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Technical Features of Nyon

Hardware facts

- Transflective 4.3-inch TFT colour display
  (480 × 272 pixels, 16 million colours, 95 × 53 mm active range)

- 8 GB storage capacity

- 5-way joystick for intuitive operation of the Nyon on-board computer and the separate control unit

- 3 buttons; for switching device on/off, for the light and to go to the home screen

- Walk Assist button on the separate control unit

- Integrated high-precision GPS module

- High-resolution barometric pressure sensor

- Ambient light sensor automatically controls the brightness of the display during both day and night

- Integrated battery delivers power for approx. one hour in off-board mode; on-board, it is charged via the eBike battery

- Rugged and IPx7 waterproof when the USB cap is closed

- Temperature range: −5 °C to +40 °C (operation) and −10 °C to +50 °C (storage)

- Micro-AB-USB port for diagnostics by your dealer, for charging the Nyon battery and for charging external devices such as MP3 players and compatible smartphones

Connectivity facts

- WiFi connectivity for direct and convenient synchronisation
  (Activity sync., map update, software update) via your router or other access points

- Smartphone app for compatible smartphones: Android version 4.0.3 or higher and iOS version 9 or higher

- 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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Basic and premium package

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

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