

# **VelectriX**



Instruction Manual: VelectriX Ascent+ 29 MTB

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## Safe Riding Recommendations

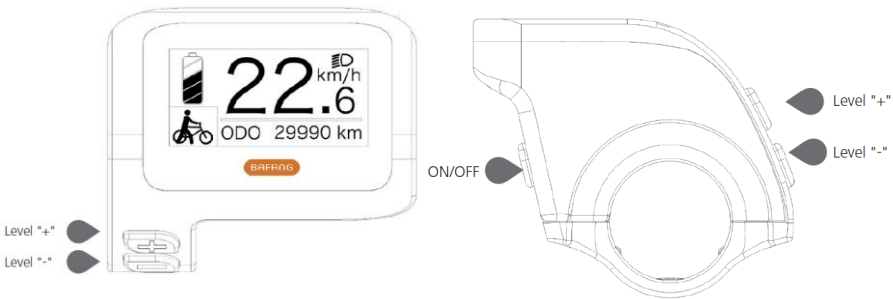
1. Please ensure you are familiar with and follow all traffic laws and regulations for your state. Please remember you may need to review these when travelling interstate.
2. Always wear a helmet when riding your bike.
3. Don't lend your bike to anyone who is unfamiliar with it.
4. As with all bikes it is important that you stay within safe limits and speeds. If you feel you are travelling too quickly for the road conditions, then slow down!! High speeds will increase risk of injury in the event of an accident.
5. Please read and become familiar with the "Pre-Ride Checklist" in this manual before riding your bike.
6. Switch the lights on your bike on when riding at all times of the day or night. If your bike doesn't have lights fitted as standard, it is recommended that you purchase them and fit before riding.
7. Your VelectriX bike must be returned to your servicing dealer after 250kms or 6 weeks from date of purchase, whichever comes first, to re-tension the spokes. Spokes should then be re-tensioned every 1500kms.

## Pre-Ride Checklist






1. Check your bike for any loose nuts, bolts or fixings.
2. Check tyre pressures on your bike are correct. Please always refer to the tyre manufactures suggested levels on the side of the tyre. The following can be used as a guide only: Ascent+ 29 (30-50psi)
3. Check the tyres on your bike for any visible damage, wear and tear or bald spots.
4. Check that the brake levers have been installed correctly on your bike. The left hand brake lever should operate the rear brake and the right hand brake lever should operate the front brakes.
5. Check the brakes are working effectively to stop your bike and the power from the motor halts when the brakes are on.
6. Check that your bike is fitted with a working bell and reflectors.
7. Check that the wheel nuts or quick release skewers on your bike are tight.
8. Check that the electronic functions on your bike are working.
9. Check that the handlebars and stem are tightened.
10. Check that all bags, baskets, boxes, etc. are securely fastened.
11. Check that your battery has sufficient charge for your ride.

## LCD Display and Controls


Your electric bike is equipped with a LCD display, mounted on the left side of the handlebar. The display will show the battery level capacity, speed, odometer, trip meter, power assistance level, light function and walk assist function.




### Turn On The LCD Display

There are three buttons on the display unit: Power and plus and minus buttons   . To turn the display unit on, press and hold the power button  for 2 seconds. Press and hold the power button  again to turn the display off.



### Turn The Lights On/Off (if lights are fitted as standard)

Press & hold the plus button  button for 2 seconds. Do the same to switch the lights off.




## Walk Assist Mode

Press and hold the minus button  and the bike will be powered to 6kph walking speed. Simply release the button to stop, this is a handy function for walking with the bike up steep inclines.

## Riding With Pedal Assisted Power

There are 5 pedal assist settings on this bike, level 1 providing the lowest level of assisted power and level 5 the highest. Simply push the plus or minus buttons   to change between the levels. Pedal assist does not work in level 0 (zero).

## Odometer & Trip Meter

You can choose to display either the odometer or the trip meter by pressing the power button  once. To “zero” the trip meter, hold the power & minus buttons together  .

## Error Codes

Should the bike have an electrical fault, an “error code” will appear on the display. If this occurs, please contact your local VelectriX dealer, who will be able to deal with the issue for you. Please do not attempt to fix any problems without first contacting your VelectriX dealer.

## Battery Instructions

To turn the battery ON/OFF, you should remove the battery from the bike and press the ON/OFF button underneath the battery case (Pic 1). You do not have to turn the battery OFF after every ride, only when the bike is not being used for long periods of time.

