



**More individuality.
A better overview.
More possibilities.**

Bosch eBike Systems 2016



BOSCH
Invented for life



Nyon is now also available
for the Active Line.

New



Nyon

The first all-in-one on-board computer.

Nyon is the key to a new, fascinating eBike world. Networked with the online portal and smartphone app, Nyon provides you with all the information you want for your own personal pedelec experience. Navigation, riding data, fitness, incoming text messages, and much more: Nyon supports you from route planning and on the go to the evaluation of your activities with fascinating features and a wide variety of customization options. The on-board computer developed especially for the eBike marks the beginning of a new era: the first fully networked ecosystem of the industry. Welcome to the world of Bosch eBike Systems!

Nyon is available for the Performance Line and now also for the Active Line as well as for retrofitting on all eBikes with Bosch drive starting with model year 2014.



Intelligently networked

The world of Bosch eBike Systems

Nyon is a smart all-rounder. Its integration in an intelligent environment creates a world of new eBike options. Using Bluetooth and Wi-Fi, the on-board computer synchronizes with the smartphone app *eBike Connect* and the online portal *eBike-Connect.com*. The applications offer the ability to plan routes, to allow yourself to be navigated while on the go, to evaluate the tour, or to customize the user interface of the on-board computer, for example. On the portal, riding, touring, training, and fitness data can be generated, and you can evaluate your own personal eBike profile.



Bosch smartphone app
eBike Connect

Through custom adjustments in the smartphone app *eBike Connect*, you make Nyon into your personal eBike assistant. You configure your screen design or refine the settings of your riding modes just as you wish. Additional premium features enhance the system. Data is exchanged via Bluetooth.

Bosch online portal
eBike-Connect.com

The Bosch online portal *eBike-Connect.com* creates your own personal eBike information profile for you. You can plan and analyze customized tours in the portal, with an overview of times, altitude, distance, and your fitness. Or you import a GPX track and transfer this to Nyon.

 **Nyon**
Connect your Way



Overview of features



Ride

Everything at a glance

Clear presentation, custom screen design: Ride mode provides all riding-relevant information at a glance. From speed and support mode to charge level or cadence, altitude and distance. You decide what data appears at what point – using the *eBike Connect* app.

Riding mode – just as you would like it

Dynamic or relaxed? From the support levels Turbo, Sport, Tour, Eco, and Off, you choose how much support the pedelec provides to you. Using a paid premium feature of the smartphone app *eBike Connect*, you can adjust the response characteristics of the riding modes individually.

Customizable user interface

You design your custom ride screen from over 20 different information options and three different layouts.

The eBike or car – which one wins the race?

The dashboard shows you what savings you have achieved in a given period compared to the use of a car. With the CO₂ balance, you protect the environment; with lower costs you protect your bank account. eBiking not only is fun but also pays for itself!



Navigation

Always stay on track

Plan your route before the ride, transfer the tour to Nyon, and start the navigation. Your on-board computer navigates you to your destination as desired.

New: GPX-Import

You define your own route and import the GPS track into the *eBike-Connect.com* portal.

New: MTB-Routing

Depending on what you want, your Nyon can guide you on the fastest or most scenic route. And with the new “eMTB” route profile developed for eMountain Bikers, the on-board computer guides you predominantly onto unsurfaced paths.

New: Multiple way points

Experience the most scenic places along your route and plan your eBike tours with up to ten stopovers.

New: more storage capacity

To make more maps available, Nyon now has an expanded storage capacity of 8 GB.





The heart rate chest strap transmits your values to Nyon via Bluetooth.



Fitness

Fitness and training function

With Nyon, your eBike becomes your own personal trainer. Whether an ambitious athlete or health-conscious eBiker: Nyon shows what you've got. The data overview is available in real time.

How fit are you?

From the ride data, Nyon determines your performance and calories burned. In combination with your body data, Nyon calculates the effectiveness of your training. If you wear a chest strap, Nyon includes your cardiovascular values in the fitness calculation.

Monitoring effectiveness

Nyon shows the effectiveness of your training on the online portal *eBike-Connect.com*. Here you are provided with information about your state of fitness.



Smartphone function

Good News

A pop-up informs you about the arrival of new SMS messages on your smartphone. In this way you stay informed and your phone remains safely in your pocket.



Stop, respond, and arrive safely at your destination

At a brief stopover, you can read and respond to new messages on your phone and arrive safely at your destination.

Your smartphone doesn't lose out

Thanks to the micro-USB interface, you can even charge your cell phone and other accessories during the ride. A cover protects the interface from splash water.

Scan here for the
Nyon tour report from
Switzerland



Specifications

Nyon at a glance

Hardware Facts

- Transflective 4.3" TFT color display (WQVGA 480×272 pixels, 16 million colors, 95 mm×53 mm active area)
- 5-way joystick for intuitive operation on the on-board computer Nyon and on the separate control unit
- 3 buttons for on/off, light, and home
- Integrated high-precision GPS module
- Integrated compass and high-resolution barometric air pressure sensor
- Ambient light sensor automatically controls the backlighting of the display day and night
- Built-in rechargeable battery provides an hour of power for off-board mode; power supply comes from the PowerPack when it is on-board
- Rugged and IPx7 splash waterproof when the USB cap is closed
- Temperature range: -5 °C to +40 °C (operating) and -10 °C to +60 °C (storage)
- Storage capacity of 8 GB

Connectivity Facts

- Wi-Fi connectivity for direct and convenient synchronization through your router or other access points
- Bluetooth connectivity to compatible smartphones: Android 4.0.3 or higher and at least iPhone 5 with iOS version 7 or higher
- Bluetooth connectivity (Bluetooth 4.0) for heart rate chest straps such as Polar H7
- Micro-AB USB interface for diagnostics by your dealer, for charging the Nyon battery, and for charging external devices such as MP3 players and smartphones

Basic and premium package

- Smartphone app for compatible smartphones
- Wi-Fi (activity sync., map update, software update)
- Online portal (dashboard, activities, route planning)
- Ride: Custom screen display
- Ride: User-defined riding modes
- Navigation – tracking (current location & world maps)
- N Navigation – route planning with stopovers (worldwide)
- Navigation – route planning with points of interest
- Navigation – 2D or 3D standard view
- N Navigation – “eMountain Bike” route
- Residual range view on map (circle)
- Fitness (current training effect, heart rate, calories)
- Display of SMS receipt
- N Import of GPX files
- N Manual altitude calibration
- N Service interval display
- N Expanded storage capacity of 8 GB
- N 9 languages (English, German, French, Spanish, Italian, Portuguese, Swedish, Dutch, Danish)

- Basic package (free of charge)
- Premium (available for in-app purchase)
- N Innovations in the basic package

Nyon is now also available for the Active Line and for retrofitting of all eBikes with Bosch drive starting with model year 2014.



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