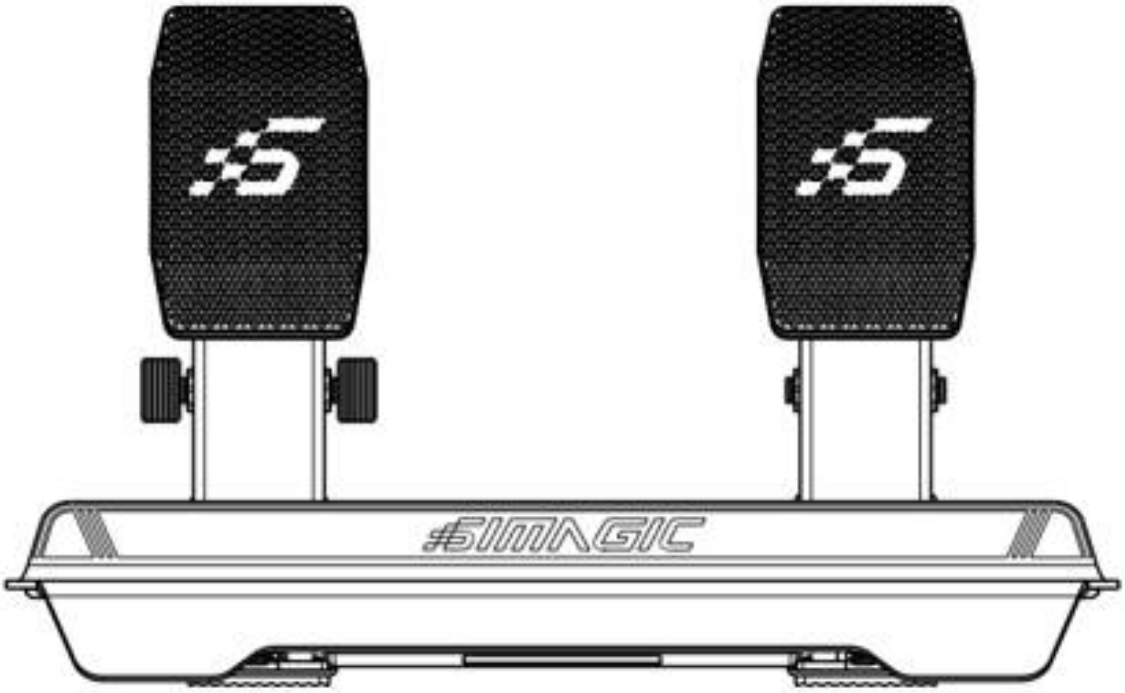
SIMAGIC
KEEP RACING



P700

USER MANUAL

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Thanks for choosing SIMAGIC. We can't wait to see you out on track. Before using your new P700 Pedals, please review this manual for essential information around installation, safe usage practices, and more.

KEEP RACING!

1.Introduction

1.1 Overview

Product Identification

Model: P700

Serial Number (S/N): The SIMAGIC product serial number (S/N) is an essential credential for after-sales service and technical support. Please keep it properly for future reference. The S/N consists of 10 or 14 digits and is clearly printed and affixed to both the product packaging label and the product body.

Designed by: SHEN ZHEN SIMAGIC TECHNOLOGY CO.,LIMITED

Manufacturer: Speed sim industry (Shenzhen) Co. LTD

- **Address:** Building 10, DCC Cultural and Creative Park, South China City, Pinghu Street, Longgang District, Shenzhen, China
- **Email:** support@simagic.com

Contact Information within EU:

- **Address:** Bureau 450, 37 passage du Ponceau, Paris, France 75002
- **Tel:** +33-170613157
- **Email:** admin@mega-lages.com

MADE IN CHINA

Date of Manufacture: Please refer to the label on the product, packaging, or nameplate. Scan the serial number on the package for confirmation.

P700 Pedals

From Entry Level to Pro Performance, All in One.

- **Full-Range Adaptive Sensing Tech:** Automatically adjusts gain for stable, controllable braking from light taps to hard stops, making lap times easier to replicate.
- **Dual Sensor System for Superior Realism:** Combines Hall sensors and load-cell pressure sensing to accurately capture every braking input with high fidelity.
- **150KG Load Cell Sensor:** Pro-grade precision and consistency, ready to perform straight out of the box.
- **35 Adjustable Brake Settings:** Switch instantly between GT4, TCR, and everything in between.

- **Quick-Change Brake Setup:** Adjust from a beginner-friendly set to race-ready brakes with a simple adjustment system.
- **Silicone Heel Plate:** Premium barefoot-friendly design for a smoother, more natural feel.
- **All-Metal Design:** Built from high-strength steel and engineered for durability, staying solid even under intense racing.
- **Fully Adjustable Fit:** Fine-tune angle, height, and spacing to match your seating position, foot size, and driving style.
- **P-HPR Haptic Module Ready:** Add race pulse feedback modules for heightened immersion.
- **Flexible Mounting Options:** Carpet or wall install for a secure, race-ready setup in any space.
- **Next-Gen SimPro Manager V3.0.0:** Adjust deadzones, curves, vibration, amplitude, and response with ease.

1.2 Specifications

Product Name	P700 Pedals
Product Model	P700
Resolution	12-bit (4096) High-Accuracy Sensor
Compatibility	PC / SIMAGIC Wheelbase
Electrical Parameters	DC:5V/2A 10W MAX
Adjustable Travel	Supported
Adjustable Pedal Force	Clutch/ Brake/ Throttle
Sensor System	Clutch-Angle Sensor Brake-Angle Sensor and Load Cell Sensor Throttle-Angle Sensor
Load Cell Range	150kg (Included)
Adjustable Angle/ Position	Supported
Adjustable Linearity	Supported
Adjustable Brake Force	Supported
Adjustable Deadzones	Supported
Pedal Control Box	Included
Material	Q235 Sheet Metal, Injection-Molded Plastic, Silicone
Dimensions	358x413x218mm
Net Weight	3.6kg(without C-P700 Pedal Clutch) 4.8kg (with C-P700 Pedal Clutch)
Included Accessories	Installation Kit / Brake Performance Kit / Cable Kit
Optional Accessories	C-P700 Pedal Clutch (C-P700) / P-HPR GT Linear Haptic Pedal Reactor / P-HPR Linear Haptic Pedal Reactor / P700 Wall Mount (P700-WM) / P-APS Peripheral Power Supply

* Specifications subject to change without notice.

1.3 Package Contents

P700 Pedals (Accessories) Includes:

Installation Kit:

- Socket Head Cap Screw (M6-12) × 4
- Countersunk Hex Screw (M6-14) × 4
- Countersunk Hex Screw (M5-8) × 10
- Lock Nut (M6) × 4
- Profile T-slot Nut (Spring-loaded) (M6-40) × 4
- Carpet Grip Pad × 4
- Cable Clip × 2
- Open-End Wrench (10mm) × 1
- Allen Key (3mm / 4mm / 5mm) × 1

Brake Performance Kit:

- Large Elastomer (55D) × 3
- Large Elastomer (75D) × 3
- Small Elastomer (55D) × 1
- Small Elastomer (75D) × 1
- Compression Spring (Silver) × 1
- Compression Spring (Black) × 1
- Long Spring (Gold) × 1
- Elastomer Bracket × 4

Cable Kit:

- Cable × 1
- USB Cable × 1

C-P700 Pedal Clutch (Accessories) Includes:

Installation Kit:

- Socket Head Cap Screw (M6-12) × 2
- Countersunk Hex Screw (M6-14) × 2
- Countersunk Hex Screw (M5-8) × 6
- M6 Lock Nut × 2
- Profile T-slot Nut (M6-40) × 2
- Carpet Grip Pad × 2

P700-WM Wall Mount (Accessories) Includes:

Installation Kit:

- Countersunk Hex Screw (M5-10) × 6
- Pan Head Hex Screw (M5-12) × 6
- M5 Lock Nut × 4
- Allen Key 3mm × 1
- Open-End Wrench 8mm × 1

1.4 Certification Information

FC	This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.
CE	The device is CE certified and meets the requirements of the European Union Directive 2014/53/EU on radio equipment.
VCCI	本機器は、民間情報処理装置障害自主規制協議会（VCCI）のクラス B 情報通信機器の基準を満たしており、家庭及びそれに類する生活環境での使用に適しています。
	These symbols indicate that you must follow the Waste Electrical and Electronic Equipment (WEEE) and Waste Battery and Battery Regulations when disposing of the device, its batteries and accumulators, and its electrical and electronic accessories. According to the rules, this equipment must be disposed of separately at the end of its service life. Do not dispose of the device, its batteries and accumulators, or its electrical and electronic accessories together with unsorted municipal waste, as this will harm the environment. To dispose of this equipment, it must be returned to the point of sale or turned in to a local recycling facility. You should contact your local household waste disposal service for details.
RoHS	This device complies with the requirements for the restriction of hazardous substances (RoHS) in electrical and electronic equipment as stipulated in Directives 2011/65/EU and 2015/863. The content of hazardous substances including lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBBs), polybrominated diphenyl ethers (PBDEs) and four phthalates in its homogeneous materials is below the statutory limit values.
REACH	The device complies with the requirements of Regulation (EC) No. 1907/2006 concerning Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).
	This product complies with the requirements of the Australian and New Zealand Radiocommunications Act (RCM), meeting Electromagnetic Compatibility (EMC) and electrical safety standards.
EAC	The product has passed all evaluation procedures established in the technical regulations of the Customs Union and complies with the norms of the Customs Union countries.

