

請至 Thermaltake 官方網站，進入 SimTools 序號兌換系統，按照指引輸入 8 碼兌換序號完成兌換。成功兌換後，系統將自動寄送一組新的 SimTools 序號至您的註冊 Email 信箱。接著，請使用該序號前往 SimTools 官方兌換頁面 完成序號啟用流程，並正式啟用 SimTools 的專業服務。

提醒您，在兌換與啟用序號過程中，請確保提供的 Email 地址有效且正確，以避免錯失重要的通知或序號發送。若有任何疑問或問題，請參閱兌換頁面上的常見問題解答或聯繫客服團隊獲取協助。

Please visit the Thermaltake official website and access the SimTools redemption system. Follow the instructions to enter the 8-digit redemption code and complete the process. Upon successful redemption, the system will automatically send a new SimTools code to your registered email address. Next, use this code to visit the SimTools official redemption page and complete the activation process, officially enabling SimTools' professional services.

Please ensure that the email address provided during the redemption and activation process is valid and accurate to avoid missing important notifications or the delivery of the code. If you have any questions or issues, refer to the FAQs on the redemption page or contact the customer service team for assistance.

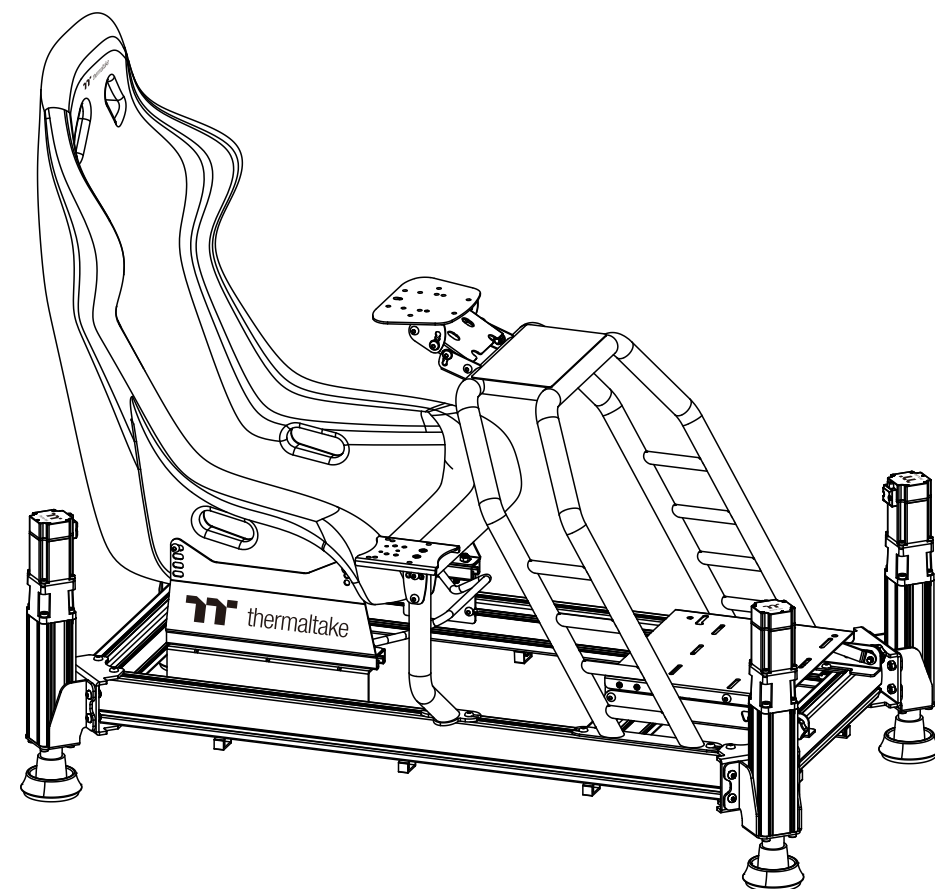
請至 Thermaltake 官方網站，進入 SimTools 序號兌換系統，按照指引輸入 8 位數兌換序號完成兌換。成功兌換後，系統將自動發送一組新的 SimTools 序號至您的註冊 Email 信箱。接著，請使用該序號前往 SimTools 官方兌換頁面完成序號激活流程，並正式啟用 SimTools 的專業服務。

提醒您，在兌換與激活序號過程中，請確保提供的 Email 地址有效且正確，以避免錯失重要的通知或序號發送。若有任何疑問或問題，請參閱兌換頁面上的常見問題解答或聯繫客服團隊獲取協助。



GM5 3DOF

Motion System



Assembly & User Manual

組裝 & 使用手冊

组装 & 使用说明

www.thermaltake.com



EN

Assembly Recommendations & Warnings

- It is recommended to have at least two people working together for assembly.
- It is recommended to have three people lifting the simulator to a height of 20cm.
- Do not connect the power supply until assembly is complete.
- Under no circumstances should you position yourself directly above the motor column to avoid accidental injury.
- During adjustment and wiring of the control box, press the emergency stop switch to ensure safety.
- When using the motion system, ensure the surrounding area is clear of obstacles.
- Stop the motion system via the software interface or emergency stop switch and confirm it has fully stopped before leaving the simulator.
- Do not disassemble the motor column or control box unless you are certified factory personnel.

