

XS9 DONGLE | MANUAL

v1.1

Built-in 2.4GHz WiFi functionality

Firmly connect via the XS9 interface to the steering wheel

Enable the steering wheel to access telemetry data for PS4/5

Make the steering wheel and Fanatec DD Pro work together on PS4/5

Compatible exclusively with Fanatec DD Pro(PS Mode)

To make the steering wheel wireless-enabled

To access the built-in PS dashboard on the steering wheel



Notes

- Please read the user guide manual completely before installing or operating the product.
- This product is intended solely as an accessory, designed to work alongside select Leoxz products to enhance their functionality.
- Before inserting the XS9 Dongle into the steering wheel, please make sure to disconnect the power supply to the steering wheel. This means removing the steering wheel from its base, connecting the XS9 Dongle, and then reinserting the steering wheel onto the base shaft.
- This product is designed to enhance the compatibility of select Leoxz products with PS4/5. However, when using this accessory, certain functions of the steering wheel may be restricted due to limitations imposed by PS4/5.
- This product is designed to be connected to specific Leoxz steering wheels, and the steering wheel must also be connected to the Fanatec DD Pro for proper functionality.
- This product can only be used with 2.4GHz WiFi to ensure proper functionality. It does not support 5GHz WiFi.
- To ensure stable and effective data transmission from the PS4/5 to the steering wheel, it is necessary for the PS4/5 and the steering wheel to be connected to the same WiFi network. This means they should be on the same router network with identical network names, passwords, and frequencies.
- For some routers available on the market that can simultaneously transmit both 5G and 2.4G WiFi, we recommend disabling the 5G functionality. Enabling both frequency bands at the same time typically results in degraded performance for the 2.4G channel, which can lead to delays or buffering in UDP transmission, especially in low-latency scenarios. Additionally, when the router experiences heavy data traffic, such as during file downloads, it can also result in delays or buffering in UDP transmission. All of these factors can slow down screen information updates or cause interruptions.
- The signal quality can be determined by the RSSI value in the upper left corner of the steering wheel. We recommend that this value should not be lower than
- -50dBm.
- Any modifications, disassemble, tampering, changes or unauthorized uses of the product will void the warranty.
- The product should not be used in wet or liquid environments and should be kept away from high temperatures, low temperatures, and direct sunlight.
- Leoxz is responsible for revising and explaining this manual, and reserves the right to make changes or corrections to the information and explanation provided without prior notice and without any responsibility.

What's included

- XS9 Dongle

Compatible wheelbase

- Fanatec DD Pro

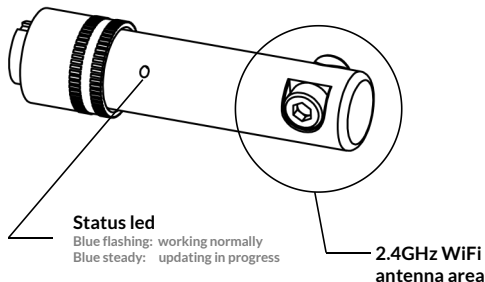
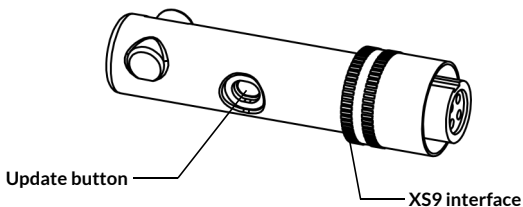
Compatible steering wheel

- XF1 Pro
- XF1 Sport-USB

Compatible PS4/5 games

- Gran Turismo 7
- More games will be supported through firmware updates

Interface

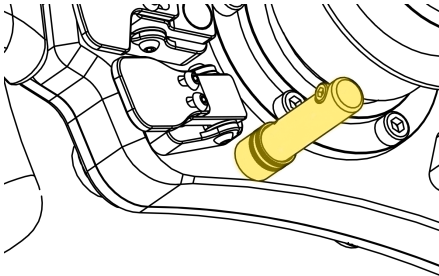
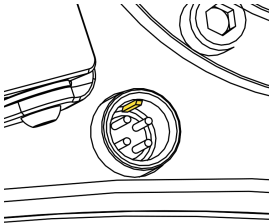