2.Instructions for Use

2.1 User Tutorial

Thank you for purchasing the SIMAGIC P700 Pedals. Before setting up the product, carefully read all the documentation that came with the package.

- For information about firmware upgrades, please check https://simagic.com/pages/download-center

* The related files are game adaptation files developed by SIMAGIC for SIMAGIC-compatible devices. To safeguard users' legal rights and interests, please download all files through SIMAGIC's designated channels.

- Please visit the SIMAGIC official website (https://simagic.com/pages/product-tutorial) for tutorial videos showcasing different product setup options and usage techniques. Learn more about the development behind our products.
- Please visit https://simagic.com/pages/telemetry-support to access the list of games supported by this product. Note that using this product in non-supported games may result in certain functions not working as intended.

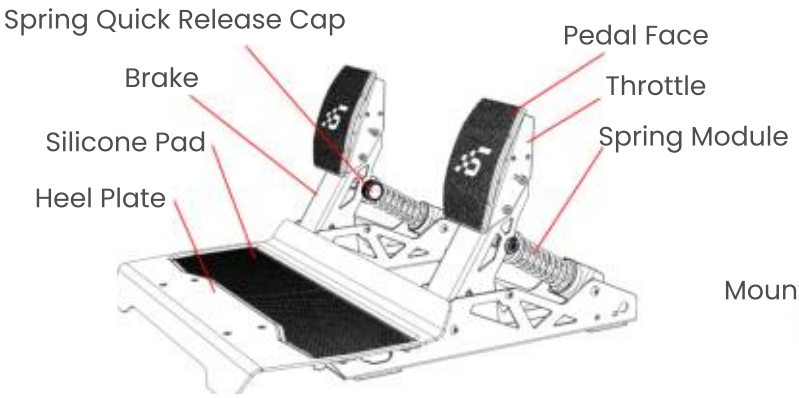

This product is intended for indoor use only.

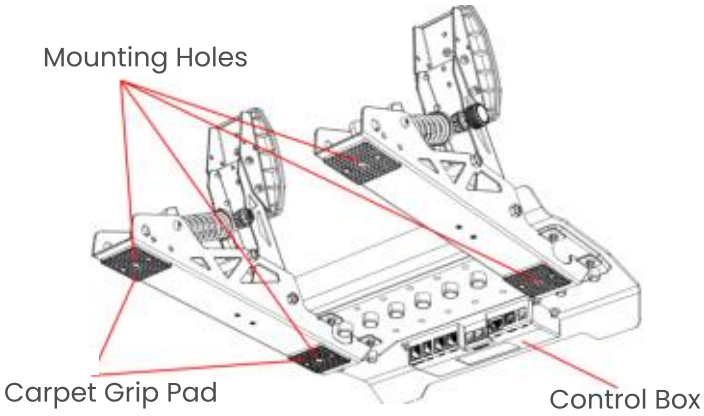


Recommended ages: 15 and above 

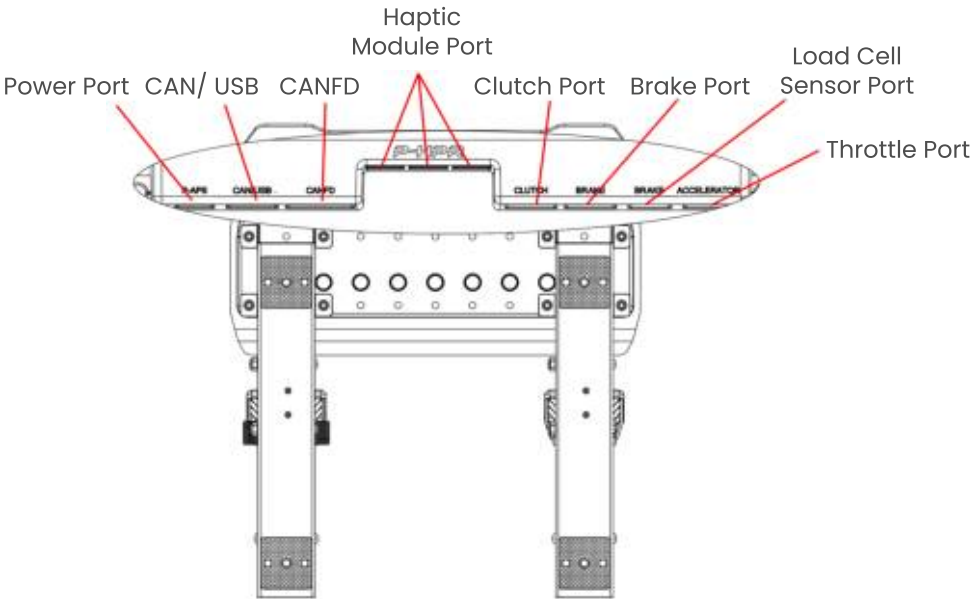
2.2 Function Overview

2.2.1 Pedals

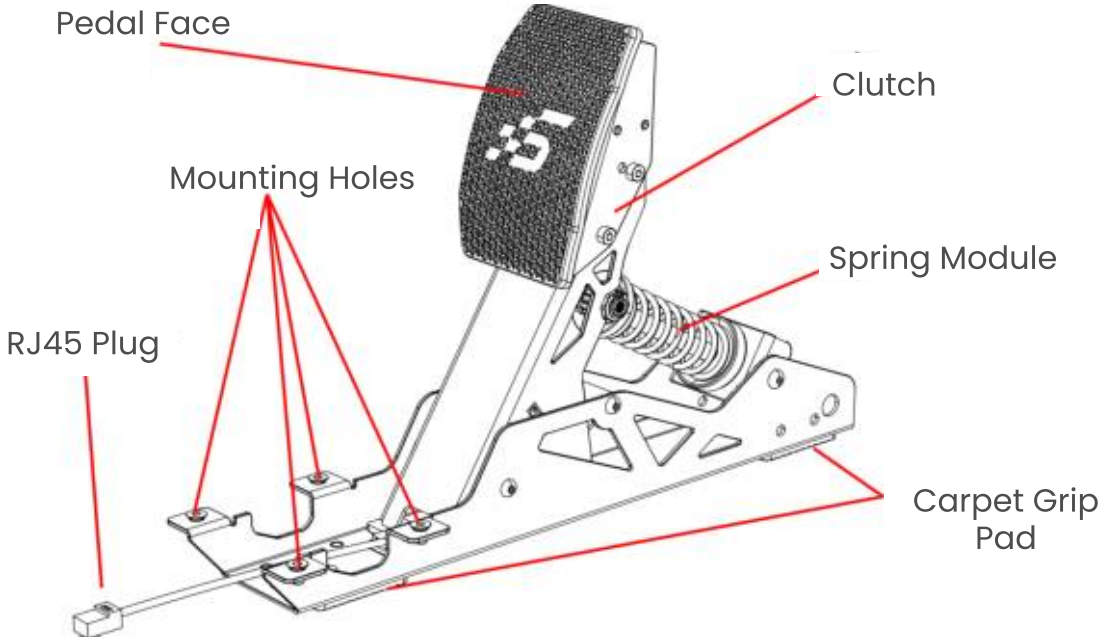




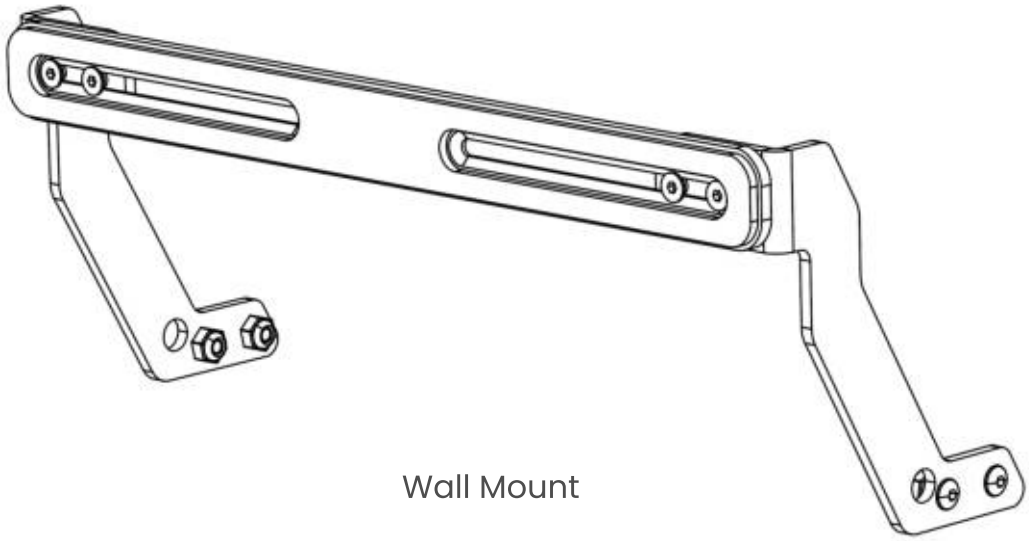
2.2.2 Control Box Port



2.2.3 C-P700 Pedal Clutch (Optional)



2.2.4 P700-WM Wall Mount (Optional)

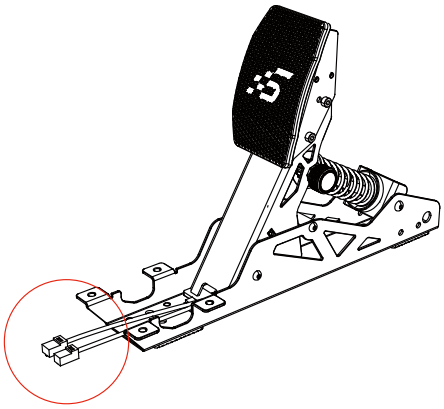


2.3 Pedal Installation Guide

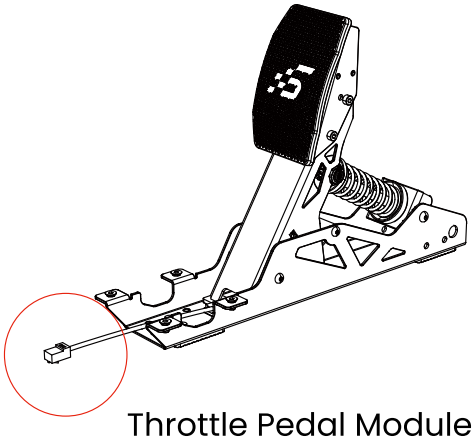
This section provides instructions for setting up and initializing your pedals.