When the total load exceeds 200kg (440lbs), please limit continuous gameplay to no more than 4 hours to prevent slower motion system feedback and increased wear on internal components.

SPECIFICATION

Payload specification	
Payload	300kg / 661lb
Product weight	27kg / 59.5lb
Power requirements	
Max power consumption	1.2kW 220V/5.45Amps,110V/10.9 Amps
Power supply requirements	110-240 VAC (Manual switch)
Connection	USB Ethernet
Maximum velocity	250 mm/s
Maximum acceleration	0.4 G
Actuator stroke	100 mm / 3.93 in
Latency	<5 ms
Maximum control frequency	1000 Hz
Vibration frequency range	0-100 Hz



CN (繁)

組裝前建議&警語

- 組裝建議2人以上共同操作。
- 在搬起車架放置20cm墊高時建議3人操作。
- 在組裝完成之前請勿接上電源。
- 在任何情況下請遠離馬達立柱正上方以免造成危險。
- 在調整及控制盒接線時，請按下緊急停止開關確保安全。
- 使用動態系統時周圍請保持淨空無障礙物。
- 為確保安全，需停止動態系統前請至軟體介面按下停止鍵或是按下緊急停止開關，確認動態系統已停止才得以離開車架。
- 非原廠專業人員請勿拆卸馬達立柱、控制盒。

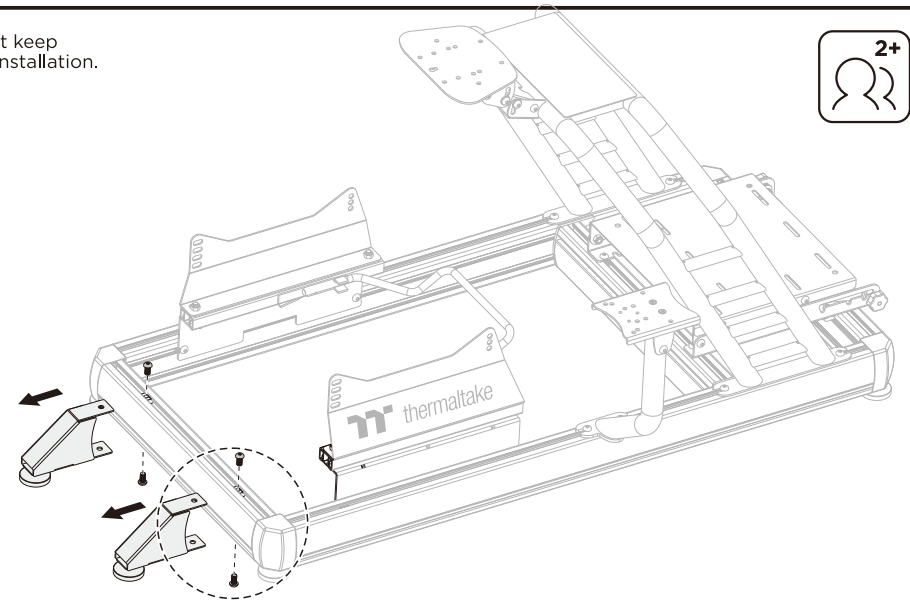
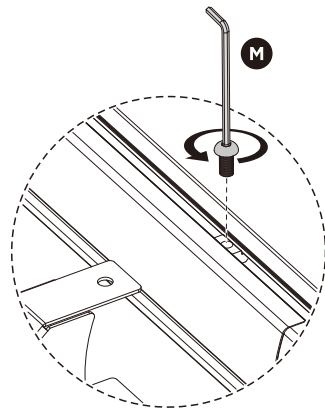
當總承重超過200kg時，請控制連續遊戲時間不要超過4小時，以避免重負載狀態下長時間運轉導致的動態系統回饋變慢和內部零件磨損。

