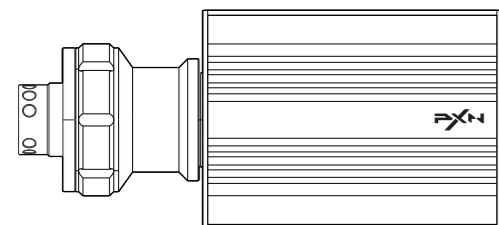




V12 DDL



DIRECT DRIVE
SERVO BASE

User Manual

Please read the manual carefully before using the product, and keep this manual for future reference.

Warning — Electrical Safety

- * Please connect, install and remove this product with proper force, don't twist or pull the connectors and cables.
- * Avoid getting water or other liquids on product or its connectors.
- * Please keep the product in dry place and keep away from fire, don't expose the product in humid conditions, high temperature or a dusty environment.
- * Please use the power cables provided with the base, do not use other power cables.
- * Please don't use the power cable if the cable or its connector is damaged, cracked, or broken.
- * Make sure the power supply cable is properly plugged into the power outlet and properly connected to the connector on the back of the steering wheel base.
- * Please don't disassemble, refit or repair on your own. Any repairs must be carried out by the manufacturer, the authorized representatives or qualified technicians.
- * Please use the attached system/ accessories specified by manufacturer only.
- * If any unusual sound, heat or odor occurs with this product, please stop using it and disconnect the power cable from the power outlet and cut off other cables.
- * If the product is not used for a long time, please disconnect the power cable from the power outlet, which must be located near the product and must be easy to plug and unplug the power cable.

Warning — Possible injuries caused by force feedback and repetitive movements

To avoid any accident, please take below advice for reference:

- * Avoid lengthy gaming periods.
- * Take a break of 10 to 15 minutes after each hour of using this product.
- * If you feel any fatigue or pain in your hands, wrists, arms, feet or legs, please stop playing and rest for a few hours before you playing again.
- * If the symptoms or pain indicated persist when you start playing again, please stop playing and consult your doctor.
- * Please keep out of children's reach.
- * Ensure that the steering wheel base is secured according to the instructions in this manual.

Ventilation

Make sure not to block any of the air vents on the steering wheel base. For optimal ventilation, please make sure to do the following:

- * Keep the steering wheel base at least 10cm away from any wall.
- * Do not place the base in any confined space.
- * Do not cover the base.
- * Do not let any dust build up on the air vents.

Temperature

- * If the device's temperature becomes too high(60°C and above) due to ventilation, environment, usage or other reasons,the base motor will automatically reduce the output power.
- * If the device's temperature becomes too high(70°C and above) due to ventilation, environment, usage or other reasons,the base motor will automatically power OFF.
- * Do not touch any part of the motor when the output power of the base motor is reduced or power OFF due to high temperature.

The product can only be operated by users aged 16 or above.

Heavy Product

Be careful not to drop the product on yourself or on anyone else !

Automatic Calibration

The steering wheel will automatically calibrate after successful connection and power ON. During calibration, the motor will rotate quickly towards the left and the right before stopping at the center. To avoid improper calibration or personal injuries, please don't touch the steering wheel during the auto- calibration.

If the product do not operate correctly, or if calibration seems incorrect :

Turn off the game console/PC and disconnect your steering wheel entirely. Then reconnect all cables and accessories as well as restart the console or PC and then enter the game again.

ENGLISH

01 System Requirement

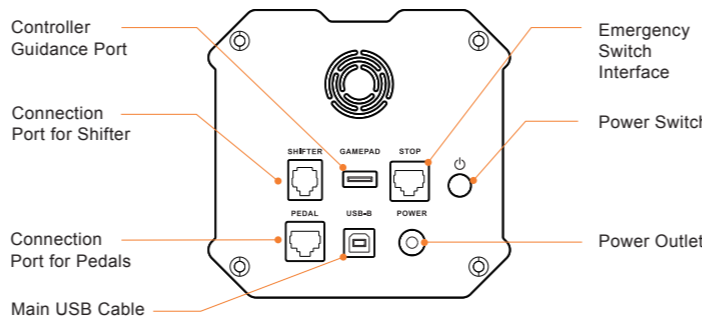
Supported platform: PC, PS4, X-ONE, X-SERIES X|S