This bike is supplied with a set of keys, which are needed to lock/unlock the battery from the bike. The lock is located at the top of the battery on the left hand side of the bike. Simply turn left or right to lock/unlock. To remove the battery, unlock the battery and slide the battery to the left hand side. The battery cradle will remain in place on the bike. When reattaching the battery make sure to lock the battery to avoid unnecessary power failures or damage.

You can charge the battery on or off the bike. Plug the battery charger (supplied with this bike) into the charging port, which is positioned at the bottom of the battery cradle on the left side ( Pic 2). Once connected to the battery the charger can then be turned on at the power socket. A GREEN light will indicate when the battery is fully charged. Max charge time is 4 hours.

Pic 1



Pic 2



## The Battery Charger

ONLY use the battery charger supplied with this bike.



## Battery Care

- The battery should be charged under dry conditions and at room temperature.
- Do not store your battery at temperatures below -10 °C & above 60 °C
- If you plan to store your battery for long periods (more than 6 weeks) then store in a dry location, ideally at a temperature between 0 and 20 °C. Being completely charged or completely discharged is not advisable for lengthy periods of storage (no use). The ideal charge status for lengthy periods of storage is 30-60% or 2 or 3 LEDs on the battery indicator
- For transport, the battery should be removed from the bike
- Do not use a high pressure/jet hose to clean the battery, instead use a damp cloth.



## Maintenance

1. Your VelectriX bike should be returned to your servicing dealer for servicing and a thorough inspection once every 9 months or 1500kms, whichever comes first. Excluding the electronics, motor, battery and wiring, your VelectriX bike is a normal bike, with normal components. Your dealer will be able to explain to you the general care and maintenance required for the components of your bike.
2. Once a month lubricate all pivot points on your derailleur and derailleur pulleys with suitable chain lube.
3. You can clean your bike with warm soapy water, however, please do not submerge any electrical components or use a high pressure hose. You can wipe dry the bike with a cloth.

## Warranty

All VelectriX bikes are covered by the following warranty and conditions of use:

<b>Battery</b>	2 years
<b>Motor</b>	2 years
<b>Frame</b>	5 years
<b>Other Components</b>	1 year (excluding consumables: cables, tyres, tubes, hand grips).

- The warranty is only valid for the first owner and is not transferrable.
- The warranty commences from the date of purchase and proof of purchase must be provided to cover any warranty parts.
- All commercial use is excluded.
- All Accidental damage is excluded.
- All damage caused from misuse is excluded.
- All repairs must be completed by a VelectriX dealer.
- The bike must be serviced every 1500kms or every 9 months, whichever the sooner.
- Please visit [www.velectrix.com.au/warranty](http://www.velectrix.com.au/warranty) to view the full VelectriX warranty document

## Contact Details

If you have any questions, concerns or technical issues with any VelectriX product please contact your VelectriX dealer immediately.

### Dealer Name:

<b>Dealer</b>	
<b>Contact Number</b>	
<b>Address</b>	
<b>Sales Person</b>	
<b>Sales Date</b>	

### VelectriX Australian Service Centre Contact Details:

**VelectriX Pty Ltd**

**Phone:** 1300 530 031

**Visit:** 10 Capital Place, Birtinya, Qld, 4575

**Website:** [www.velectrix.com.au](http://www.velectrix.com.au)

**Email:** [store@velectrix.com.au](mailto:store@velectrix.com.au)

## Service Log

Date	Km	Notes
Next Service Due	Date: / /	OR Km

Date	Km	Notes
Next Service Due	Date: / /	OR Km

Date	Km	Notes
Next Service Due	Date: / /	OR Km

Date	Km	Notes
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Next Service Due	Date: / /	OR Km

## Model Specification

### VelectriX Ascent+ 29 MTB

<b>Frame:</b>	Aluminium VelectriX Ascent MTB
<b>Size:</b>	17" (medium), 19" (large)
<b>Fork:</b>	Suntour SF13-XCT-HLO 100mm travel
<b>Colour:</b>	Satin black with blue & grey decals
<b>Tyres:</b>	Maxxis 29" x 2.10" MTB
<b>Brakes:</b>	Tektro 285 hydraulic with 180mm rotors
<b>Gears:</b>	Shimano Alivio Shadow 9
<b>Motor:</b>	36 volt 250 watt Bafang Max Drive
<b>Battery:</b>	36 volt Samsung 13.6ah lithium ion
<b>Battery Charger:</b>	ST Electronics Li-Ion STC-8108L. 3a 240V
<b>Maximum Speed:</b>	25 km/h
<b>Weight:</b>	21kgs (inc. battery)
<b>Range:</b>	Up to 110kms
<b>Carrying Capacity:</b>	110kgs (including battery, rider & accessories)