*Please avoid using the product without proper mounting, as your pedals may shift during operation and could potentially cause injury.

2.3.1 Pedal Module Installation



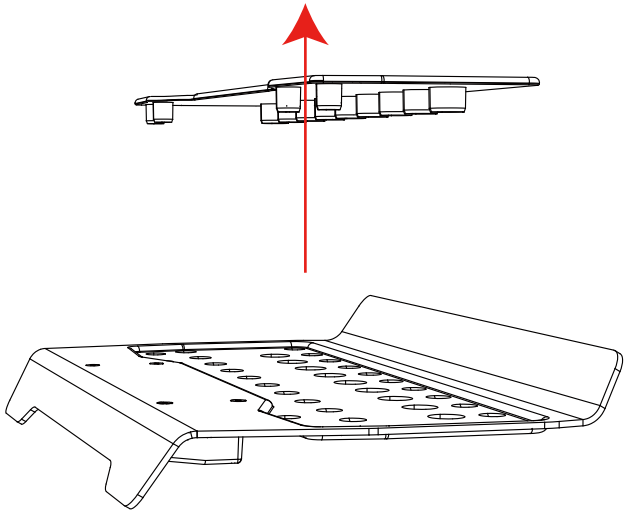
Brake Pedal Module

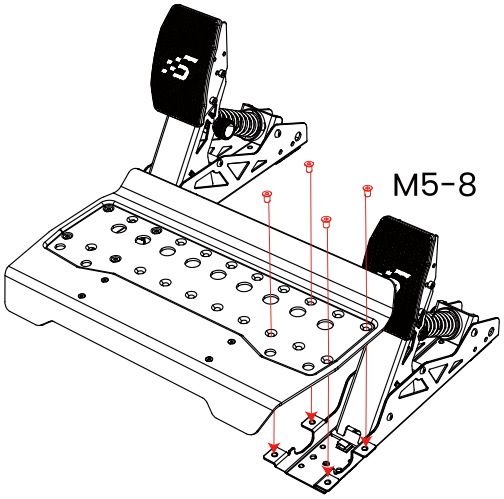


Throttle Pedal Module

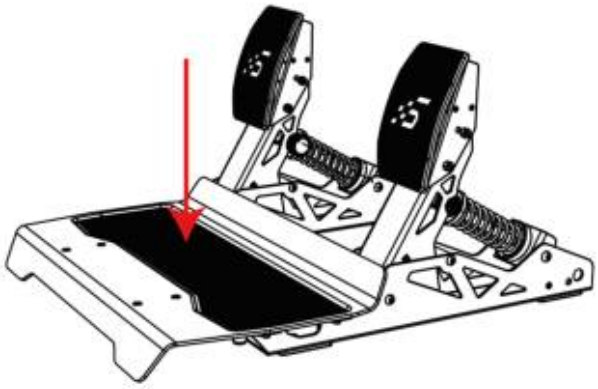
The brake pedal is typically installed on the left,
and the throttle pedal on the right.

Lift the silicone foot mat
from the pedal plate.





Secure the pedal modules to the pedal plate using 4 x Countersunk Hex Screws(M5-8). Choose the mounting position that provides the most comfortable driving experience.



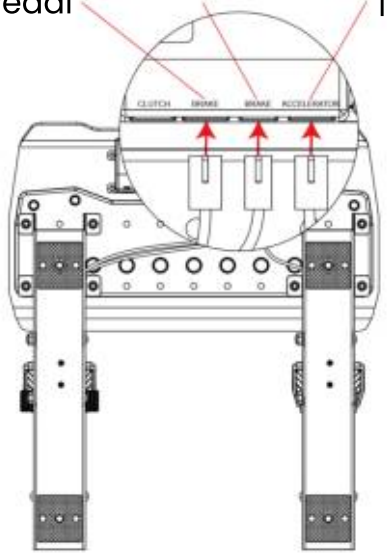
Replace the silicone foot mat after installation.

2.3.2 Wiring Instructions

Brake Pedal Load Cell Sensor (Narrow Port)

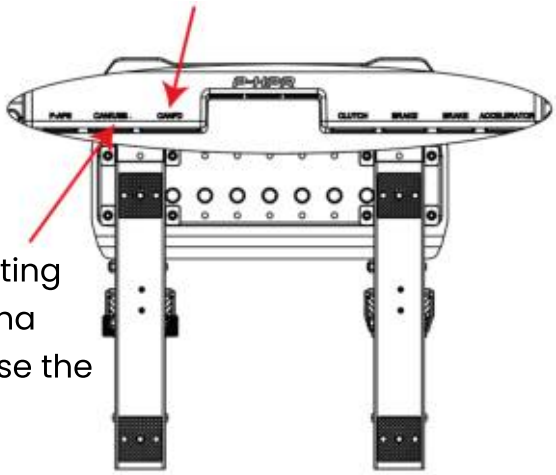
Brake Pedal

Throttle Pedal



Flip the P700 pedals over to access the bottom for wiring. Insert each plug into its corresponding pedal port. The brake pedal's narrow RJ plug should be connected to the pressure sensor port.

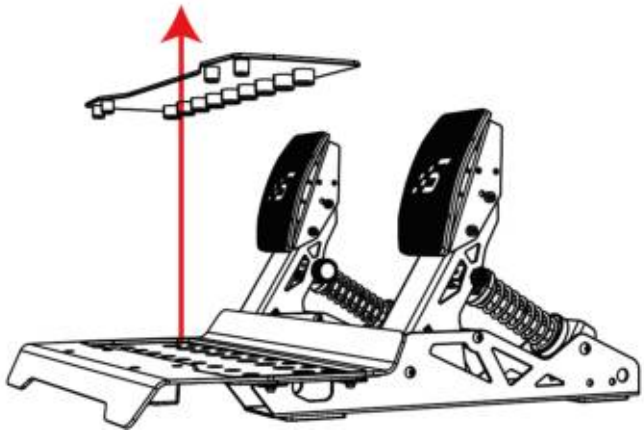
Use the cable to connect to wheelbase.



When connecting to a PC or Alpha series base, use the USB cable.

2.3.3 Installation Scenarios

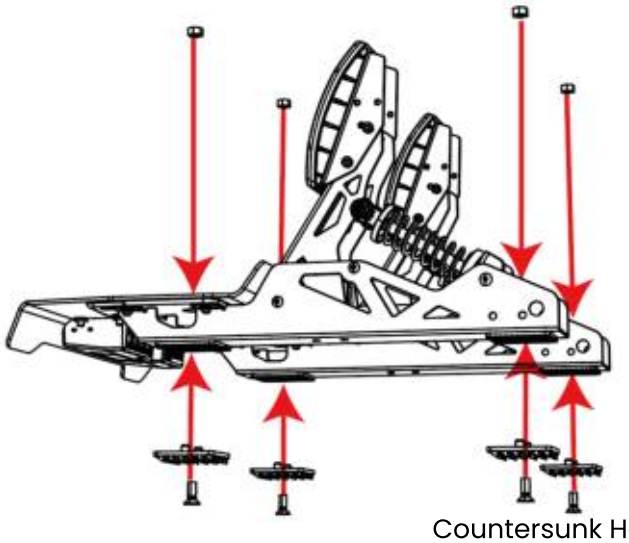
Lift the silicone foot mat from the pedal plate.



① Carpet Use

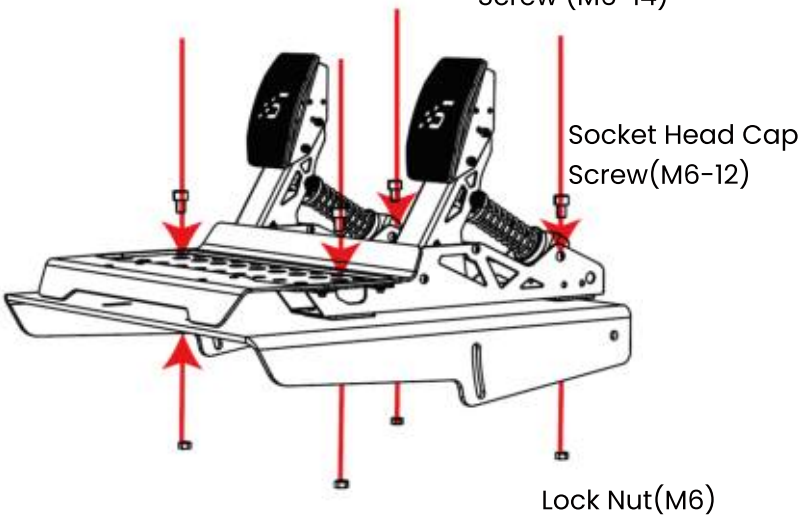
Attach the carpet grip pad to the pedal bottom using 4x Countersunk Hex Screws (M6-14) and 4x Lock Nuts (M6).