規格

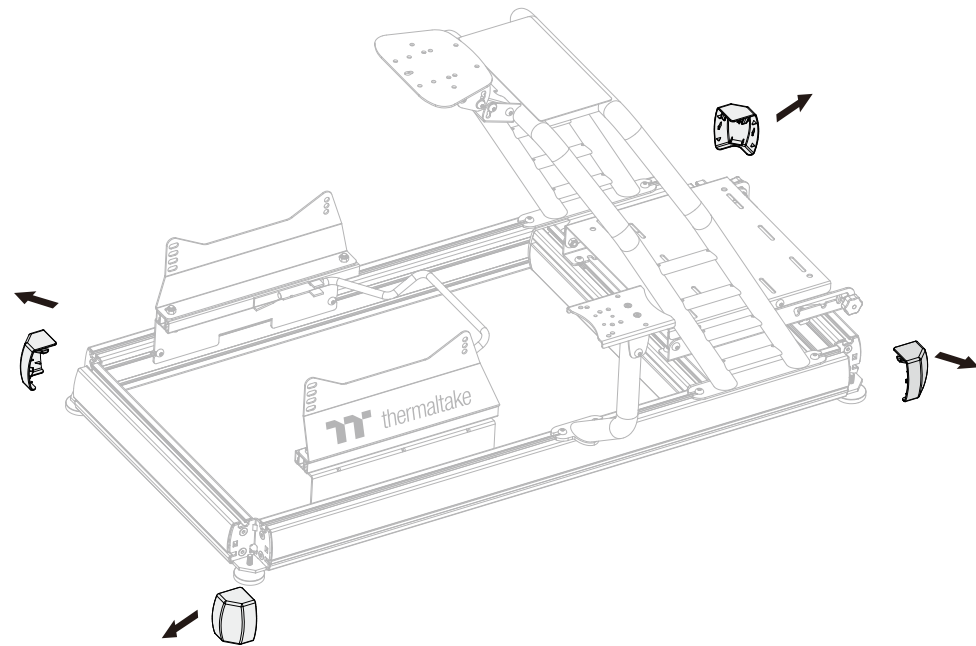
負載規格	
負載量	300kg / 661lb
產品重量	27kg / 59.5lb
電力需求	
最大功耗	1.2kW 220V/5.45Amps,110V/10.9 Amps
電源需求	110-240 VAC (Manual switch)
連接方式	USB Ethernet
最大速度	250 mm/s
最大加速度	0.4 G
行程	100 mm / 3.93 in
延遲	<5 ms
最大控制頻率	1000 Hz
振動頻率範圍	0-100 Hz

1

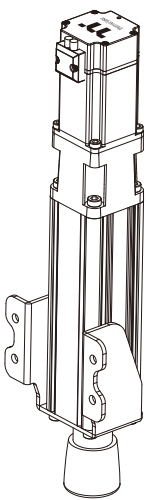
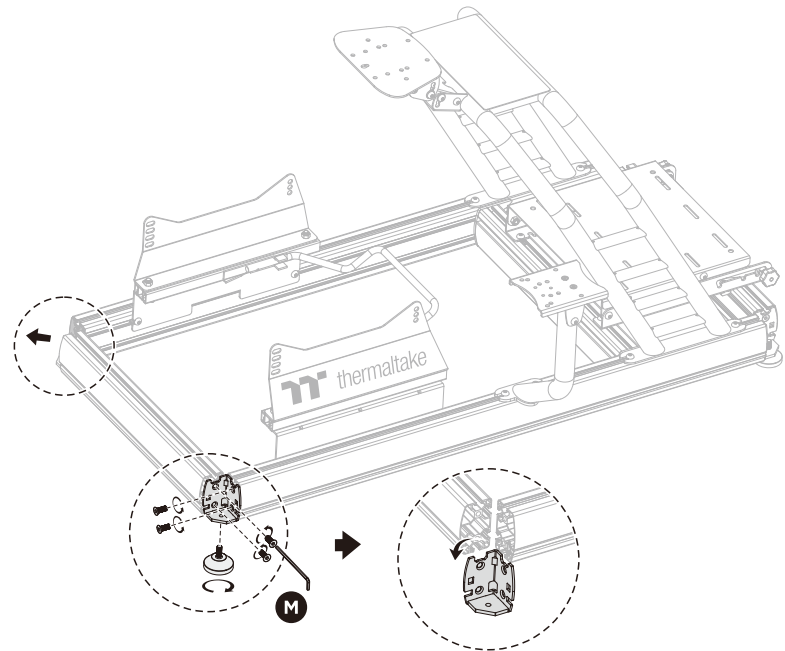
Detach the anti-tilt components, but keep the sliding nuts in the slot for later installation.
卸下防傾套件，保留滑塊螺母在槽內。



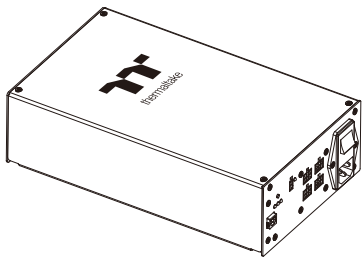
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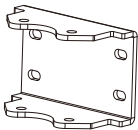
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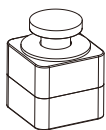
A (x4)



