



Create long-term value for your bike with the newest security technology

The bike security industry is being revolutionized by PentaLock's innovative bike lock. First, we have our PL1, designed for traditional bikes. Then, our PL2 for e-bikes includes enhanced software, and an integrated PAS that is the best in its class. We are constantly improving and evolving, so now we are ready to introduce our PL3, which uses machine learning to provide a better torque solution. The PL3 will be revealed with more details available at this year's Eurobike.

The traditional lock has been reinvented by PentaLock and the result is a revolutionary solution that combines an essential bike component with an unbreakable lock and additional security features to always keep both you and your bike safe and secure. PL1 is our first version of this system and is made for traditional bicycles, utilizing several smart features. The PentaLock PL2 is now updated

both in software and technology. Our PL2, which is designed for e-bikes, features the finest PAS in its class and its integrated design allows for full power control when locking and unlocking.

According to CEO and co-founder, Emil Norup says, "We want to create the best bike security for our end-user, and we achieve that with our PL2". The integrated PL2, comes with several smart security features; alarm, kill switch, auto lock and a wireless keyfob, offering 'one-push-go' for true convenience and security.

PL2 utilizes the most recent technology to improve bike security. PentaLock proprietary software-based cadence sensor called A-pulse has multiple advantages compared to the ordinary sensors on the market. A 32PPR single wire output, which can be adjusted to the customer's needs.

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And if the selected E-bike controller only supports 16 or 12PPR, the PL2 is adjustable and can adapt. The PL2 also features optional functionality such as the "boost" function, which enhances the power delivery of the motor when cycling from a standstill and when cycling uphill if activated. Furthermore, output is only produced if it has been verified, so there is no longer any need to wait for 2 pulses before activating the motor. This is a unique feature that improves performance by 25% compared to ordinary 32PPR sensors.

Our ground-breaking digital torque sensor provides bikers with a unique level of bike security and riding pleasure. With a revolutionary digital torque sensor and an alarm-equipped unbreakable lock, the PL3 is a one-of-a-kind solution. Everything is integrated in the bottom bracket at a competitive price. It is prepared to be unveiled at this year's Eurobike in **Hall 9.1 - E24**.

On PentaLock:

We began our journey in 2016, and we are now revolutionizing the bike security industry. Our major objectives are to reduce bike theft as much as possible and to make bike owners' lives as convenient as possible. We are always advancing, changing, and growing our staff. Bikes with our integrated PentaLock units will soon be available to consumers thanks to rising demand and a faster production procedure. Now, it can only go forward and in one direction only.

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