AVINOX Drive System Release Notes

Release Date:	2026.11.17
Device Version:	DP200 Control Display: v04.05.06.50 DP100 Series/DPC100 Series Control Displays: v01.03.03.50
Avinox Ride App Version:	v1.4.6

What's Updated

- Added support for multi-device management, allowing users to connect and manage multiple Avinox-equipped e-bikes under one account.
- Added support for a smarter charging status display.
- Added Automatic Shifting. (M2 and M2S motors only.)
- Added support for displaying average ride data and personalized statistics for selected periods.
- Added support for briefly powering the Control Display independently, allowing HMS error codes to be viewed for troubleshooting.
- Added support for Apple Watch connectivity, allowing users to view bike status, unlock the bike when nearby, and access heart rate and ride data on the watch. Visit the official website for Apple Watch compatibility. (DP200 Control Display only.)
- Added Mark Device as Lost. Components can be bound to an account, and assistance will be disabled when a bound component is marked as lost.

Notes:

- Do not power off the device and keep the Bluetooth of mobile phone enabled during the update. Avoid placing the phone too far from the bike.
- If the update fails, please try again.

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AVINOX Drive System Release Notes

Release Date:	2026.10.13
Device Version:	v01.03.02.29
Avinox Ride App Version:	v1.4.0.6173

What's Fixed

- Fixed some known issues.

Notes:

- Do not power off the device and keep the Bluetooth of mobile phone enabled during the update. Avoid placing the phone too far from the bike.
- If the update fails, please try again.

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AVINOX Drive System Release Notes

Release Date:	2026.07.11
Device Version:	v01.03.02.21
Avinox Ride App Version:	v1.4.0.6173

What's Fixed

- Fixed the TRP issue. (DPC100 control display)
- Fixed some known issues.

Notes:

- Do not power off the device and keep the Bluetooth of mobile phone enabled during the update. Avoid placing the phone too far from the bike.
- If the update fails, please try again.

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AVINOX Drive System Release Notes

Release Date:	2026.06.18
Device Version:	v01.03.02.16
Avinox Ride App Version:	v1.4.0.6173

What's Fixed

- Added support for merging ride data to generate a continuous route.
- Added support for automatically switching to Boost mode when riding uphill to improve climbing performance. (M2 and M2S motors only)
- Added support for reversing the start and end points of a route before navigation. (DP100, DP100F and DPC100 control display)
- Optimized navigation performance with support for planning longer routes. (DP100, DP100F and DPC100 control display)
- M1 motor: Added support for Smart Heart Rate Control via a paired heart rate device.
- M1 motor: Added support for Boost Local Enhancement.
- M1 motor: Added support for adding new assist modes.

Notes:

- Do not power off the device and keep the Bluetooth of mobile phone enabled during the update. Avoid placing the phone too far from the bike.
- If the update fails, please try again.

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AVINOX Drive System Release Notes

Release Date:	2026.05.28
Device Version:	v01.03.01.10
Avinox Ride App Version:	v1.3.31

What's Fixed

- Fixed some known issues.

Notes:

- Do not power off the device and keep the Bluetooth of mobile phone enabled during the update. Avoid placing the phone too far from the bike.
- If the update fails, please try again.

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AVINOX Drive System Release Notes

Release Date:	2026.04.09
Device Version:	v01.03.01.10
Avinox Ride App Version:	v1.3.30

What's Fixed

Device

- Added support for Control Display Navigation.
- Added support for dual-battery system (currently not supported by the M1 motor).
- Added support for the auto-sensing and control function of Avinox Front Light (supported only by DP100 and DP100F control displays).
- Added support for Smart Heart Rate Control via a paired heart rate device (currently not supported by the M1 motor).
- Added support for Boost Local Enhancement (currently not supported by the M1 motor).
- Added support for Maintenance Mode.
- Added support for adding the e-bike to Apple Find My (supported only by the DPC100 control display, and the bike model requires relevant certification).
- Added support for displaying battery temperature in Avinox Ride App.
- Added support for adding new assist modes (currently not supported by the M1 motor).
- Added support for battery safety protection strategies.
- Fixed the issue where pressing the wireless controller buttons to exit Walk mode would inadvertently trigger its original function (e.g., switching assist modes).

App

- Added support for adding new assist modes.
- Added support for Smart Heart Rate Control (heart rate device required).
- Added support for Control Display Navigation.
- Added support for customizing Boost mode duration.
- Added support for adding the bike to Apple Find My (for specific models).
- Added support for backing up battery key code (for specific models).

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AVINOX Drive System Release Notes

- Optimized compatibility with more mobile phone models.
- Fixed known issues.

Notes:

- Do not power off the device and keep the Bluetooth of mobile phone enabled during the update. Avoid keeping the mobile phone too far from the bike.
- If the update fails, please try again.