B
Control Box
控制盒



C (x4)
Connector
轉接釵金



D
Emergency Stop
應急開關



E (x4)
Foot Pad
腳墊



F (x16)
M8 Sliding Nut
M8滑塊螺母



G (x8)
Cable Clip
理線扣



H (x16)
M8x16



I (x16)
M8x20



J (x16)
M8 Lock Nut
M8防鬆螺母



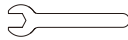
K
USB-A to USB-B Cable
USB-A轉USB-B傳輸線



L
Power Cable
(US, EU, UK, and Australian plugs are included.)
電源線
(包括美插，歐插，英插，澳插。)

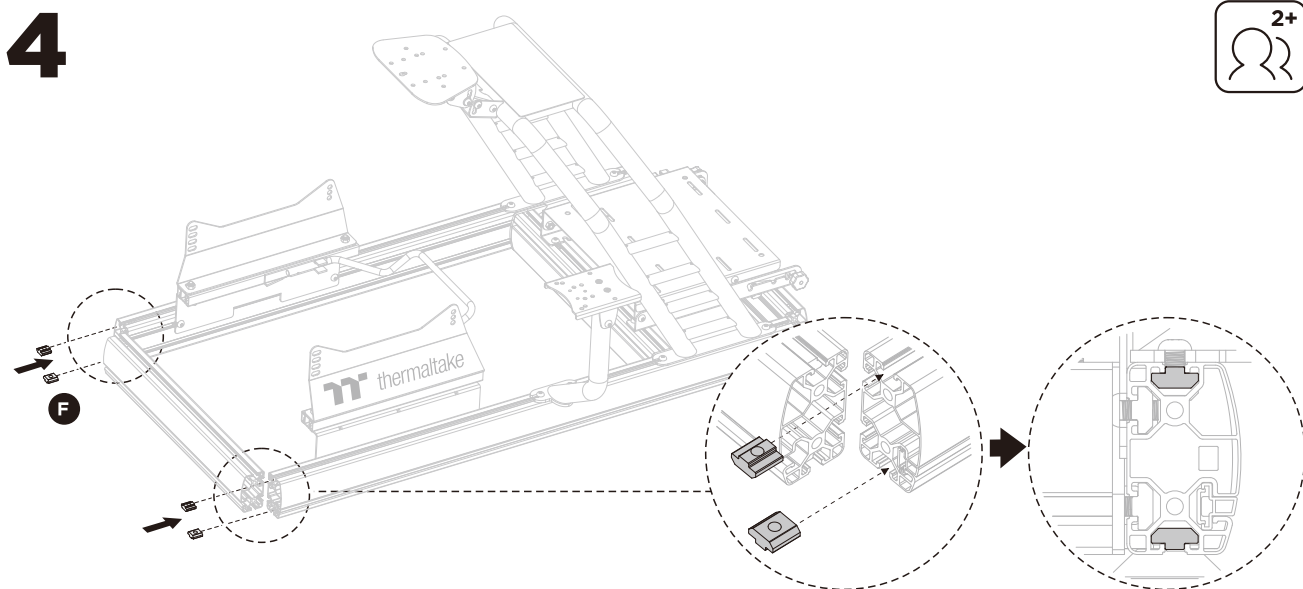


M (x1)
5mm

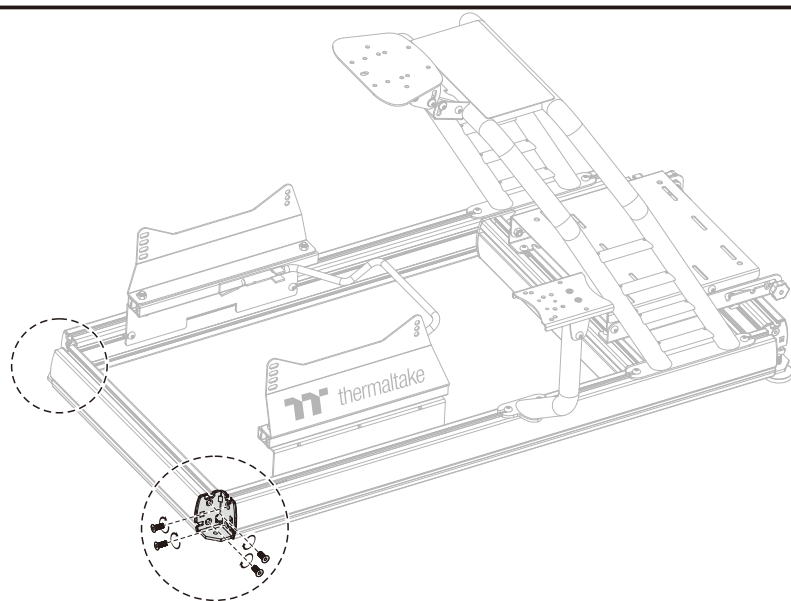


N (x1)
13mm

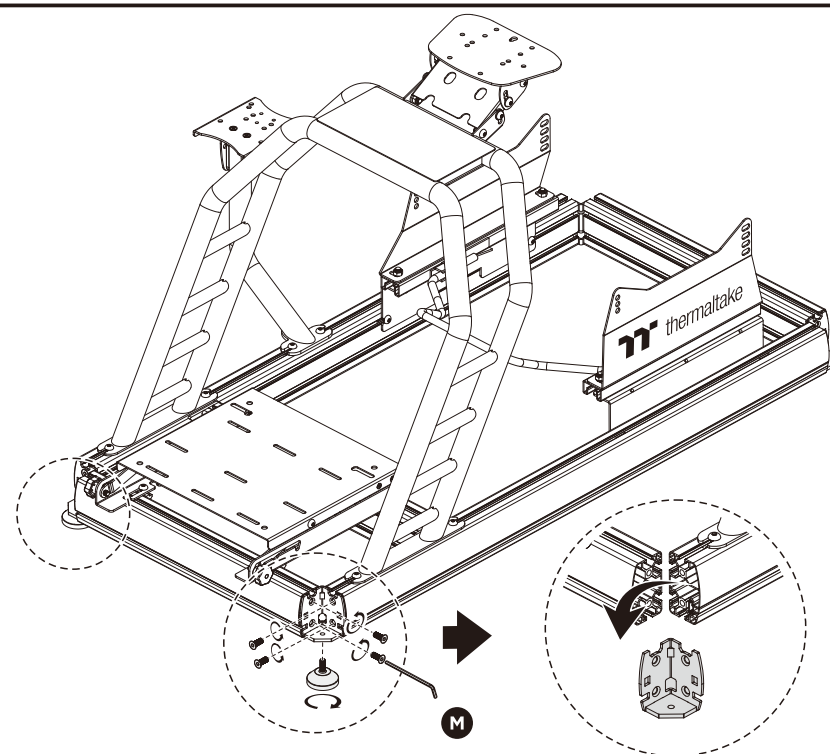
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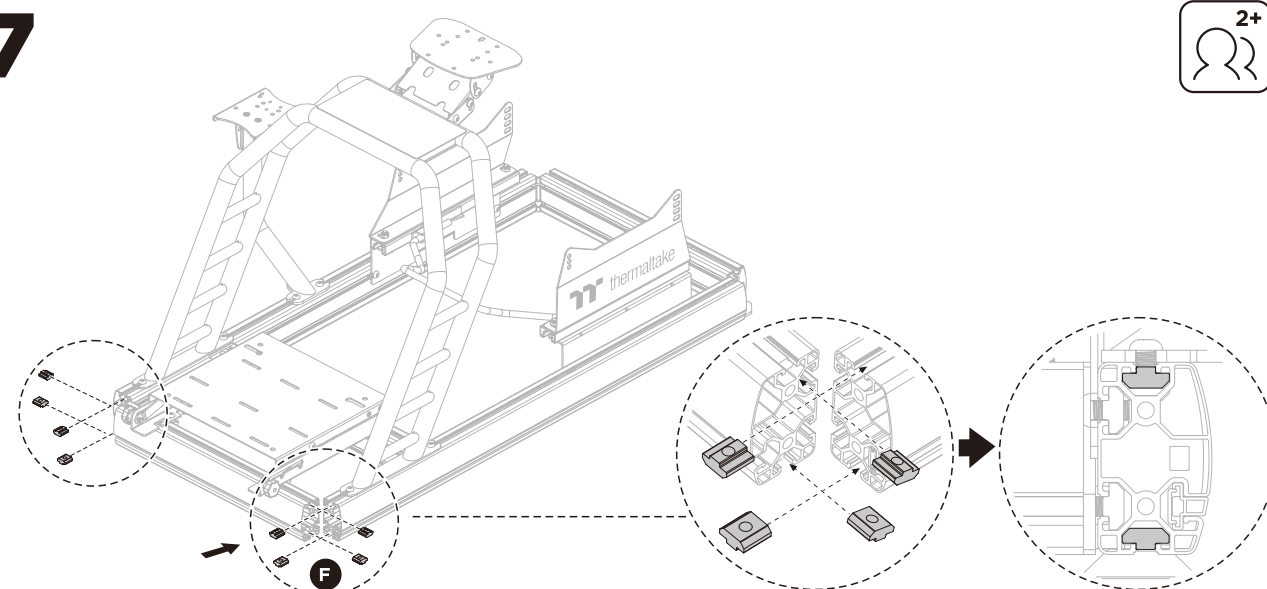
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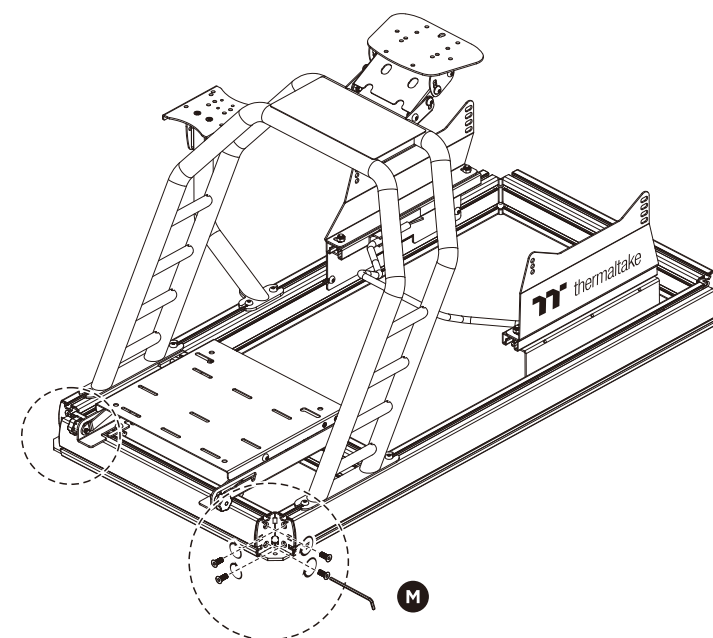
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7