Place the pedals directly on the carpet after securing.



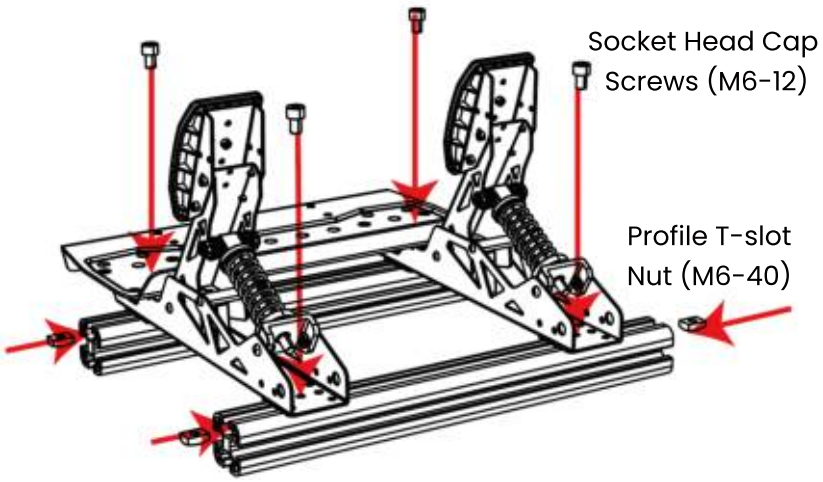
② Pre-Built Rig Mounting

Mount the pedals to the rig using 4x Socket Head Cap Screws(M6-12) and 4x Lock Nuts(M6).



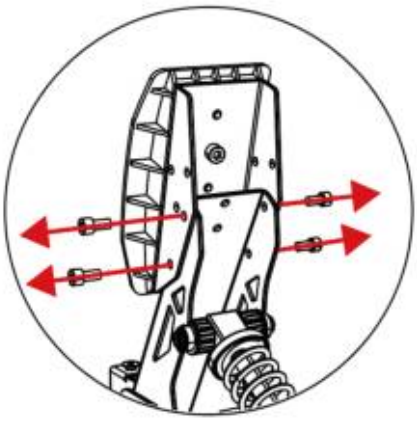
③ Profile Rig Mounting

Mount the pedals to an aluminum profile rig using 4x Socket Head Cap Screws (M6-12) and 4x Profile T-slot Nuts (M6-40).

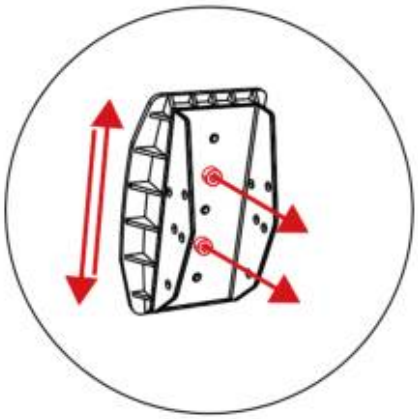


2.3.4 Pedal Adjustment

① Pedal Height Adjustment

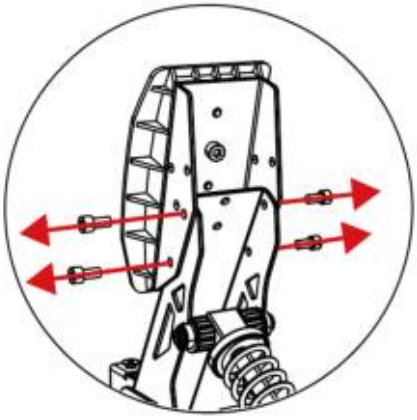


Remove the 4 screws.

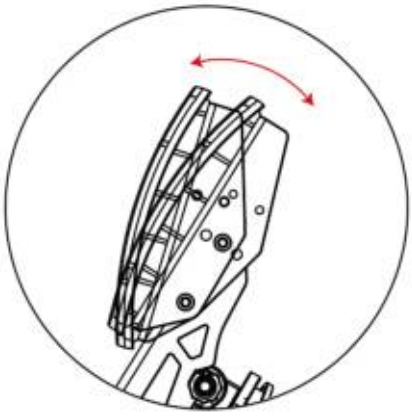


Then remove 2 rear screws to adjust the pedal face height.

② Pedal Face Angle Adjustment



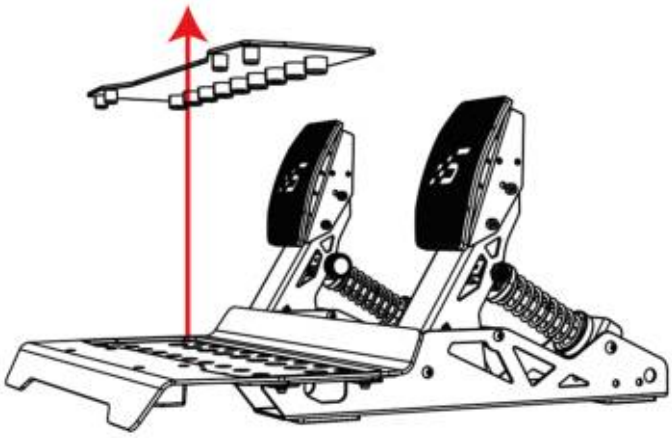
Remove the 4 screws.



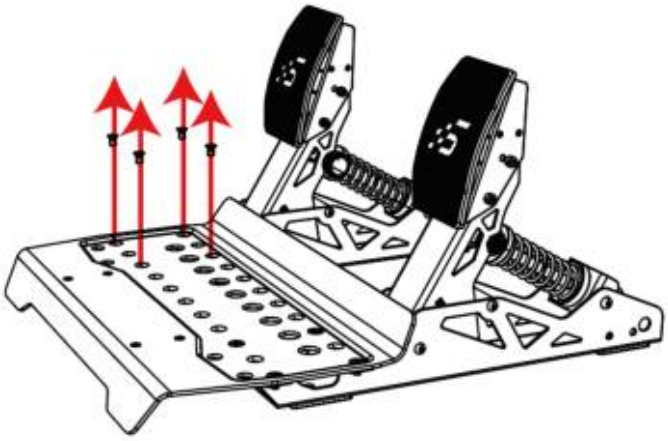
Reinstall in the desired hole positions to adjust the pedal face angle.

③ Pedal Spacing Adjustment

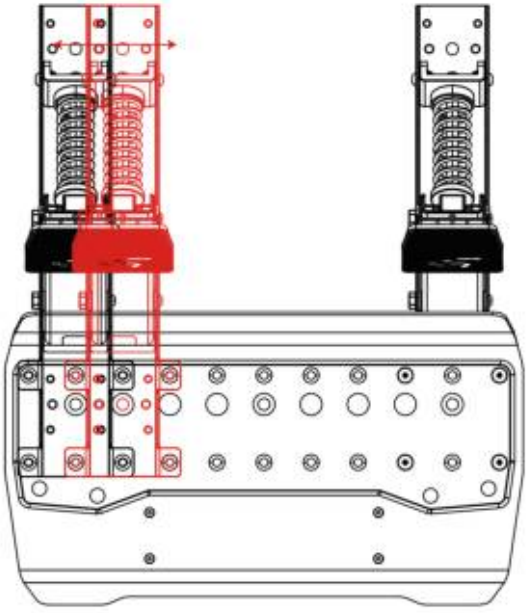
Lift the silicone foot mat from the pedal plate.



Remove the 4x screws securing the pedals.



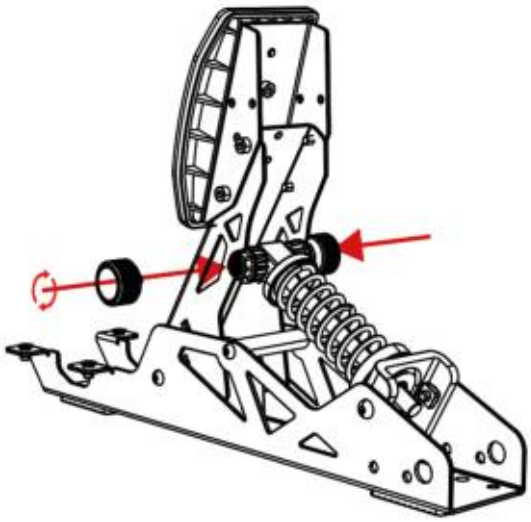
Reposition the pedals by aligning it with the desired mounting holes.