System requirement on PC: Windows 7 / 8 / 10 / 11

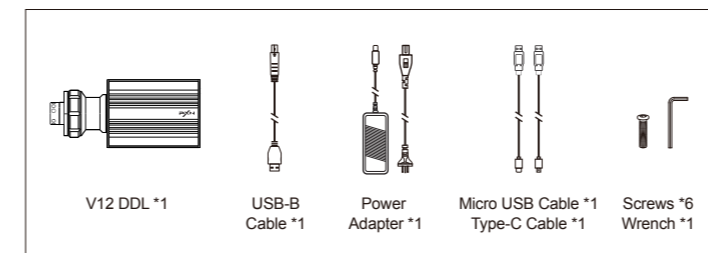
Note: Original controller should be used for guidance while playing on PS4 and X-ONE / X-Series X|S platforms.

Steering wheel requirement: PXN steering wheel

02 Back Interface of Wheel Base



03 Product Contents



04 Installation

The steering wheel base should be equipped with the brackets or steering seat that can lock screws and stabilize the load.

- Step 1 Place the base in the proper position and align the bottom screw hole with the mounting hole.
- Step 2 Use the Allen wrench to tighten the screws.
- Step 3 Align the top 6 steel balls and bottom 4 steel balls of steering wheel with the corresponding notches on the base's quick release first. Then press the quick release gold part towards the panel and then release. The automatic locking installation is completed at this time.

05 Connect with PC

* This product needs to be used with the PXN racing wheel.

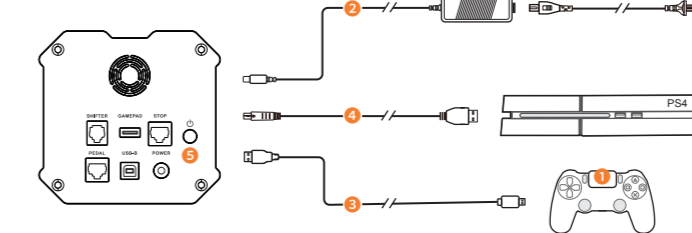
- Step 1 Install the PXN racing wheel to the base properly as required.
- Step 2 Connect the base to the power adapter for power supply.
- Step 3 Use the USB-B cable to connect the base to the USB port on the PC.
- Step 4 Press the power switch on the back of the base and the racing wheel will self-test and return to the center.
- Step 5 After successful connection, the racing wheel RGB light will be on red by default.

06 Connect with PS4

* This product needs to be used with the PXN racing wheel.

- Step 1 Before connecting, please make sure the PS4 console is ON and the PS4 original controller is OFF. (Long press the PS button on the controller until the controller LED is off to turn it off)
- Step 2 Connect the base to the power adapter for power supply.
- Step 3 Use the Micro USB cable to connect the PS4 original controller to the controller guidance port on the back of the base.
- Step 4 Use the USB-B cable to connect the base to the USB port of the PS4 console.
- Step 5 Press the power switch on the back of the base, and the racing wheel will self check and return to the center.
- Step 6 Press the PXN button on the racing wheel to enter the console user page, then press the [X] button on the wheel to identify the user and control the console, the racing wheel RGB blue light is always ON by default after the successful connection.

[PS4 Connection Diagram]

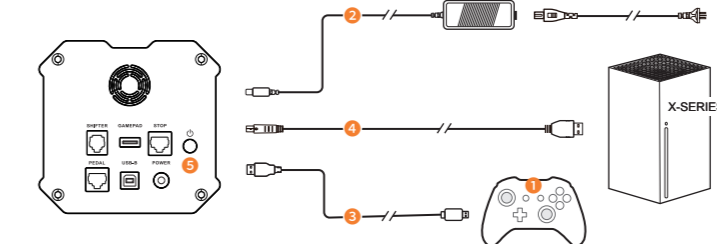


07 Connect with X-ONE / X-SERIES X|S

* This product needs to be used with the PXN racing wheel.