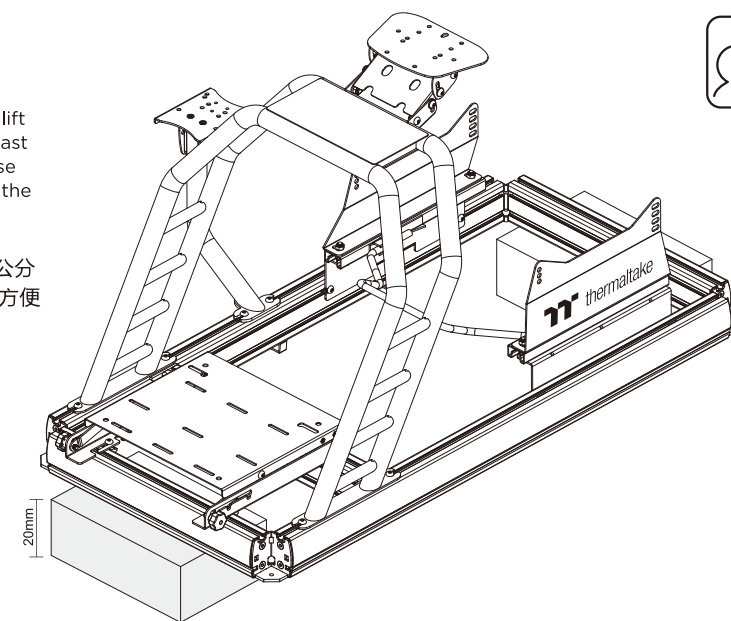
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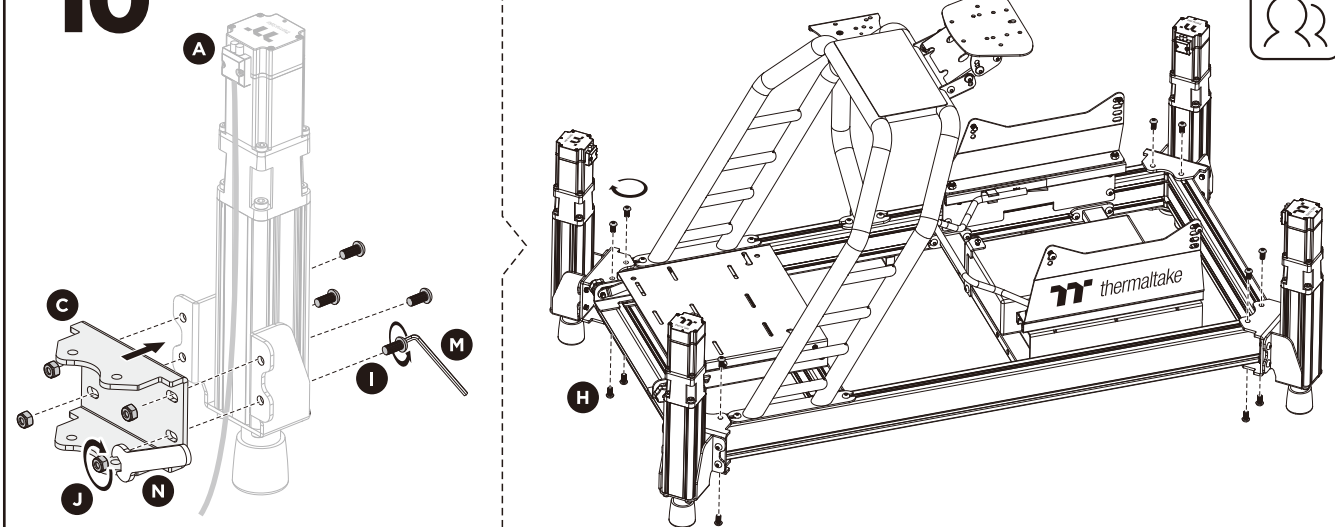
9

It is recommended that two people work together to lift the simulator while a third person places a block at least 20 cm high underneath it. This step is intended to raise the simulator, providing sufficient space for installing the dynamic system's base.