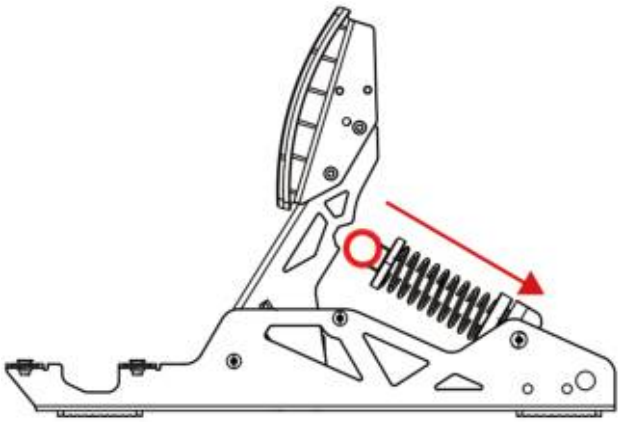
2.3.5 Spring Replacement

① Removing the Spring Module

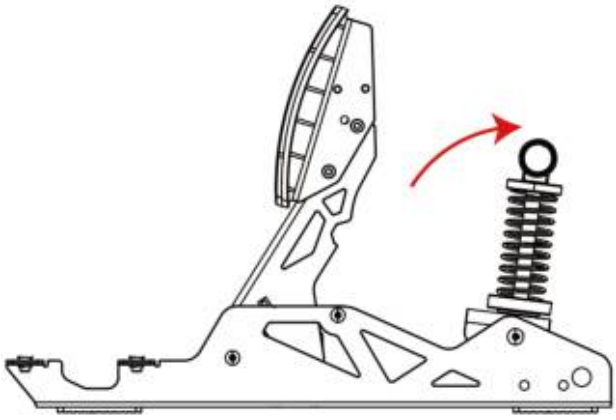
Attach the knob to the spring module you want to replace.



Press the knob to compress the spring.

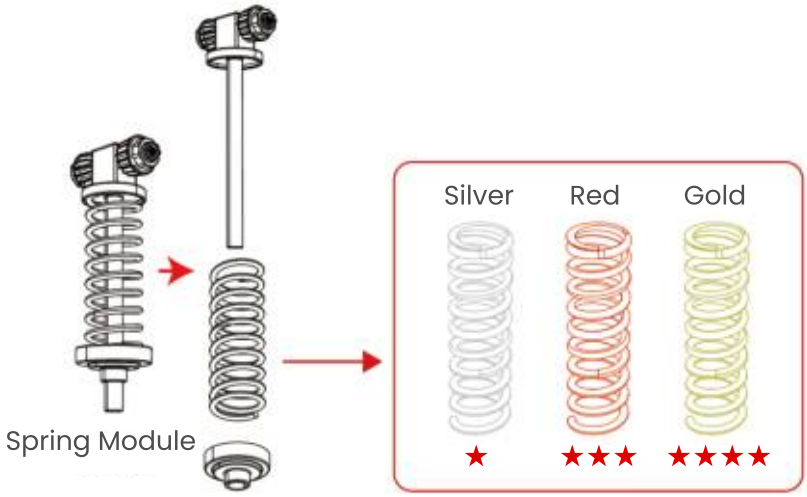


Rotate and remove the spring module for replacement.



② Replacing with a Suitable Spring

Replace with a spring of preferred stiffness as needed (Refer to the color-coded spring hardness markings).

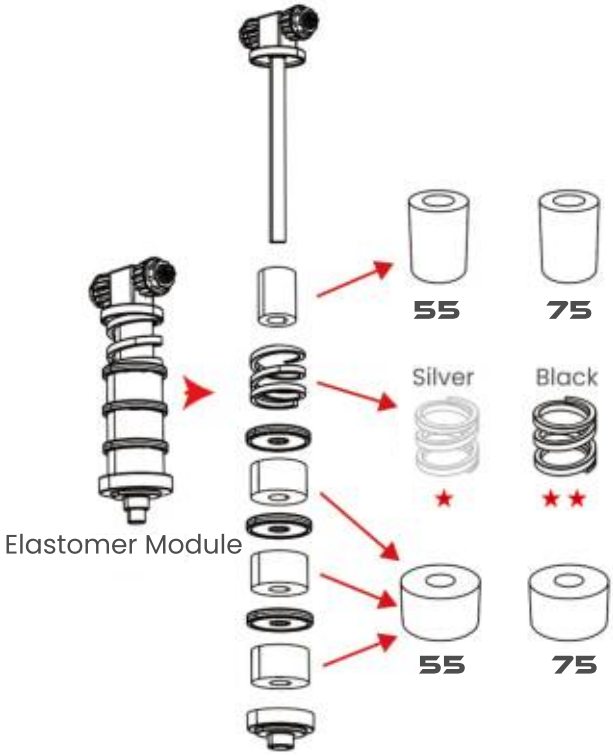


③ Replacing with a Suitable Elastomer

The brake pedal module supports optional elastomer installation.



Replace with springs or elastomers of preferred stiffness as needed (Refer to the color and number markings for spring and elastomer hardness).

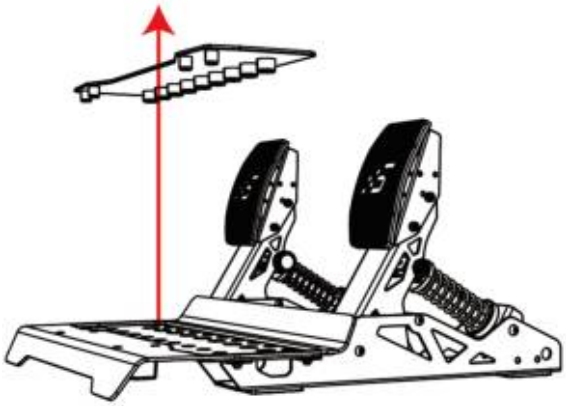


2.4 Clutch Installation Guide

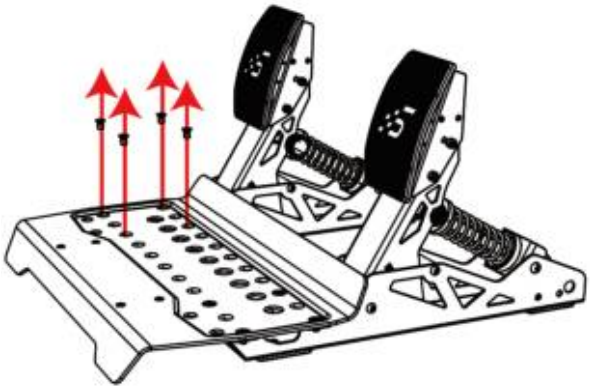
Note: C-P700 Pedal Clutch is an optional accessory.

2.4.1 Repositioning the Brake Pedal

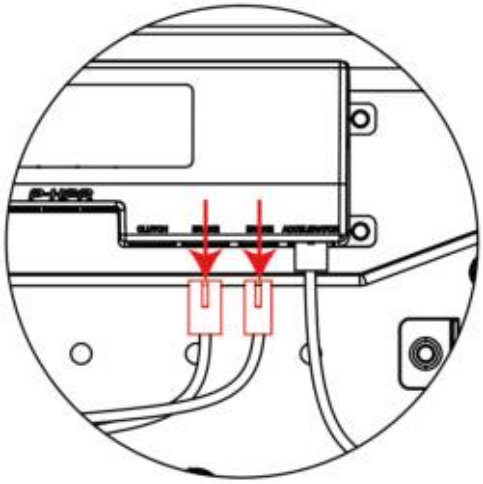
Lift the silicone foot mat from the pedal plate.



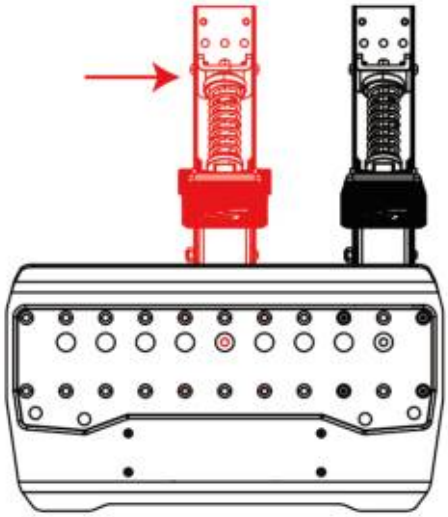
Remove the 4 screws securing the brake pedal.



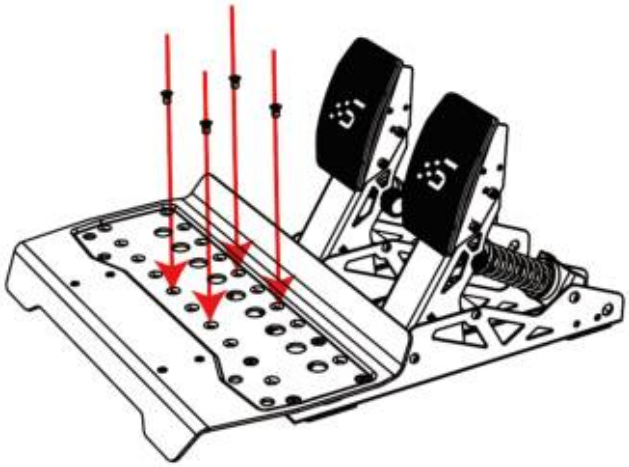
Flip the P700 pedals over and disconnect the brake pedal cable.



