



# RANGE

***QUICK  
START  
GUIDE***

***IMPORTANT! READ ME BEFORE USE***

# FAZUA OPERATION

Your RANGE bicycle is equipped with a Fazua Evation Drive System. When purchasing your bike, your battery should be fully charged. To check battery life, and to turn the system on, you will need to remove the Drivepack from the bike.

## **DRIVEPACK REMOVAL:**

To remove the Drivepack (which includes the motor and battery), flip the latch on the downtube of your bike **whilst gently compressing the Drivepack into the downtube** to release the pressure on the latch mechanism.

## **TO CHECK BATTERY LEVEL/TURN THE BATTERY ON:**

With the Drivepack removed, press the power button to power up the battery and to check battery level. The battery level will be indicated by the number of LEDs illuminated. For battery charging instructions, please refer to the Fazua manual supplied with your RANGE bike.

## **DRIVEPACK INSTALLATION:**

With the battery turned on the Drivepack can be reinstalled in your frame. Starting at the bottom bracket end, press the Drivepack in until the latch clicks. Once this is done you can turn on the top tube mounted control unit by pressing the raised button in the middle of it. At this point the LEDs will illuminate to signify battery level and assistance mode.

## **CHANGING ASSISTANCE LEVEL:**

The Fazua Evation system has four assistance levels: Off; Breeze; River; Rocket. For an explanation of these levels and how to change between them, see the following page.

## **TURNING OFF:**

When you have finished riding, you should turn the unit off at the battery. To do so, remove the Drivepack as per the instructions above, then hold the power button until all LEDs go out (you will notice an animation as the LEDs sequentially go out). Note, you should take this opportunity to clean the Drivepack and battery, as explained in the the Wet Weather Tips section of this booklet.

# FAZUA ASSISTANCE LEVELS

Choose from three levels of assistance or pedal without any help, just as you would on a non-motorized bike.

- **Unassisted (WHITE)**

Enjoy natural, unhindered biking

- **Breeze (GREEN)**

Feel the tailwind and extend your battery runtime.

**Up to 125W of power**

- **River (BLUE)**

Add some solid power and sail the trail.

**Up to 250W of power**

- **Rocket (PURPLE)**

Rock on!

**Up to 400W of power**

## CHANGING ASSISTANCE LEVEL AND WEATHER MODE

### SUN MODE

When in the default "Sun Mode", you can change the assistance level of your Fazua system using the touch sensitive control unit. To change up to a higher assistance level, tap the control unit in front of the raised button, and to change down an assistance level tap the control unit behind the raised button.

### RAIN MODE

In "Rain Mode" the touch sensitivity of the control unit is turned off. To activate Rain Mode, with the unit on, hold down the raised button in the middle of the control unit until the LEDs go out; keep holding until a blue LED animation is triggered, followed by a solid illumination of the LEDs once more. Now you can cycle through the modes by pressing the raised button, rather than using the touch interface. To go back to Sun Mode hold down the raised button until you see a yellow animation, followed by a solid illumination of the LEDs once more. The Fazua system defaults to Sun Mode when restarted.



**Image 1:** The separate parts of the Fazua Evation 1.0 drive system. Your system features the Remote fX controller.



**Image 2:** The bottom of the Fazua Drivepack, showing the cooling fins and the USB port cover.

# WET WEATHER TIPS

- Make sure all electrical connections are dry whenever you install the Drivepack.
- When riding in the wet, water and dirt can be thrown up off the front wheel onto the downtube and make their way between the battery and drivepack. To allow the water to escape, there is a drain hole amongst the radiator fins on the outside of the drivepack. If the radiator is covered in mud, this drain hole can become blocked, filling up the Drivepack with water, so please check this is clear before each ride.
- Never ride with an open/unprotected downtube. If you wish to ride without the Drivepack and use your bike without assistance, you must use the optional Downtube Cover when riding this bicycle.
- Before installing the Drivepack, make sure to visually inspect the connection point between Drivepack and bottom bracket. There is a mechanical and electronic connection at this point, and the whole area must be dry and clear of dirt to operate correctly.
- If removing the USB port cover (shown in Image 2) on the Fazua Drivepack, for example when updating your firmware, always make sure that the cover to the cable port is seated properly and screwed back in place when reinstalling.
- When cleaning your bicycle, we recommend removing the Fazua Drivepack and battery to do so. You can then clean your bicycle as usual (using a hose for instance), and the Drivepack and battery can be cleaned with a damp cloth.
- After every ride, make sure to remove the Drivepack and battery, making sure to clean the battery, the inside housing for the battery and all of the electrical connections. This is especially important when using the bike during the winter on salted roads, as there is even more likelihood of corrosion damage on the electrical terminals.
- We strongly recommend the use of a front mudguard when riding this bicycle in the wet, as it will minimise the amount of water ingress into the downtube. You can use either a fork mounted guard, or a downtube mounted guard.

**To see the Fazua video on wet weather care, scan the QR or head to the Fazua Youtube channel.**



# OTHER TIPS

- If you are planning to leave the bike unriden for long periods of time (greater than one month), please charge the battery to 30% - 60% and store at room temperature to prolong the life.
- If you did not purchase this bike with the tubeless set up already done, we highly recommend doing so as it will allow you to run lower pressures for grip and comfort, with less risk of puncture!
- We strongly recommend the use of a Tyre Insert, and particularly the Tyre Invader by Effetto Mariposa in the rear wheel of this bicycle. The use of a tyre insert will allow you to run low pressures for increased traction and comfort with much lower risk of damaging your rim or tyre when riding.

# FAZUA RIDER APP

Download the free Fazua Rider App to connect your phone to the Fazua system via Bluetooth, and access a wealth of ride data, so you can keep track of your training progress and learn more about your bike.

## Supported features:

- GPS navigation, tracking and trip information
- Motor power, remaining battery capacity, distance to empty, etc.
- Speedometer, cadence, rider power, rider torque, etc.
- Technical overview and battery charge information
- Support functions, incl. direct access to Fazua Service
- Ability to share rides with friends
- Summaries and analysis of the data post-ride