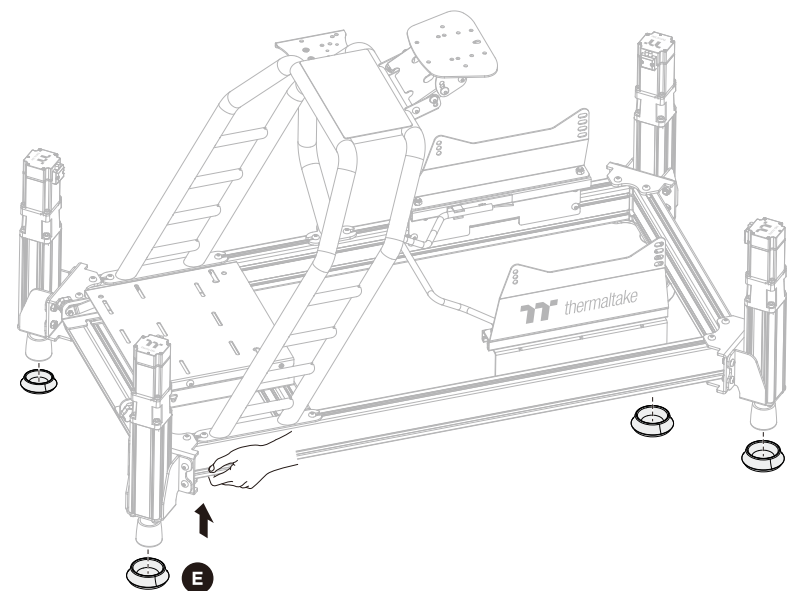
請兩人協力抬起模擬器，並由第三人將高度至少 20 公分的擋塊放置於模擬器下方。此舉旨在將模擬器抬高，方便安裝動態系統的腳座。



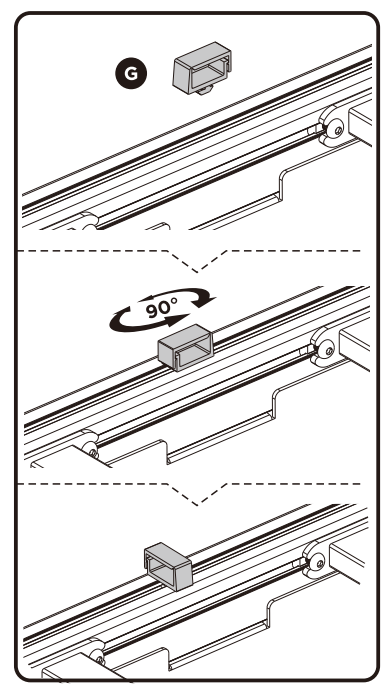
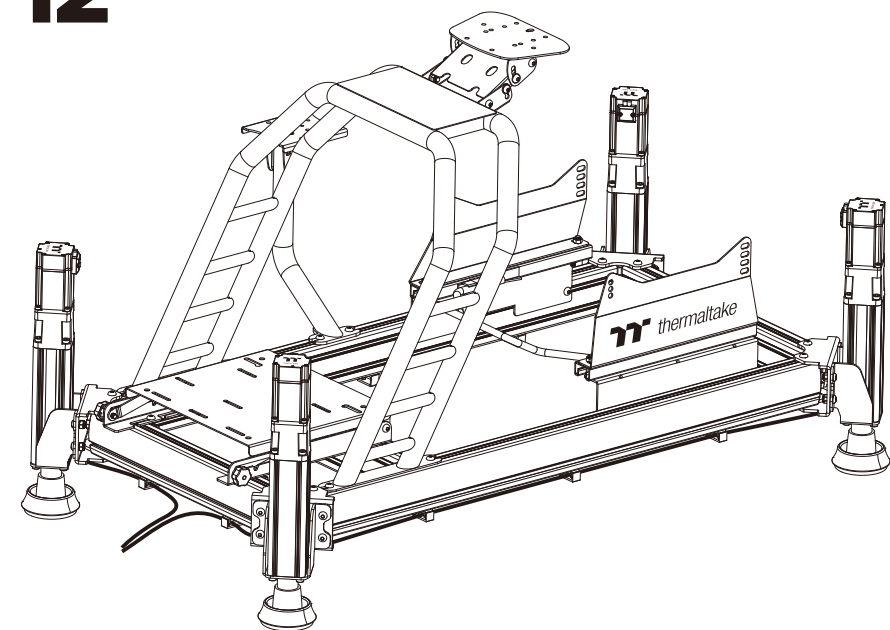
10