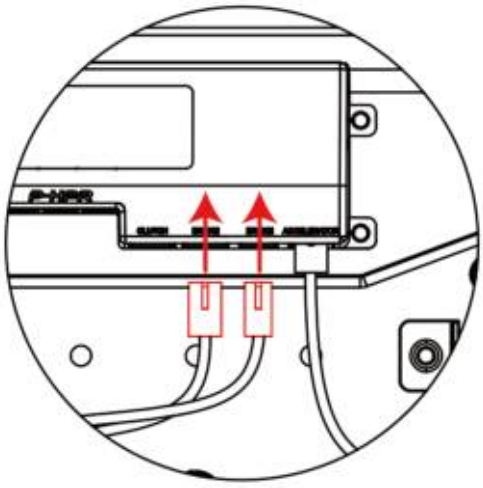
Reposition the brake pedal to the desired mounting hole based on your setup preference.



Tighten the screws to secure it in place.

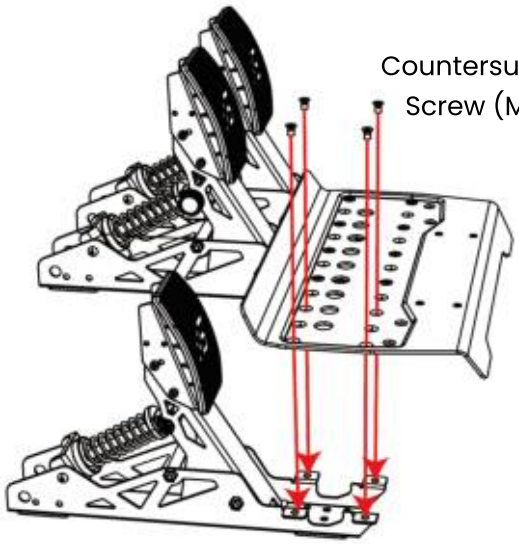


Reconnect the brake pedal cable.

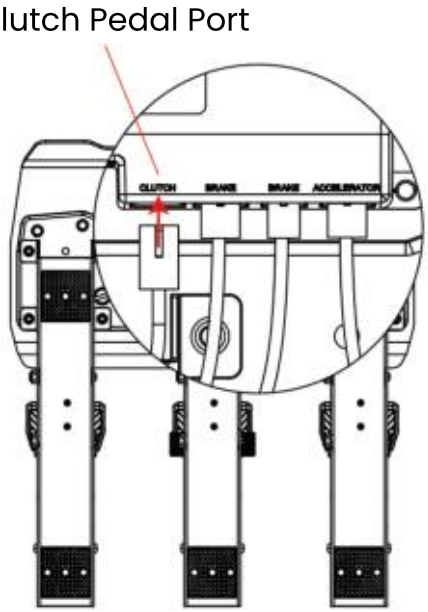


2.4.2 Installing the Clutch Pedal

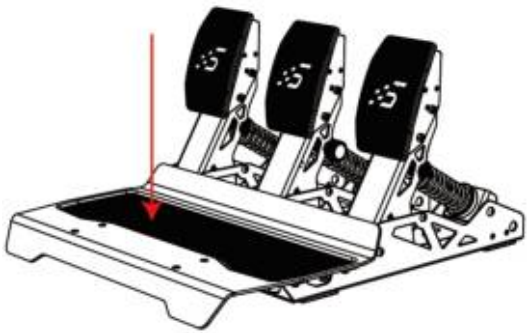
Use countersunk hex screws (M5-8) to install the clutch pedal to the left of the brake pedal. Select the mounting hole that suits your preference.



Insert the clutch pedal cable (RJ11) into the clutch pedal port.



Replace the silicone floor mat, installation is complete.

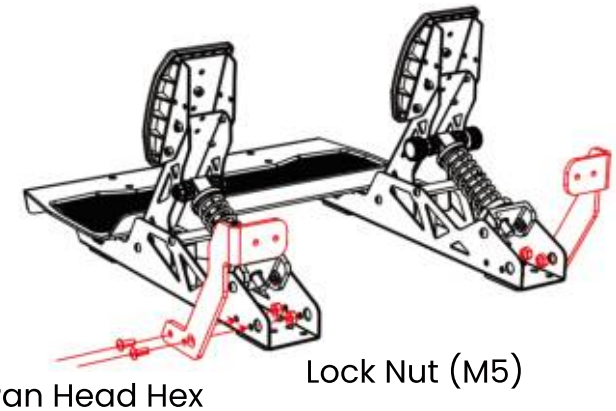


2.5 Wall Mount Installation Guide

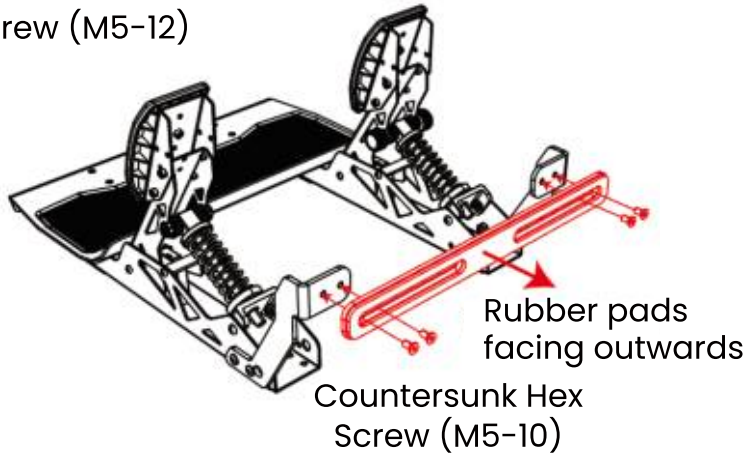
Note: P700-WM Wall Mount is an optional accessory.

2.5.1 Installation Instructions

Use 2 x Pan Head Hex Screws (M5-12)and 2x Lock Nuts (M5) on each side to attach the side brackets of the wall mount to both sides of the pedals assembly.

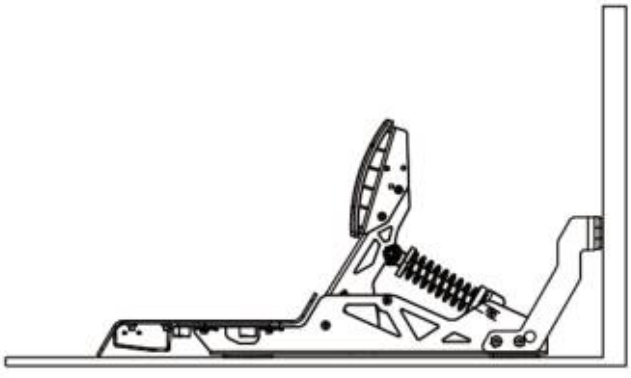


Use 4x Countersunk Hex Screws (M5-10) to secure the wall plate to the two side brackets. The slotted holes on the wall plate support the full adjustment range of the P700 pedals module.



2.5.2 Usage

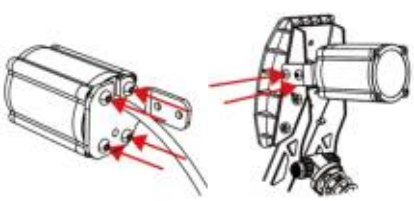
Once installed, the wall mount allows you to cleanly place the pedals directly against a wall.



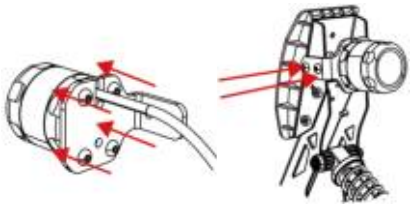
2.6 Haptic Pedal Reactor Installation Guide

Note: Haptic Pedal Reactors are optional accessories.

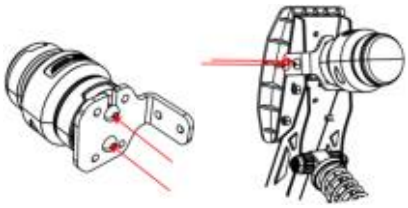
2.6.1 Haptic Pedal Reactor Installation



P-HPR



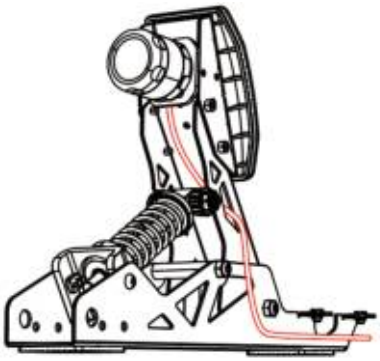
P-HPR GT



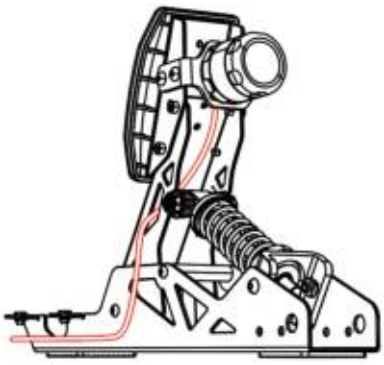
P-HPR Neo

Attach to the pedal using the adapter plate.