- Step 1 Before connecting, please make sure the Xbox console is ON and the Xbox original controller is OFF. (Long press the Xbox button on the controller and select Turn OFF controller on the console)
- Step 2 Connect the base to the power adapter for power supply.
- Step 3 Use the Micro USB cable/ Type-C cable to connect the Xbox original controller to the controller guidance port on the back of the base.
- Step 4 Use the USB-B cable to connect the base to the USB port of the Xbox console.
- Step 5 Press the power switch on the back of the base, and the racing wheel will self check and return to the center.
- Step 6 Press the PXN button on the racing wheel to the console homepage, the racing wheel RGB green light is always ON by default after the successful connection.

[XBOX Series X Connection Diagram]



08 Advanced Configuration Settings of Base

Download for iOS: App Store search [PXN Wheel].

Download for Android: Google Play search [PXN Wheel].

Download the APP [PXN Wheel] on the mobile phone to explore the high configuration settings of base. APP Function Introduction:

- Base effective rotation degree setting
- Adjustment of force feedback value of the base
- Function testing of the base

09 Attention

- Please read this user manual carefully before using the product.
- Avoid strong shocks or vibration and do not drop.
- Do not disassemble, modify and repair by yourself.
- Prevent water or other liquids from entering the product to avoid damage.
- Avoid storing in humid, high temperature, oily smoke and other places.
- Please handle it gently when connect and remove the product.
- Children should be under adult's supervision at all times when using this product.

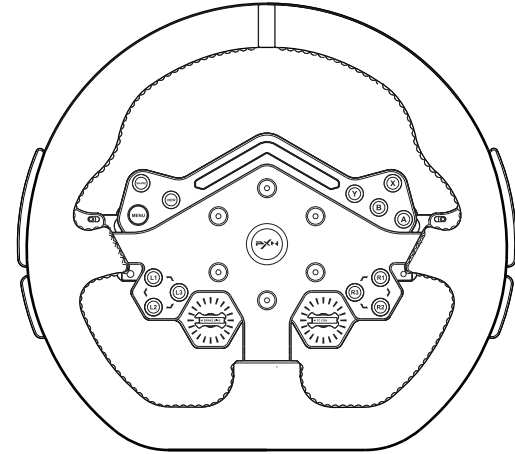
10 Product Specifications

Model	V12 DDL
Connection Method	Wired connection
Power Supply	Motor : DC24V USB : 5V
Working Current	Motor : 7.5A USB : ≤500mA when guiding
Package Size	About 410 * 394 * 191 mm
Product Size	About 120 * 120 * 278 mm
Product Weight	About 4900 g
Use Temperature	10-40 °C
Use Humidity	20~80 %

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PS4 is a registered trademark of Sony Computer Entertainment Inc. Xbox is a registered trademark of Microsoft Corporation.

All trademarks are the property of their respective owner. Technical specifications are subject to change. Information contained herein is subject to change without prior notice. ShenZhen PXN Electronics Technology Co., Ltd. shall not be made liable for any errors that may appear. Please keep this information for later reference.



STEERING WHEEL

User Manual

⚠ WARNING — Electrical Safety

- * Please connect, install and remove this product with proper force, don't twist or pull the connectors and interface.
- * Avoid getting water or other liquids on product or its connectors.
- * Please keep the product in dry place and keep away from fire, don't expose the product in humid conditions, high temperature or a dusty environment.
- * Please use the power cables provided with the base, do not use other power cables.
- * Please don't use the power cable if the cable or its connector is damaged, cracked, or broken.
- * Make sure that the power supply cable is properly plugged into the steering wheel's base.
- * Please don't disassemble, refit or repair on your own. Any repairs must be carried out by the manufacturer, the authorized representatives or qualified technicians.
- * Please use the attached system/ accessories specified by manufacturer only.
- * If any unusual sound, heat or odor occurs with this product, please stop using it.

⚠ WARNING — Possible injuries caused by force feedback and repetitive movements

- To avoid any accident, please take below advice for reference:
- * Avoid lengthy gaming periods.
 - * Take a break of 10 to 15 minutes after each hour of using this product.
 - * If you feel any fatigue or pain in your hands, wrists, arms, feet or legs, please stop playing and rest for a few hours. If the symptoms or pain indicated persist, please stop playing and consult the doctor.
 - * Please keep out of children's reach.
 - * During gameplay, please always keep your hands in the steering wheel in the correct position, not placed at random.
 - * During gameplay, please never place your hands or your fingers under the pedals or anywhere near the pedal set.
 - * During calibration and gameplay, please never place your hands or your arms through the openings in the steering wheel.