Connect the XS9 Dongle to the steering wheel, and the steering wheel will switch to the PS4/5 dashboard. When the steering wheel is connected to the same WiFi network as the PS4/5, it will be able to retrieve game telemetry data from the PS4/5 via WiFi and display the data on the steering wheel screen.

When the XS9 Dongle is connected to the steering wheel, you can directly control the PS4/5 menu and Fanatec base menu using the buttons on the steering wheel. However, due to the input restrictions of the PS4/5, some buttons on the steering wheel and all axes will not be functional.

Note:
When the steering wheel is connected to the XS9 Dongle, all power to the steering wheel is supplied through the Leoxz Fanatec QR via the DD Pro. Therefore, it is necessary to keep the steering wheel connected to the DD Pro in order for all functions to work properly.

Installation

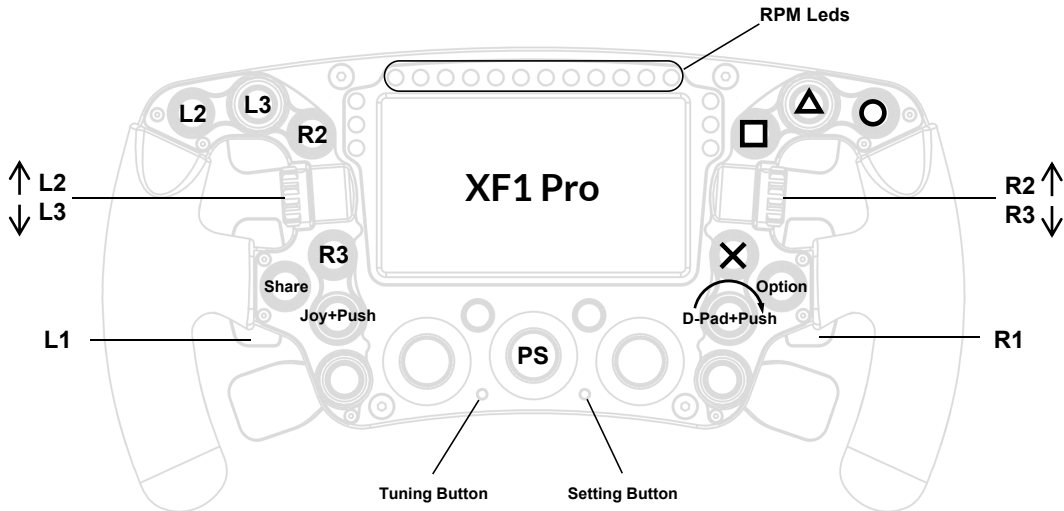


The XS9 Dongle can be easily connected by inserting it into the XS9 interface on the steering wheel.

It's important to note that when inserting the XS9 Dongle, you should align the notch direction of the interface correctly. Forcing the insertion can result in permanent damage to the components.

Once the connection is complete, ensure that no matter how the steering wheel is positioned or rotated, the XS9 Dongle does not come into contact with any surfaces, as this can also lead to permanent failure of the XS9 Dongle.

