



Nyon

Connect your Way



Bosch eBike Systems 2015



BOSCH

Invented for life

Nyon

Connect your Way



Smartphone app
eBike Connect

Online portal
eBike-Connect.com

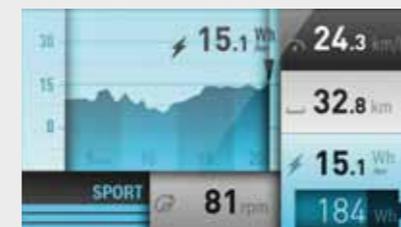
With Nyon you hold the key to a new, uniquely networked eBike world in your hands. Nyon accompanies you from the planning of the route to the evaluation of your personal performance. Nyon connects you with the online portal *eBike-Connect.com* and the smartphone app *eBike Connect*, and offers features

that support you before, during, and after your trip. Even before you start your journey, precise maps enable optimal route planning. Nyon also assists you on the road with personalized information about your trip, and at your destination you can analyze the effectiveness of your training, for example.

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

Exclusively for the Performance Line

Ride



All riding-relevant information at a glance. On the Ride screen, you can view both the selection of information and the graphic presentation as well as customize the individual riding mode to suit your personal needs.

Fitness



Nyon measures fitness-related data such as cadence and pedal power and uses this information to calculate the calories burned and your fitness level. If desired, even more detailed fitness information can be obtained with the heart rate chest strap.

Navigation



The GPS module navigates you to your destination in a 2D or 3D display. You can choose between the fastest, shortest, and most scenic eBike route.

Smartphone function



Connected to the smartphone using Bluetooth, Nyon provides notification regarding incoming SMS messages.

Nyon is constantly developing further in accordance with your needs: With each new update and optional additional features, your personal eBike experience becomes even more versatile. You can look forward to all-new e-mobility focused on you and your wishes.

Ride

Everything under control

All features at a glance

Clear presentation and easy to read at all times: Nyon shows you everything you need to know while riding. Ranging from time, speed, distance, and altitude to cadence, motor support, battery charge status, and much more.

Riding modes – just as you would like them

Dynamic or relaxed? You can use the individual riding modes according to your needs and flexibly adjust the motor support for your tour.



Using the smartphone app *eBike Connect*, you can create your very own ride screen by selecting from 20 items of basic information and three different graphic layouts. Support for the Drive Unit can be further customized as desired using a paid premium feature of the app *eBike Connect*.

Fitness

Enthusiasm in high gear

Fitness and training functions

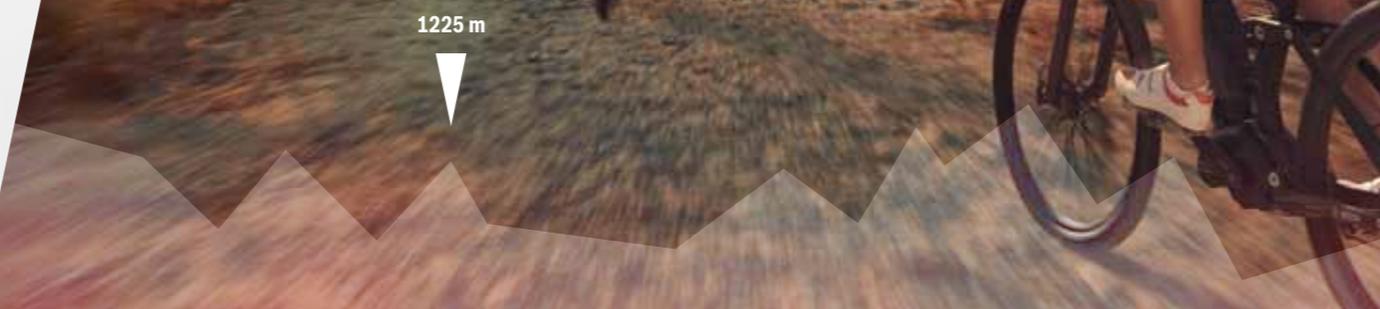
Nyon turns an eBike into your personal training partner – whether you are one of the more ambitious athletes or a fitness beginner. Nyon shows your personal performance overview in real time. To do this, sensors on the Drive Unit measure your cadence and pedal force up to 1000 times per second.