ALWAYS



NEVER



NEVER

The product can only be operated by users aged 16 or above.

⚠ Heavy Product

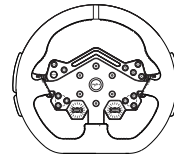
Be careful not to drop the product on yourself or on anyone else !

ENGLISH

01 System Requirement

Supported platform: PC, PS4, X-ONE, X-SERIES X|S
Base Requirement: PXN Base

02 Package Content



W DS *1



Paddle Muffler *4

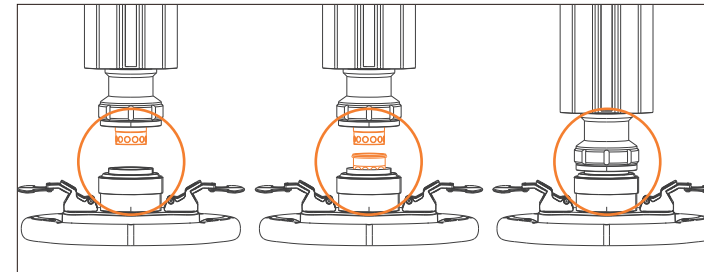


Wrench *1

03 Installation

* The steering wheel needs to be used with PXN Base

- Step 1 Align the top 6 steel balls and bottom 4 steel balls of steering wheel with the corresponding notches on the base's quick release.
- Step 2 Press the gold part of the quick release to the steering wheel plate.
- Step 3 Push the steering wheel towards the base and release the gold part of the quick release. The quick release will be automatically locked up.

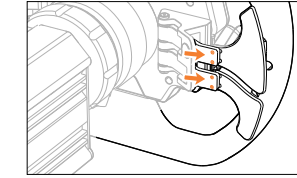


If you want to remove the steering wheel plate, press the gold part of quick release and pull out the steering wheel.

Note: After installation, please try to pull the steering wheel back to ensure that the steering wheel is firmly installed. If it is not securely installed, turn the steering wheel around or remove it and reinstall it and repeat the checking.

04 Paddle Adjustment

- Step 1 Use the allen wrench in the accessories kit to loosen the screws of the paddles counterclockwise.
- Step 2 Adjust the paddles to the right position and then tighten the screws clockwise.



05 Advanced Configuration Settings

Download for iOS: App Store search [PXN Wheel].
Download for Android: Google Play search [PXN Wheel].
Download the APP [PXN Wheel] for high configuration settings.

APP Function Introduction :

- Button mapping setting of steering wheel
- Game preset button configuration
- Button testing of steering wheel

06 Attention

- Please read this user manual carefully before using the product.
- Avoid strong shocks or vibration and do not drop.
- Do not disassemble, modify and repair by yourself.
- Prevent water or other liquids from entering the product to avoid damage.
- Avoid storing in humid, high temperature, oily smoke and other places.
- Please handle it gently when connect and remove the product.
- Children should be under adult's supervision at all times when using this product.

07 Product Specifications

Model	W DS
Connection Method	Quick Release System
Power Supply Type	Wireless Power Supply
Signal Transmission	Wireless Transmission
Package Size	About 410 * 394 * 174 mm
Product Size	About 300 * 300 * 96.5 mm
Product Weight	About 1465 g
Use Temperature	10-40 °C
Use Humidity	20~80 %

08 Pairing Method of Steering Wheel and PXN Base

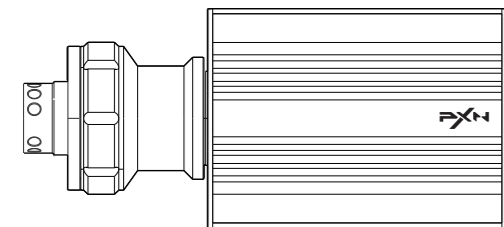
- Step 1 Install the base and steering wheel correctly according to the instructions. If the base and steering wheel are not paired, the LED light on the steering wheel will flash.
- Step 2 Press and hold view+L3 at this time until the LED light flashes rapidly.
- Step 3 Unplug and replug the USB-B cable on the back of the base.
- Step 4 Wait for the base to match the steering wheel. After the successful matching, the steering wheel will self check and the LED will remain on.