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AVINOX Drive System Release Notes

Date:	2025.12.31
Device Version:	v00.14.01.03
Avinox Ride App Version:	v1.3.26

* Make sure to update the firmware of the app and device to the latest version. Otherwise, they will not be compatible with each other.

What's Updated

- Fixed compatibility issues with some third-party headlights.
- Fixed some known issue.

Notes:

- Do not power off the device and keep the Bluetooth of mobile phone enabled during the update. Avoid keeping the mobile phone too far from the bike.
- If the update fails, please try again.

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AVINOX Drive System Release Notes

Date:	2025.10.14
Device Version:	v00.13.0401
Avinox Ride App Version:	v1.3.25

* Make sure to update the firmware of the app and device to the latest version. Otherwise, they will not be compatible with each other.

What's Updated

- Added support for Avinox Front Light.
- Fixed some known issue.

Notes:

- Do not power off the device and keep the Bluetooth of mobile phone enabled during the update. Avoid keeping the mobile phone too far from the bike.
- If the update fails, please try again.

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AVINOX Drive System Release Notes

Release Date:	2025.07.11
Device Version:	v00.12.05.07
Avinox Ride App Version:	v1.3.22

* Make sure to update the firmware of the app and device to the latest version. Otherwise, they will not be compatible with each other.

What's Fixed

Device

- Added support to match assist mode settings based on countries and regions.
- The US version now complies with the US Class 3 standards.
- Added support for customizing the long press function on the up button of the left controller.
- Optimized prompts for Real-Time Tune function.
- Fixed some known security issues.

App

- Added support to match assist settings based on countries and regions.
- Fixed some known issues.

Notes:

- Do not power off the device and keep the Bluetooth of mobile phone enabled during the update. Avoid keeping the mobile phone too far from the bike.
- If the update fails, please try again.

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AVINOX Drive System Release Notes

Release Date:	2025.06.13
Device Version:	v00.11.03.04
Avinox App Version:	v1.3.4

* Make sure to update the firmware of the app and device to the latest version. Otherwise, they will not be compatible with each other.

What's Fixed

- Fixed some known issues.

Notes:

- Do not power off the device and keep the Bluetooth of mobile phone enabled during the update. Avoid keeping the mobile phone too far from the bike.
- If the update fails, please try again.

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AVINOX Drive System Release Notes

Release Date:	2025.05.29
Device Version:	v00.11.03.04
Avinox App Version:	v1.3.3

* Make sure to update the firmware of the app and device to the latest version. Otherwise, they will not be compatible with each other.

What's Fixed

Device

- The max power of Auto and Trail modes can be adjusted to 1000 W, and the adjustable assistance range of Trail and Turbo modes is expanded (without affecting the set parameters).
- Added support for setting a charging limit to meet the needs of more scenarios. To configure it, tap Battery on the app's home page and adjust the setting.
- Added support for Real-Time Tune. The wireless controllers can be customized to increase or decrease the assistance level of the current assist mode.
- Enhanced Password Authentication security. The password now requires 6 digits (take effect after re-enabling the Password Authentication function) and the screen will be locked for 30 seconds after 5 consecutive incorrect attempts.
- Fixed some known issues.

App

- The max power of Auto and Trail modes can be adjusted to 1000 W, and the adjustable assistance range of Trail and Turbo modes is expanded (without affecting the set parameters).
- Added support for setting a charging limit to meet the needs of more scenarios. To configure it, tap Battery on the app's home page and adjust the setting.
- Enhanced Password Authentication security. The password now requires 6 digits (take effect after re-enabling the Password Authentication function) and the screen will be locked for 30 seconds after 5 consecutive incorrect attempts.
- Fixed some known issues.

Notes:

- Do not power off the device and keep the Bluetooth of mobile phone enabled during the update. Avoid keeping the mobile phone too far from the bike.
- If the update fails, please try again.

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AVINOX Drive System Release Notes

Release Date:	2025.05.06
Device Version:	v00.10.16.06
Avinox App Version:	v1.2.0

* Make sure to update the firmware of the app and device to the latest version. Otherwise, they will not be compatible with each other.

What's Fixed

App

- The max power of Turbo mode can be adjusted to 1000 W, with an improvement of 17.6%.
- Added support for adjusting the order of assist modes and hiding/showing the selected modes. Additionally, optimized specific parameters and the display of their explanations.
- Added support for setting the duration of Boost mode.
- Added support for displaying up to 8 items on the data page of the bike screen, with the ability to add a stopwatch and visualize specific data in bar charts or line charts.
- Added support for deleting ride data.
- Added support for viewing historical accident movement notifications.
- Optimized Cloud switch. Reauthorization is required for using Bike Connectivity (SIM) and Ride Data Backup functions.
- Optimized the Sync to Strava function. The app will now prompt to enable Ride Data Backup to ensure ride data is synced to Strava.
- Optimized account display and added support for viewing information of the currently logged-in account.
- Improved the consistency of ride data statistics between the control display and the app.
- Improved the stability of parameter settings for the wheel diameter, chainring, and cassette.
- Fixed some known issues.

