

2021 E-Caliber FAQ

What electric assist drive system does this bike use?

E-Caliber uses the compact Fazua Evation system.

What is the range?

Range is determined by many different factors including rider weight, riding behavior, surface, assist mode, and type of terrain. For mountain biking, the range can be anywhere between 30-80 kilometers.

How many watt-hours is the battery?

250 watt-hours.

How much torque does the Fazua system provide?

55Nm.

Can the bike be ridden without the electric assist system?

Yes. You can remove the battery and replace it with the included cover. That will remove 6lbs or 2.7kg from the total weight of the bike. This allows you to have a traditional cross country mountain biking experience.

This bike looks a lot like Supercaliber. What are the differences?

This is a completely new platform built around award-winning Supercaliber, with a little extra boost from a sleek lightweight Fazua motor. It's a lightweight electric mountain bike that rides—and looks—like a traditional full-suspension cross country bike. The E-Caliber uses the same IsoStrut technology and runs on the same 60mm of rear suspension. Up front, the bike has 120mm of travel where the Supercaliber has 100mm of travel.

How do you turn on or “wake up” the electric assist?

In previous generations of the Fazua system, you had to drop out the battery and snap it back in. Now, there is a simple function on the remote where you can turn or “wake up” the electric assist system.

Is the Fazua system tuned for mountain biking?

Yes. Fazua has created a new tune called “Black Pepper” that improves performance for high-end bikes. With Black Pepper you get more assistance at higher cadences, more differentiation between the three assist modes, a more responsive start, and the ability to customize the support modes. The net result is an assist that works better for mountain biking and feels very natural.

Has the remote been updated?

Yes. There is a new smaller, unobtrusive remote that easily fits between the grip and brake or dropper post clamp.

What is the maximum tire size?

29x2.40"

Is it compatible with other wheel/tire sizes?

No. It is only compatible with standard-width 29-inch wheels/tires.

What is the rear brake mount? What is the max rotor size?

180mm direct post mount. 203mm maximum.

What is the hub spacing?

148x12mm.

How much dropper post insertion does the frame have?

S: 205mm

M: 270mm

L: 270mm

XL: 270mm

What is the maximum chainring size? Minimum chainring size?

Maximum: 32T with 52mm chainline; 36T with 55mm chainline. Minimum: 30T.

Are these bikes tubeless compatible? What additional parts are required?

Yes. All models come completely tubeless with valves and rim strips installed. Just add the included sealant.

What is the maximum fork axle-to-crown and/or travel?

120mm or 531mm axle-to-crown.

In which Mino Link position does the bike ship?

This bike does not have Mino Link.

Is it compatible with aftermarket shocks? Which ones?

Since E-Caliber uses Trek's unique IsoStrut suspension layout, it is not compatible with other shocks. However, if a rider desires a different spring curve, it is easy to add the included volume spacers.

Can I use a shock with a longer stroke to increase the rear travel?

No.

Does it have ISCG mounts?

No.

Is it compatible with 2x drivetrains?

No.