"PXN" is a registered trademark of ShenZhen PXN Electronics Technology Co., Ltd
PS4 is a registered trademark of Sony Computer Entertainment Inc.
Xbox is a registered trademark of Microsoft Corporation.

All trademarks are the property of their respective owner. Technical specifications are subject to change. Information contained herein is subject to change without prior notice. ShenZhen PXN Electronics Technology Co., Ltd. shall not be made liable for any errors that may appear. Please keep this information for later reference.



V12 DDL



DIRECT DRIVE
SERVO BASE

产品说明书

在使用本产品之前，请仔细阅读并保管好本手册。

警告 — 电源安全

- * 连接、安装和移除本产品时，注意适当用力，请勿扭曲或拉拽接口和线。
- * 请勿将任何液体溅到产品或其接口上。
- * 请将本产品置于干燥处，请勿将其投入火中以及暴露于潮湿、高温、油烟等环境下。
- * 请使用随底座提供的电源线，切勿使用除此之外的其他电源线。
- * 如果线缆或者其接口损坏、开裂或破损，请勿使用电源线。
- * 确保电源线正确插入电源插座，并正确连接到底座背面的接口。
- * 请勿自行分拆、改装及修理。任何维修必须由制造商、其授权代表或合格技术人员进行。
- * 只能使用制造商指定的附着系统或配件。
- * 如果本产品出现任何异常声音、发热或气味，请立即停止使用，将电源线从电源插座上拔掉并断开其他线缆。
- * 如果长时间不使用本产品，请从电源插座上断开电源线，电源插座必须位于设备附近，且必须方便插拔电源线。

警告 — 力反馈和重复动作可能造成的伤害

为避免发生意外，请参考使用建议：

- * 避免游戏时间过长。
- * 使用本产品每一小时之后应休息 10 到 15 分钟。
- * 如果感觉手、腕、臂、腿或脚出现任何疲劳或疼痛，请停止游戏并休息几个小时，然后再重新开始游戏。
- * 重新开始游戏之后，如果症状或疼痛持续存在，请停止游戏并咨询医生。
- * 请放在儿童接触不到的地方。
- * 确保赛车方向盘底座按照本手册的说明完成固定。

通风

确保未阻塞底座上的任何通气孔。为了实现最佳通风，请确保做到以下几点：

- * 底座与任何墙面至少保持 10cm 的距离。
- * 请勿将底座置于任何狭窄空间。
- * 请勿遮盖底座。
- * 请避免灰尘在通气孔堆积。

温度

- * 因通风、环境、使用等因素导致的电机温度过高 (60°C或以上) 时，底座电机将自动降低输出功率。
- * 因通风、环境、使用等因素导致的电机温度过高 (70°C或以上) 时，底座电机将自动断电。
- * 因温度过高导致底座电机降低输出功率或断电时，请勿触碰电机的任何一个部位。

本产品只能由年满 16 岁或以上的用户操作。

重型产品

注意不要将产品掉落在自己或任何其他人士上！

自动校准

将电源适配器连接本产品并通电之后，即可自动执行自校准。在自校准过程中，电机将进行左右旋转自检，然后在中心位置停下。为避免导致校准不正确或人员受伤，切勿在自校准过程中触摸本产品。