Device

- The max power of Turbo mode can be adjusted to 1000 W, with an improvement of 17.6%.
- Added support for assist mode settings, allowing for configuring parameters, adjusting mode orders, and hiding/showing the selected modes on the control display.
- Added support for setting the duration of Boost mode.
- Added support for displaying up to 8 items on the data page of the bike screen, with the ability to add a stopwatch and visualize specific data in bar charts or line charts.

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AVINOX Drive System Release Notes

- Added support for the Control Center, allowing for easy checking the bike status, control data recording and accessories.
- Added support for adjusting the order of data displayed after the screen turns off.
- Added support for SmoothShift function (Sram Eagle Transmission Series required).
- Added support for connecting external bike lights, which can be controlled via the wireless controller.
- Added support for the Quick Start function. The motor can provide assistance more quickly when the cyclist starts pedaling.
- Optimized the Hill Start Assist function in Walk mode to ensure a more stable startup.
- Optimized the activation method for Walk mode, allowing to enter Walk mode by pressing and holding the button.
- Improved the consistency of ride data statistics between the control display and the app.
- Fixed certain known issues.

Notes:

- Do not power off the device and keep the Bluetooth of mobile phone enabled during the update. Avoid keeping the mobile phone too far from the bike.
- If the update fails, please try again.

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AVINOX Drive System Release Notes

Date:	2025.04.26
Device Version:	v00.09.0907
Avinox App Version:	v1.1.1

* Make sure to update the firmware of the app and device to the latest version. Otherwise, they will not be compatible with each other.

What's Updated

- Fixed app compatibility issues.

Notes:

- Do not power off the device and keep the Bluetooth of mobile phone enabled during the update. Avoid keeping the mobile phone too far from the bike.
- If the update fails, please try again.

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AVINOX Drive System Release Notes

Release Date:	2025.02.26
Device Version:	v00.09.0907
Avinox App Version:	v1.0.45

What's Fixed

- Added support for screen-off mode.
- Added support for silent mode.
- Optimized battery life for extended usage.
- Fixed certain known issues.

Notes:

- Do not power off the device and keep the Bluetooth of mobile phone enabled during the update. Avoid keeping the mobile phone too far from the bike.
- If the update fails, please try again.

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AVINOX Drive System Release Notes

Release Date:	2024.12.31
Device Version:	v00.09.0902
Avinox App Version:	v1.0.45

What's Fixed

- Adds support for configuring additional parameters in assist modes and optimized visual graph. Set parameters will not be affected.
- Adds support for pairing heart rate monitor via Bluetooth.
- Adds support for setting bike inclination angle and unit for gradient.
- Adds support of motor safety protection when bike attitude error occurs.
- Adds support of Freehub Pre-Engagement to Experimental Feature.
- Fixed certain known issues.

Notes:

- Do not power off the device and keep the Bluetooth of mobile phone enabled during the update. Avoid keeping the mobile phone too far from the bike.
- If the update fails, please try again.

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AVINOX Drive System Release Notes

Release Date:	2024.11.07
Device Version:	v 00.08.0306
Avinox App Version:	v1.0.31

What's Fixed

- Optimize the connection experience of Osmo Action 5 Pro.
- Fixed certain known issues.

Notes:

- Do not power off the device and keep the Bluetooth of mobile phone enabled during the update. Avoid keeping the mobile phone too far from the bike.
- If the update fails, please try again.

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AVINOX Drive System Release Notes

Release Date:	2024.10.25
Device Version:	v 00.08.0305
Avinox App Version:	v1.0.30

What's Fixed

- Adds support for controlling Osmo Action 5 Pro being connected.
- Adds support for multiple data recording methods, including manual record and au-to-pause.
- Adds APN settings for SIM card.
- Fixed certain known issues.

Notes:

- Do not power off the device and keep the Bluetooth of mobile phone enabled during the update. Avoid keeping the mobile phone too far from the bike.
- If the update fails, please try again.

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AVINOX Drive System Release Notes

Release Date:	2024.09.20
Device Version:	v00.07.0404
Avinox App Version:	v1.0.5

What's Fixed

- Optimized motor assistance by increasing assist ratio in certain scenarios.
- Optimized response sensitivity after enabling motor assistance.
- Optimized bike protection solution that motor alarms at the same time during bike movement.
- Optimize the settings for assist parameters.
- Optimized account permission management of riding files.
- Optimized stability of wireless connection.
- Fix some known issues.

Notes:

- Do not power off the device and keep the Bluetooth of mobile phone enabled during the update. Avoid keeping the mobile phone too far from the bike.
- If the update fails, please try again.

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