Available Features



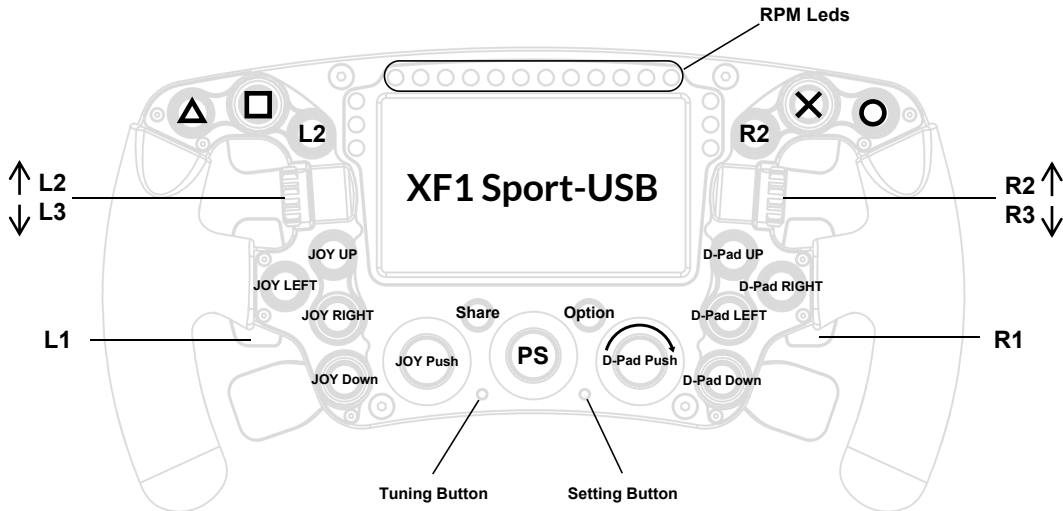
Note:

The buttons that are labeled are available, while the unlabeled buttons, all axes paddles, and flag indicator lights are not available.

L2, L3, R2, R3 functions are mapped to the buttons and thumb encoders, allowing you to choose the input method based on your preference.

Joy supports only simple input for up, down, left, and right directions and cannot input analog values.

Available Features



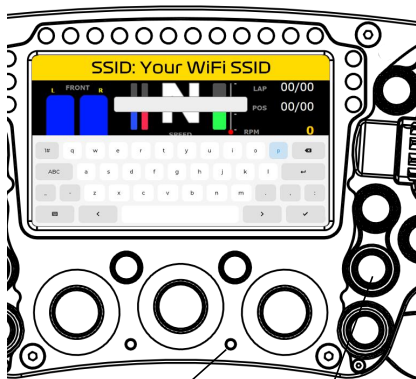
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Joy supports only simple input for up, down, left, and right directions and cannot input analog values.

WiFi Connect



By pressing the Setting button, you can navigate through different menus. You can input the WiFi name and password using the 7-way switch located on the right side.

The steering wheel will automatically connect to the network. Please ensure that both the PS4/5 and the steering wheel are connected to the same local area network (LAN).

Note:

The steering wheel can only connect to the 2.4GHz WiFi signal of the router. Please make sure that your router is capable of broadcasting a 2.4GHz frequency WiFi signal, or else the steering wheel will be unable to connect to the network.

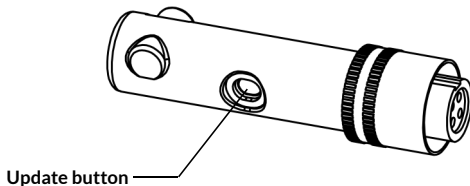
The maximum length for both the WiFi SSID and password input is 30 characters. Any SSID or password exceeding 30 characters will not be supported.

The image above is for illustration purposes only. Different steering wheel models and firmware versions may have varying interface designs.

Update

When the XS9 Dongle is connected to a WiFi network with internet access, please press and hold the update button for 3 seconds, then release it. Once the button is released, the steering wheel will enter the firmware update mode.

The XS9 Dongle will automatically download the latest firmware from the Leoxz remote server via WiFi for the update. During the update process, the steering wheel screen will display the update progress.



Note:

If the update process fails due to network issues, please try long-pressing the update button again to attempt the update once more. After the update is completed, it is necessary to completely disconnect the power supply to the steering wheel and reconnect the steering wheel to the base to ensure that the hardware is fully reset. The update may clear the saved WiFi name and password on the steering wheel, so you may need to re-enter them after the update is finished.

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