如果产品出现运行不正常或校准不当时：

关闭主机/ PC，并完全断开本产品电源。然后重新连接电源线和其他配件，并重新启动主机或 PC，然后重新进入游戏。

简体中文

01 系统要求

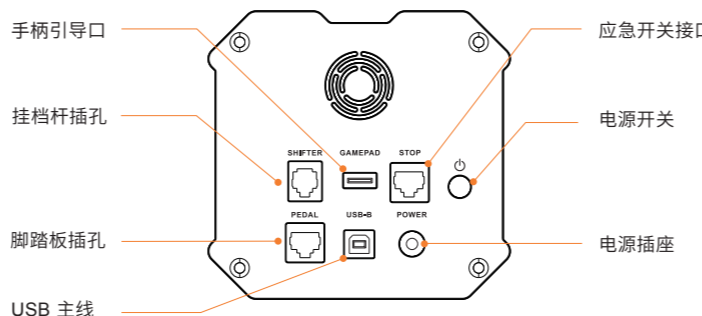
支持平台：PC, PS4, X-ONE, X-SERIES X|S

PC 电脑系统要求：Windows 7 / 8 / 10 / 11

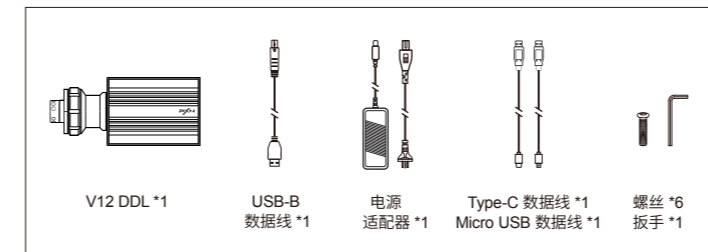
注：PS4 和 X-ONE / X-SERIES X|S 平台使用需要原装手柄进行引导

方向盘要求：PXN 方向盘

02 底座背面接口



03 产品清单



04 安装方法

底座需要搭配可以锁螺丝并能稳定承重的支架或者赛车座椅使用。

- 第一步 将底座放置到合适位置，并将底部螺丝孔对准安装孔位。
- 第二步 使用内六角扳手拧紧螺丝。
- 第三步 把方向盘快拆头的上方 6 颗以及下方 4 颗钢珠对准底座快拆底座上的对应凹槽，然后将快拆金色部分往盘面方向按压并松开，此时自动锁紧安装。

05 PC 电脑使用

* 本产品需要搭配 PXN 方向盘使用

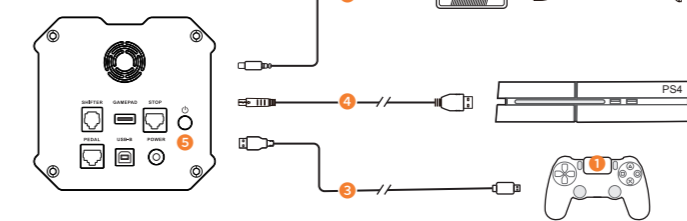
- 第一步 将 PXN 方向盘按要求正确安装到底座上。
- 第二步 将底座接入电源适配器进行供电。
- 第三步 使用 USB-B 数据线连接底座至 PC 电脑 USB 插口。
- 第四步 按下底座背部电源开关，方向盘将进行自检并回正。
- 第五步 连接成功后方向盘 RGB 灯默认红灯常亮。

06 PS4 主机使用

* 本产品需要搭配 PXN 方向盘使用

- 第一步 连接前请确认 PS4 主机处于开机状态，PS4 原装手柄处于关机状态。（长按手柄的 PS 键直至手柄灯条熄灭为关机状态）
- 第二步 将底座接入电源适配器进行供电。
- 第三步 使用 Micro USB 数据线将 PS4 原装手柄连接到底座背部手柄引导口。
- 第四步 使用 USB-B 数据线连接底座至 PS4 主机 USB 插口。
- 第五步 按下底座背部电源开关，方向盘将进行自检并回正。
- 第六步 按下底座 PXN 按键到主机用户页面，随即按下底座的 [X] 按键确定用户并控制主机，连接成功后方向盘 RGB 灯默认蓝光常亮。

