

OUTLINE DRAWINGS AND DIMENSIONS

1. Dimensions of main instrument body



Care and Maintenance

Servicing

1. Spokes – Spokes should be tensioned / adjusted every 300 miles, Failure to do so will result in broken spokes and potential damage to the wheel rim. Please contact your dealer to organise this.
2. Full Service – Your Ebike should be Serviced every 6 months. This is Even if the bike has not been used for long periods of time.

Cleaning your e-bike

To clean your e-bike either use a recommend e-bike cleaner or warm soapy water. Once you have finished washing your e-bike make sure you dry it with a dry, soft cloth. Try to keep the mechanical parts lubricated after every wash. Your e-bike will work more efficiently and make riding more enjoyable if the e-bike is cared for. Please visit your local bike shop for a suitable cleaning or maintenance products.

E-bike storage

1. Avoid leaving your e-bike in the rain for long periods of time, or in damp conditions: always store in a dry place. If the e-bike does become wet always dry with a dry, soft cloth when you have finished using it.
2. Avoid leaving your e-bike in direct sunlight for long periods of time, this can cause the metal to get extremely hot and electrical components to overheat causing them to fail. Try to find shade or cover.
3. If you are storing the e-bike for long periods of time remove the battery and store it separately at temperatures between 15 °C (59 °F) and 25 °C (77 °F) in a dry area. A cupboard under the stairs is a good example.
4. Keep the battery fully charged when not in use, this will help increase the life of the battery.

Battery information

1. Do not charge at temperatures below 0 °C (32 °F)
2. Switch off battery before charging. (If the battery has a switch on it).
3. Batteries can be charged on or off the e-bike.
4. Charge your battery on a flat solid surface in an area that allows airflow.
5. Do not cover the battery or charger whilst charging.
6. Only use a charger supplied by Ampere.

Modifications

Do not attempt to modify, repair or replace any of the electrical parts on your e-bike. This will invalidate your warranty. Any repair work must be completed by an approved repair centre. Please visit your local dealer or contact enquiries@ampereelectric.co.uk to find your nearest repair centre.

Notes



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