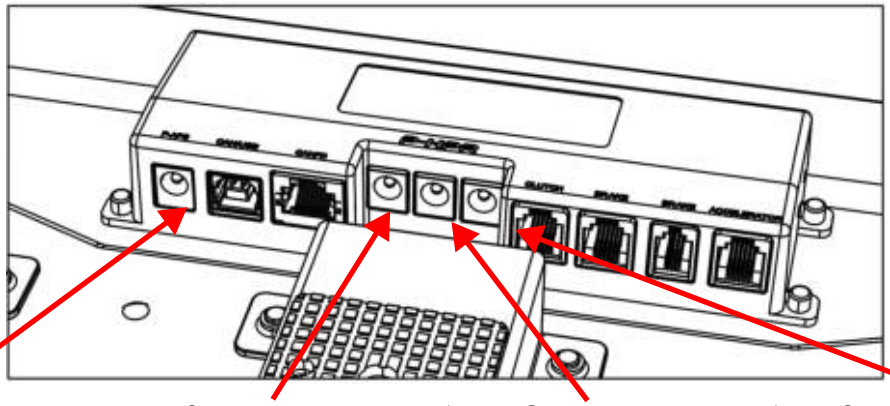
2.6.2 Haptic Pedal Reactor Cable Routing



Right-Side Routing



Left-Side Routing



①Haptic Pedal Reactor Module Power Interface (requires independent power supply)

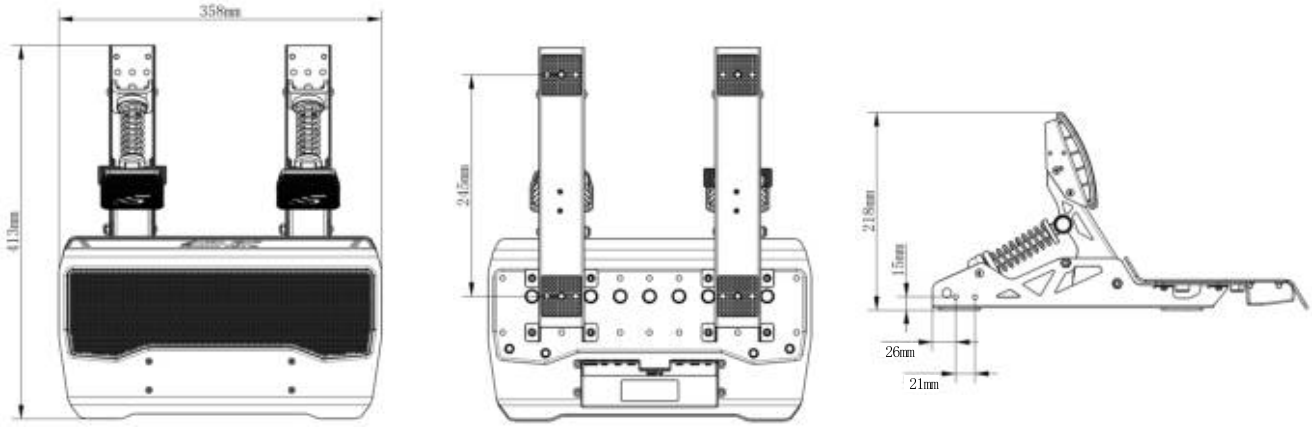
②Clutch Pedal Haptic Module Port

③Brake Pedal Haptic Module Port

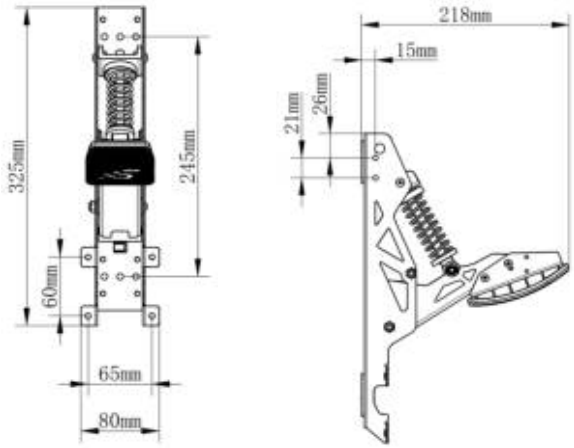
④Throttle Pedal Haptic Module Port

2.7 Product Dimensions

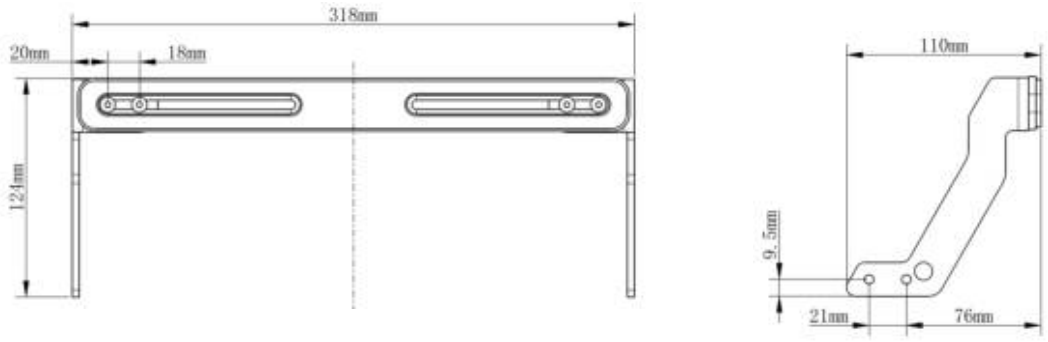
P700 Pedals



C-P700 Pedal Clutch (Optional)



P700-WM Wall Mount (Optional)



3.Software Configuration Guide

3.1 SimPro Manager Software Overview

SimPro Manager is a device management software designed for SIMAGIC sim racing hardware. It supports steering wheels, wheelbases, pedals, and related expansion devices, allowing users to centrally manage their equipment and perform advanced tuning to fully unlock hardware performance.

Main Features:

① **Device Management:** Automatically detects and manages connected SIMAGIC devices.

② **Function Configuration:** Configure parameters and enable features by device type.

③ **Performance Tuning:** Fine-tune key performance settings such as force feedback and pedal curves.

④ **Dashboard Configuration:** Customize dashboard content and layout. (supported on selected devices.)

⑤ **Firmware Updates:** Detect and update device firmware online.

⑥ **Quick Launch:** Quickly launch installed sim racing titles.

Before using this product for the first time, please install **SimPro Manager**.

Download link: https://simagic.com/pages/download-center.

3.2 Software Features

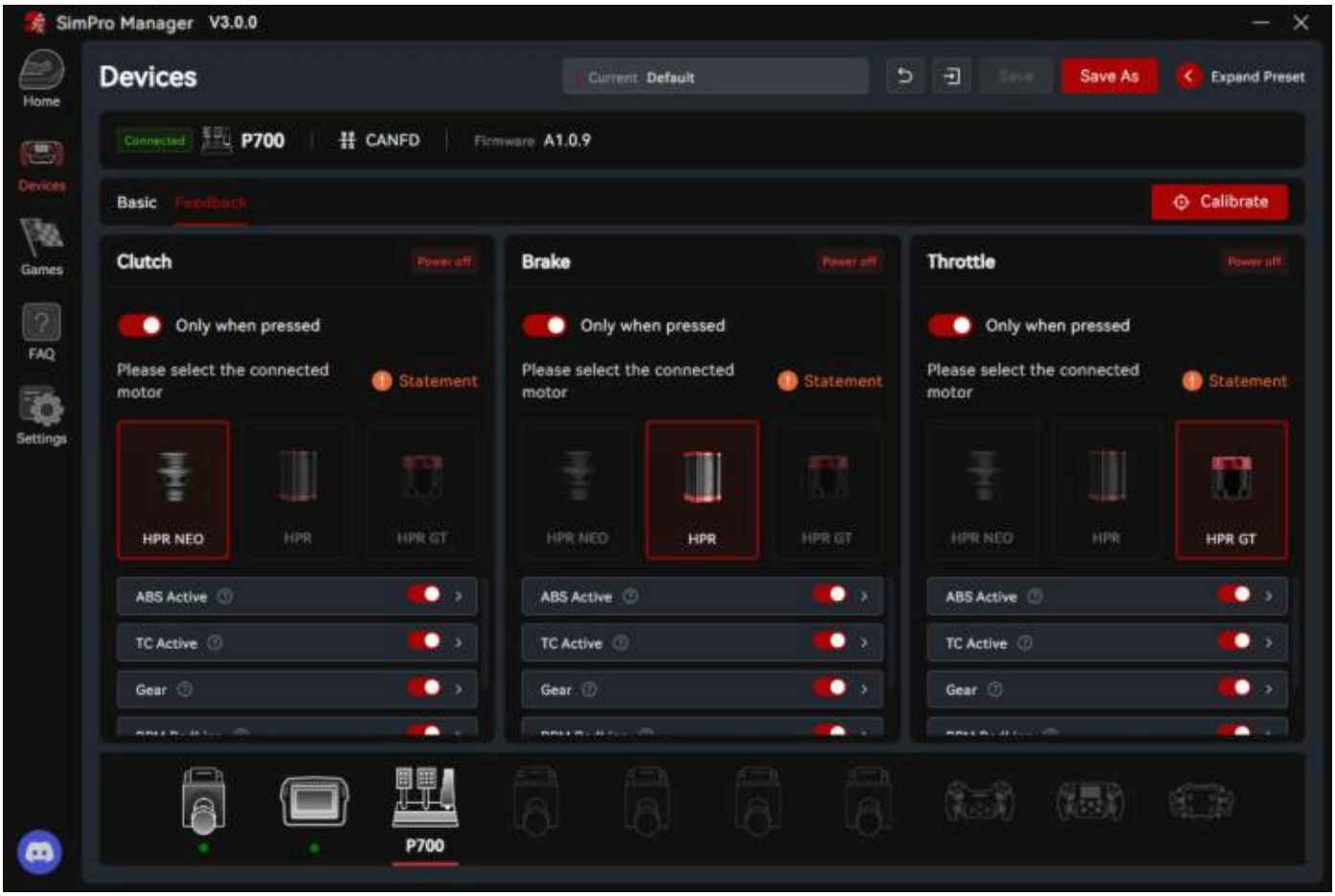
⚠**WARNING：**
The P700 Pedals come pre-installed with firmware, but the version may be outdated. When launching the SimPro Manager software for the first time, if a new firmware is detected, the software will prompt you to update. Click the “Firmware Upgrade” button at the bottom of the device module to start the upgrade. After completion, the device will automatically restart.