【PS4 连接示意图】

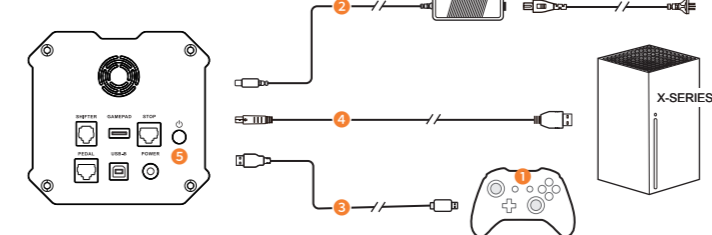


07 X-ONE / X-SERIES X|S 主机使用

* 本产品需要搭配 PXN 方向盘使用

- 第一步 连接前请确认 Xbox 主机处于开机状态，Xbox 原装手柄处于关机状态。（长按手柄的 Xbox 键在主机选择关闭控制器）
- 第二步 将底座接入电源适配器进行供电。
- 第三步 使用 Micro USB / type-C 数据线将 Xbox 原装手柄连接到底座背部手柄引导口。
- 第四步 使用 USB-B 数据线连接底座至 Xbox 主机 USB 插口。
- 第五步 按下底座背部电源开关，方向盘将进行自检并回正。
- 第六步 按下底座 PXN 按键到主机主页面，连接成功后方向盘 RGB 灯默认绿灯常亮。

【XBOX Series X 连接示意图】



08 底座高阶设置

iOS 下载地址：App Store 搜索【PXN 方向盘】。
安卓下载地址：www.e-pxn.com.cn。
在手机端下载【PXN 方向盘】APP 可探索底座高阶设置。

APP 主要功能说明：

- 底座转向有效角度设置
- 底座力反馈数值调节
- 底座功能测试

09 注意事项

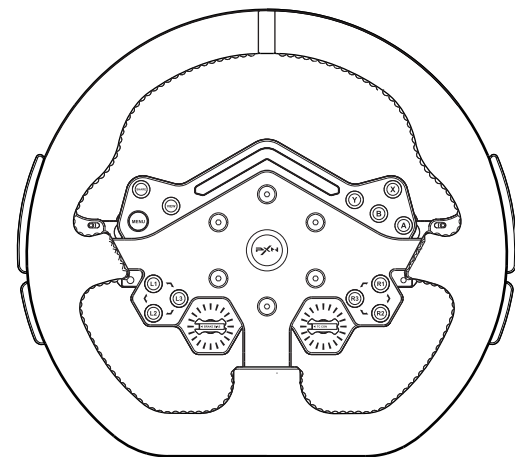
- 操作前请仔细阅读说明书。
- 避免强烈振动及重力跌落。
- 请勿自行分拆、改装及修理。
- 避免水或其它液体进入产品内部，以免造成损坏。
- 避免存放于潮湿、高温、油烟等场所。
- 连接和移除设备时，注意适当用力。
- 儿童需在成年人的监护下使用本产品。

10 产品规格

产品型号	V12 DDL
连接方式	有线连接
工作电源	电机：DC24V USB：5V
工作电流	电机：7.5A USB：引导时≤500mA
包装尺寸	约 410 * 394 * 191 mm
本体尺寸	约 120 * 120 * 278 mm
本体重量	约 4900 克
使用温度	10-40 °C
使用湿度	20~80 %



WDS



STEERING WHEEL

产品说明书

在使用本产品之前, 请仔细阅读并保管好本手册。

警告 — 电源安全

- * 连接、安装和移除本产品时, 注意适当用力, 请勿拉扯接口。
- * 请勿将任何液体溅到产品或其接口上。
- * 请将本产品置于干燥处, 请勿将其投入火中以及暴露于潮湿、高温、油烟等环境下。
- * 请使用随底座提供的电源线, 切勿使用其他电源线。
- * 如果接口损坏、开裂或破损, 请勿使用。
- * 确保正确连接到基座的接口。
- * 请勿自行分拆、改装及修理。任何维修必须由制造商、其授权代表或合格技术人员进行。
- * 只能使用制造商指定的附着系统或配件。
- * 如果本产品出现任何异常声音、发热或气味, 请立即停止使用。

警告 — 力反馈和重复动作可能造成伤害

为避免发生意外, 请参考使用建议:

- * 避免游戏时间过长。
- * 使用本产品每一小时之后应休息 10 到 15 分钟。
- * 如果感觉手、腕、臂、腿或脚出现任何疲劳或疼痛, 请停止游戏并休息几个小时, 然后再重新开始游戏。
- * 重新开始游戏之后, 如果症状或疼痛持续存在, 请停止游戏并咨询医生。
- * 请放在儿童接触不到的地方。
- * 在游戏过程中, 要始终保持双手在方向盘处于正确位置, 而不是随意放置。
- * 在游戏过程中, 切勿将手或手指放在踏板下方或靠近踏板的任何位置。
- * 在校准和游戏过程中, 切勿将手或手臂穿过方向盘的开口。



始终保持



绝对禁止



绝对禁止

本产品只能由年满 16 岁或以上的用户操作。

警告 — 重型产品

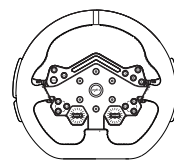
注意不要将产品掉落在自己或任何其他他人身上!

简体中文

01 系统要求

支持平台: PC, PS4, X-ONE, X-SERIES X|S
 底座要求: PXN 底座

02 产品清单



WDS *1



拨片消音片 *4

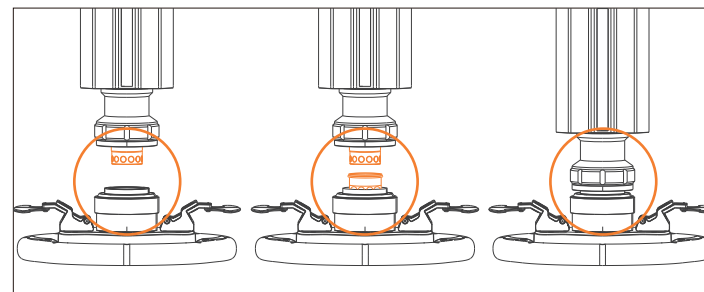


扳手 *1

03 安装方法

* 方向盘需要搭配 PXN 底座使用

- 第一步 将方向盘快拆头的上方 6 颗以及下方 4 颗钢珠对准底座快拆底座上的对应凹槽。
- 第二步 将快拆金色部分往盘面方向按压。
- 第三步 将方向盘推向底座并松开快拆金色部分, 此时快拆将自动锁紧。

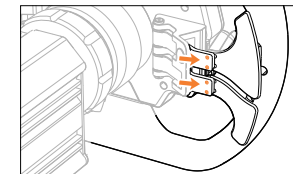


需要拆卸时按压快拆金色部分并拉出方向盘即可。

注: 安装后请尝试后拉方向盘, 确保方向盘安装牢固。若未安装牢固请左右转动盘面或拆卸后重新安装并重复此检查动作。

04 拨片调整

- 第一步 使用配件包中的内六角扳手逆时针拧松拨片螺丝。
- 第二步 调整拨片到合适位置后顺时针拧紧螺丝即可。



05 方向盘高阶设置

iOS 下载地址: App Store 搜索【PXN 方向盘】。
 安卓下载地址: www.e-pxn.com.cn。
 在手机端下载【PXN 方向盘】APP 可探索方向盘高阶设置。

APP 主要功能说明:

- 方向盘按键映射设置
- 游戏预设键位配置
- 方向盘按键测试

06 注意事项

- 操作前请仔细阅读说明书。
- 避免强烈振动及重力跌落。
- 请勿自行分拆、改装及修理。
- 避免水或其它液体进入产品内部, 以免造成损坏。
- 避免存放于潮湿、高温、油烟等场所。
- 连接和移除设备时, 注意适当用力。
- 儿童需在成年人的监护下使用本产品。

07 产品规格

产品型号	WDS
连接方式	快拆装置
供电方式	无线供电
信号传输	无线传输
包装尺寸	约 410 * 394 * 174 mm
本体尺寸	约 300 * 300 * 96.5 mm
本体重量	约 1465 克
使用温度	10-40 °C
使用湿度	20~80 %

08 方向盘与PXN底座配对方法

- 第一步 按照说明书要求正确安装底座和方向盘, 底座和方向盘未配对时方向盘 LED 灯会闪烁。
- 第二步 此时长按 view+L3, 直到 LED 灯快速闪烁时松手。
- 第三步 重新拔插底座背部的 USB-B 数据线。
- 第四步 等待底座和方向盘完成匹配, 完成匹配后方向盘会自检并且 LED 灯长亮。