

Specifications Nyon

Hardware Facts

- Transflective 4.3-inch TFT color display
(480 × 272 pixels, 16 million colors, 95 mm × 53 mm active area)
- 8 GB of storage capacity
- 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
- Walk Assist button on the separate control unit
- Integrated high-precision GPS module
- Integrated compass and high-resolution barometric air pressure sensor
- Ambient light sensor automatically controls the brightness of the display day and night
- Integrated battery delivers power for approx. one hour in off-board mode; charged on-board from the eBike battery
- Rugged and IPx7 splash waterproof when the USB cap is closed
- Temperature range: -5 °C to +40 °C (operating) and -10 °C to +50 °C (storage)
- 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

Connectivity Facts

- WiFi connectivity for direct and convenient synchronization
(Activity sync., map update, software update) via your router or other access points
- Smartphone app for compatible smartphones: Android at least 4.0.3. and from iOS version 9
- Online portal (dashboard, activities, route planning)
- Bluetooth connectivity to compatible smartphones
- Bluetooth connectivity (Bluetooth 4.0) for heart rate chest straps such as Polar H7

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Additional functions

- Ride – custom screen display
- Ride – user-defined riding modes
- Navigation – tracking (current location & world maps)
- Navigation – route planning with stopovers (worldwide)
- Navigation – energy consumption display
- Navigation – route planning with points of interest
- Navigation – new keyboard format
- Navigation – 2D or 3D standard view
- Navigation – moving the map section
- Navigation – eMountain bike route
- Navigation – new map material
- Residual range view on map (circle)
- Topo range display
- Fitness (current training effect, heart rate, calories)
- Display of SMS receipt
- Import and export of GPX files
- Manual altitude calibration
- Service interval display possible
- eShift support
- Shift recommendation

- Basic package (free of charge)
- Premium (available for in-app purchase)