Note:
The software interface shown in this manual is based on the final version released on the official website.
As the software may be updated from time to time, the actual interface may differ from the illustrations in this manual.
For complete instructions and detailed information on SimPro Manager settings, please refer to the official information released through authorized channels.
The following is an example of the **Main Interface**:

Pedal Curve Settings



Haptic Feedback Settings



Through SimPro Manager, you can view and configure the following functions for P700 Pedals:

(1) Device Information

View device details, including model and firmware version.

(2) Connection Methods

Supports multiple connection options, including USB / CAN / CAN FD:

① **USB Connection:** Direct USB connection to a PC for a simple and stable setup.

② **CAN FD Connection:** If you own an EVO series wheelbase, the pedals can be connected to the wheelbase via CAN FD.

③ **CAN Connection:** If you own an Alpha Mini / Alpha / Alpha Ultimate wheelbase, the pedals can be connected to the wheelbase via CAN.

(3) Custom Pedal Curves

Customize response curves for the throttle, clutch, and brake, including dead Neo adjustment. The software provides four preset curve types by default: Linear, Exponent, Logarithm, and S-Curve, allowing you to easily fine-tune pedal response feel.

(4) Calibration

The pedal calibration function supports precise calibration of throttle, clutch, and brake angles, as well as brake pressure. During calibration, the software records the minimum and maximum values of each pedal to ensure accurate input recognition in-game and improved driving precision. It is strongly recommended to perform calibration when using the device for the first time; otherwise, inaccurate input detection may occur. Additionally, recalibration is required after replacing brake springs or pressure modules to prevent premature or delayed brake activation.

(5) Preset Profiles

Official presets are available for quick use. Modified settings can be saved as personal presets for easy access and management.

(6) Haptic Effect Settings

Supports independent Haptic motors on any pedal (P-HPR / P-HPR Neo / P-HPR GT). Vibration intensity, frequency, and activation range can be freely adjusted based on driving conditions such as ABS, traction control, wheel slip, gear shifting, and clutch bite point, delivering a fully customizable tactile feedback experience.

⚠WARNING：

Before adjusting parameters for the Haptic Motors (P-HPR / P-HPR Neo / P-HPR GT), please ensure that the motor model selected in the software matches the motor model actually installed. Based on the selected motor, the software will automatically adjust the maximum allowable feedback values to fully utilize the motor's performance. If the preset motor model does not match the connected motor, feedback parameters may exceed the motor's operating limits, potentially affecting performance. It is recommended to start with lower intensity settings and gradually fine-tune them for optimal results.

4. Important Information

4.1 Safety Information

In order to achieve maximum safety while using your products, We suggest that you adopt the following guidelines:

* Storage and Operating Conditions:

Operating Temperature	0°C~40°C
Humidity	20% – 80% RH, Non-Condensing.
Storage and Usage	For indoor use only. Avoid direct sunlight. If the device is moved from a cold outdoor environment indoors, leave it unused for 2 hours to allow condensation to dissipate before powering on.

This product is designed to operate under the conditions specified above. Operating outside these conditions may cause certain functions to malfunction or affect overall performance.
Before using the product, ensure it has adjusted to the recommended indoor temperature if it was exposed to extreme heat or cold.

⚠ This product is intended for sim racing only.
⚠ Should you have trouble using the product properly and troubleshooting does not work, unplug the power and go to your local distributor for support. Do not attempt to service or fix the product yourself at any time.
⚠ To prevent fire or shock hazard, never expose the products to rain or moisture.
⚠ Only use the power and/or accessories included in the package, and/or purchase accessories made and/or approved by the manufacturer.
⚠ Use only a standard AC wall outlet with protective grounding to avoid product damage or electric shock.
⚠ When terminating use, please turn off the buttons and power equipment to prevent accidents.

⚠ Unplug the unit during a lightning storm or if it will not be used for a long period of time.
⚠ This device contains no user-serviceable parts. Disassembly may result in a risk of electric shock. Do not take apart the phone (doing so will void your warranty), component replacements must be carried out or authorized by SIMAGIC's official repair center.

When using the simulator, please pay attention to the following:

⚠ This device contains small parts and is not suitable for children under 6 years of age. Children under 15 years of age must be supervised by an adult during operation. Force feedback must be set to Child Mode prior to use. Do not operate the wheelbase in High Torque Mode when used by children.
⚠ First-time users or those experiencing the device should be guided by the device owner.
⚠ Ensure that the surrounding area is clean and free of obstruction during operation. Keep hands, limbs, hair, loose clothing, cables, and accessories away from all moving or rotating parts. Strong force feedback may cause serious pinch injuries, muscle strain, or bone fractures.
⚠ Users with a history of epilepsy, heart disease, or who have a pacemaker should consult a qualified physician before using this device. Certain patterns may trigger seizures with no prior history. If you experience any symptoms, please stop using the product immediately and consult a doctor.
⚠ If you experience persistent or recurring discomfort, cramps, pain, tingling, numbness, burning sensations, stiffness, or any other symptoms in your hands, arms, shoulders, neck, or other parts of the body during use, stop using the product immediately and consult a qualified medical professional.
⚠ This product is not recommended for users with tendon injuries or other existing musculoskeletal conditions.

⚠ The equipment contains moving parts, pinch points, and sharp edges that may cause personal injury. Operate with caution to prevent pinching, bruising, kicking, smashing, or other bodily injuries.
⚠ It is recommended to limit the force feedback gaming time from 20 to 40 mins to avoid health risks from excessive use.
⚠ Users should refrain from driving a real car for at least 1 hour after finishing the game.
⚠ If any abnormalities are detected, stop using the device immediately and seek assistance from SIMAGIC's official or authorized service center.
⚠ Please follow SIMAGIC's official website and public platforms for the latest product information.

4.2 Warranty Description

Warranty Terms

For wheelbases, steering wheels, and pedals purchased on or after July 15, 2023, SIMAGIC provides a warranty period of 24 months from the original date of purchase. During the warranty period, if there are issues with the machine's components, materials, or craftsmanship under normal use and maintenance, and the problem is confirmed after inspection, the company will provide free repairs and replacement parts.

SIMAGIC product's Serial Number (S/N) will serve as the primary identifier for after-sales support. You can locate the S/N on the product packaging and the product itself, attached via a sticker on the product surface. Simply provide the 10 or 14-digit S/N to our customer service team or SIMAGIC distributor when applying for after-sales service, and they will assist you promptly.



Your product's serial number can be found on the label sticker of wrapping

*Consumer Law. This Limited Warranty gives you specific legal rights, and you may have other rights that vary by your country, province or state, as applicable. Other than as permitted by law, SIMAGIC does not exclude, limit or suspend other rights you may have. For a full understanding of your rights, you should consult the laws of your country, province or state, as applicable.

SIMAGIC establishes dealer terms and consumer product warranty terms, requiring official partners such as dealers and agents to provide consumers with standardized SIMAGIC warranty services to safeguard consumers' legal rights.

SIMAGIC adheres to a service spirit that is responsible for users and ensures user confidence, striving to create the ultimate user experience. Regarding these warranty terms, if adjustments are necessary, we regret that specific notifications may not be provided.

Please refer to the latest content released through official channels such as the official website. Please avoid causing damage to the machine intentionally. Do not deviate from the guidance of official or officially authorized personnel when performing non-normal hardware or system operations on the machine. For detailed usage instructions, please visit https://simagic.com/pages/product-tutorial .

Disclaimer

The Limited Warranty does not apply to any:
a) Failure to provide proof of purchase for the product or an order number, or if there is reason to believe that they have been forged or altered.
b) The warranty claim is made in a country or customs area other than where the product was originally purchased.
c) Damage caused to the product by disassembly or modification of its structure without written authorization from SIMAGIC.
d) Products purchased from a retailer other than SIMAGIC's official online store.
e) Cosmetic damage, including but not limited to scratches, dents, and plastic damage at ports, unless the damage is caused by defects in materials or workmanship.
f) Damage caused by not adhering to SIMAGIC's product usage and operation specifications, or by modifying or disassembling the product.
g) Damage caused by using third-party components or products that do not meet the specifications of SIMAGIC's hardware products.
h) Defects caused by normal wear and tear or normal aging of the product.
i) The serial number on SIMAGIC's product has been removed or altered.
j) If SIMAGIC receives information from relevant authorities that the product has been stolen, and the user cannot prove in any way that they are the authorized user of the product.
k) Damage caused by accidents, lightning strikes, corrosion, fire, liquid contact, earthquakes, or other external causes.

5. Legal Notices and Trademark

5.1 Trademark Information

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Global social media account name: simagic official

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