11

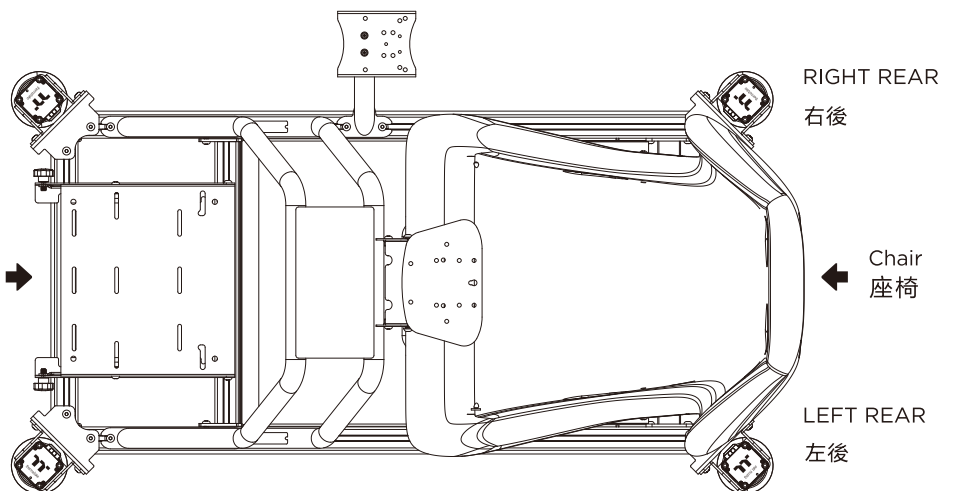


12



13

RIGHT FRONT
右前

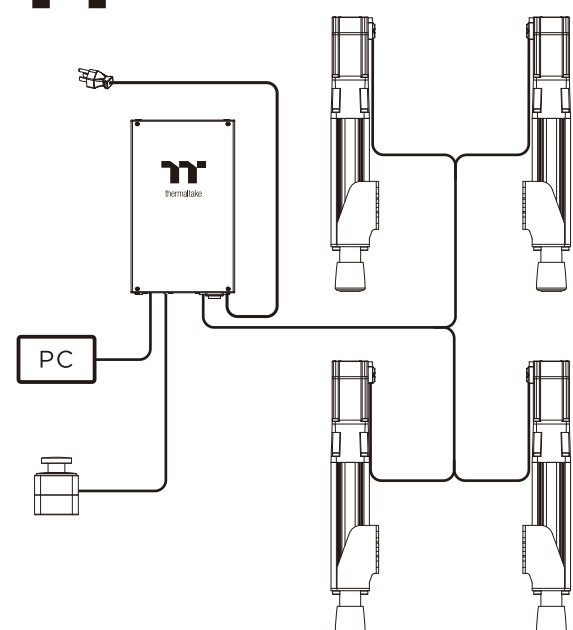


LEFT FRONT
左前

RIGHT REAR
右後

LEFT REAR
左後

14

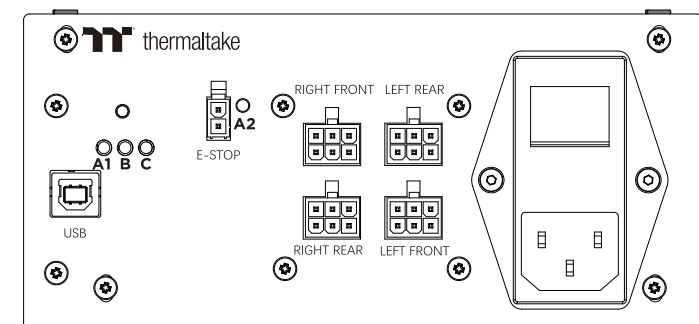


Lighting Instructions

1. Two white lights (A1 & A2) : Power is working normally. (No action required)
2. Green light (B) : Device is operating normally. (No action required)
3. Red light (C) : Emergency stop is activated. Release the emergency stop button to its normal position to restore device operation.
4. Red and green lights (B & C) flash: Missing parameters. Contact the place of purchase for assistance.

燈光指示說明

1. 兩個白燈 (A1 & A2) : 電源正常工作。(無需操作)
2. 綠燈 (B) : 設備正常運行。(無需操作)
3. 紅燈 (C) : 急停已啟動。將急停按鈕恢復至正常位置以恢復設備運行。
4. 紅綠燈 (B & C) 閃爍: 參數丟失。請聯繫購買處獲取協助。



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