How fit are you?

Based on the measured riding data, Nyon calculates your riding performance as well as your calorie consumption. You can train in an even more targeted manner in combination with a heart rate sensor such as the Polar H7. It sends your values to Nyon via Bluetooth.



With Nyon, you train individually and effectively. You can analyze your long-term training success using the detailed analyses and visualizations on the online portal *eBike-Connect.com*.



1225 m

70 km 71 rpm 210 Watt 15.1 Wh/km 165 bpm 216 kcal

Smartphone function

Staying in touch

While your smartphone remains stowed in your pocket, safely protected from wind and weather, Nyon informs you about incoming SMS messages using a Bluetooth connection. Because your safety comes first, messages can only be read and responded to on your smartphone. And please do this only when you and your eBike are stationary.



Ergonomics, quality, weather protection, safety

If required, Nyon can constantly provide you with information without distracting you from riding. Nyon is geared toward intuitive operation and easy readability in any weather. That is provided by the ergonomic product design and very easy-to-read color display. Due to its sturdy construction, Nyon can even withstand rain when its USB cap is closed.

Next route
32.8 km 1:50 h

19 km/h

67 rpm

70 Watt

42 km

Navigation

Always following your Nyon

Between start and destination, there are a innumerable ways to go – and your Nyon knows them all. Choose from the most scenic, fastest, or shortest route and make every journey into a unique experience. The range calculation takes into account your riding style and shows your range on the map.



Turn-by-turn to your destination

The turn-by-turn navigation of Nyon takes you to your destination with a selectable 2D or 3D representation. The GPS module and global Open Street Map database make it possible. Plan your route and update it at any time at home or on the road. Directly through Nyon, on the smartphone app *eBike Connect*, or using the online portal *eBike-Connect.com*.

Intelligently networked:

Your access to the Bosch eBike World

Nyon is not just a small technical marvel whose operation is fun thanks to optimal ergonomics as well as great look and feel. With the intelligent computer, you also have everything you need for ebiking on board and ready to be used: navigation, riding modes, range information, personal fitness data, and more. Nyon is supplemented by the smartphone app *eBike Connect* and the online portal *eBike-Connect.com*.



Bosch smartphone app
eBike Connect

Using a Bluetooth connection, you can access Nyon directly from your smartphone and make personal adjustments and change settings for your next tour. Additional premium features that can be individually purchased enhance Nyon according to your personal needs and make Nyon into your personal eBike assistant.

🔥 6820 kcal

❤️ 130 bpm

🕒 8:24:00

📏 160.1 km

🌀 19.8 km/h

🌳 2 Trees saved

Bosch online portal
eBike-Connect.com

Large format and clear: On the Bosch online portal, you can view, analyze, and relive your accumulated past tours and workouts. And where one journey ends, the next begins: The portal allows you to plan all your future trips. Using a Bluetooth or WiFi connection, you can then transfer your data through the smartphone app directly to Nyon – and your adventure can begin.



Technical features

Everything 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; charging is from the PowerPack when it is on-board
- Rugged and IPx7 waterproof when the USB cap is closed
- Temperature range: -5°C to +40°C (operating) and -10°C to +60°C (storage)

Connectivity facts

- WiFi 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 iPhone 5, 5C, 5S with iOS version 7 or higher)
- Bluetooth connectivity (Bluetooth 4.0) for heart rate chest straps, e.g. 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
 - WiFi (activity sync, map update, software update)
 - Online portal (dashboard, activities, route planning)
 - Ride: User-defined screen display
 - Ride: User-defined riding modes
 - Navigation – tracking (current location & world maps)
 - Navigation – route planning (in the defined 20 km home radius)
 - Navigation – route planning (outside the home radius – country / continent / world)
 - Navigation – 2D or 3D standard view
 - Navigation – route planning with points of interest
 - Residual range view on map (action radius)
 - Fitness (current training efficiency, heart rate, calories)
 - Incoming SMS display
 - 7 languages (English, German, French, Spanish, Italian, Dutch, Danish)
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- Basic package (free of charge)
 - Premium (available for in-app purchase)



You will receive your Nyon exclusively with the Performance Line.

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