

ALIGN模擬器Q&A

Q1：ALIGN模擬器只能搭A10遙控器才能使用嗎？

Does ALIGN Simulator only compatible with A10 Transmitter?

A1：A10遙控器是標配，但一般制式的遙控器也都能使用ALIGN模擬器。
ALIGN simulator is compatible with A10 and other RC transmitters.

Q2：遙控器操作搖桿、但模擬器搖桿卻有時有動作、有時沒動作或完全沒動作？

Move sticks on transmitter, but simulator doesn't show the stick movements correctly with four available control assignments?

A2：

情況1：模擬器的搖桿動作只有當模擬器視窗是"執行中"才會有反應。當使用模擬器時，其他應用程式視窗跳出訊息時，模擬器搖桿動作會自動停止，必須關閉或縮小其他應用程式的視窗後，再點擊模擬器視窗後，模擬器才會再次有反應。因此，建議關閉其他應用程式避免影響操作。

情況2：如模擬器尚未註冊授權碼，則僅是2分鐘的試用版，過了試用時間則模擬器視窗仍會開著，但搖桿會自動停止動作，必須關閉模擬器、再重開才可再有2分鐘試用時間。但建議購買註冊授權碼避免此問題。

情況3：請確認A10模擬線功能是否正常或接觸不良。

- 請重新插拔模擬線USB與電腦連接端，確認是否接觸不良。
- 模擬線USB接頭正常使用下會閃紅燈、異常則紅燈恆亮。

情況4：模擬器搖桿偏擺、動作/方向與遙控器搖桿動作不符。此時，請重新執行"搖桿校準"。搖桿校準程序請參照 "[A10遙控器搭配ALIGN飛行模擬程式安裝及使用教學\(PDF\)](#)" 第12頁~第16頁說明。

情況5：模擬器機子原地或飛行打轉，遙控器操作搖桿、模擬器搖桿卻沒反應。

- 可能原因 "使用順序不正確" 導致此問題發生。請重新拔插模擬線USB與電腦連接端，以解決此問題。

正確使用順序：使用模擬器前，在電腦休眠或關機狀態下，請先將電腦開機後，再將模擬線USB插入電腦USB插孔、開啟模擬器與遙控器開關，開始操作模擬器。

如有其他狀況或異常，請與原購買處連繫、反應。

A2:

Condition 1: The simulator stick movements can only be active when simulator window is running. The simulator will stop running when there is ongoing application software.

So please close other software and click the simulator window again to reactive the system.

Condition 2: There is 2-minute demo version allow you to flying for 2-mins. When time's up, the stick movements will stop running. You need either to close and re-open simulator to active demo version again, or to buy a license for registration.

Condition 3: Please check A10 Simulator cable and make sure it works well.

- Please re-plug simulator USB cable to the computer, ensure it's in well connection.
- The simulator USB cable adopter will flash red light when it's working. The solid red light means something wrong.

Condition 4: If the simulator stick movement is not working correctly with transmitter input, please do "Stick Calibration" again. Please follow "[A10 Transmitter ALIGN Flying Simulator Installation and Instruction](#)" PDF file page 12~16 statement for re-calibration.

Condition 5: Heli will go round in circle at ground or in the air by itself without any transmitter input command.

- The possible reason is that "Wrong Power ON Procedure". Please re-plug simulator cable USB to the computer to solve this problem.

Correct Power ON Procedure: First, must power on the computer or tablet, then plug simulator USB cable to the device with A10 transmitter. Click to open simulator software and turn on A10 transmitter. Now you can start simulator practice.

If there happens to have other unusual problem, please contact your sales person immediately.

Q3 : 為什麼無法安裝ALIGN模擬器?

Why can't I install ALIGN Simulator on my computer?

A3 : 請檢查您的電腦或筆電規格是否符合以下要求，謝謝!

- 系統需求：
 - Windows 10 , Windows 8 , Windows 7 , Vista , Windows XP (64位元)
 - Apple Mac OSX 10.12或更高版本
 - Ubuntu Linux 16.4或更高版本
- 支援語系：中文/ 英語/ 法語/ 德語
- 建議使用系統規格(最低限制)：
 - CPU : 1.83GHz
 - 系統記憶體: 3 GB RAM
 - 硬碟空間 : 1.15GB
 - 顯示卡 : 支援GPU SSE2和256 MB RAM

- 最佳使用系統規格:
CPU : 2.3GHz
系統記憶體: 4 GB RAM
硬碟空間 : 1.15GB
顯示卡 : 支援GPU SSE2和512 MB RAM
- 最佳使用系統規格(Full HD影像輸出):
CPU : 2.3GHz
系統記憶體: 8 GB RAM
硬碟空間 : 1.15 GB
顯示卡 : 支援GPU SSE2和2048 MB RAM

備註 : 若您的筆電設備本身無內建”USB外接孔”, 建議您更換筆電或改用電腦。
因目前市面上的USB轉接器並非都有支援模擬軟體搖桿動作, 可能會造成無法讀取動作、而無法使用。

A3 : Please check if your computer or tablet specification as below :

- System:
Windows 10, Windows 8, Windows 7 (64-bit)
Apple Mac OSX 10.12 or later
Ubuntu Linux 16.4 or later
- Languages: English, French, German, Chinese
- Minimum recommended system:
CPU: 1.83GHz
System memory: 3 GB RAM
1.15 GB hard drive space
GPU SSE2 instruction set support and 256 MB RAM
- Optimal system:
CPU: 2.3GHz
System memory: 4 GB RAM
1.15 GB hard drive space
GPU: SSE2 instruction set support and 512 MB RAM
- Optimal system for Full HD video output:
CPU: 2.3GHz
System memory: 8 GB RAM
1.4 GB hard drive space
GPU: SSE2 instruction set support and 2048 MB RAM

Remark: If these is no build-in USB port on your tablet, we suggest you to change and use another tablet or computer which support build-in USB port.

Because that not all available USB Adapters are working for transmitter/joystick input devices. This is not specific to ALIGN Simulator, it's a common problem. So that will cause the computer can't read transmitter/joystick correctly.

Q4：模擬器運作有些延遲、機子飛起來動作延遲？

Why simulator software gets delayed?

A4：如發生延遲問題，通常系統會跳出警語建議檢查項目，例如以下事項：

1. 幀率值：建議最佳幀率值是60fps(幀率值位於右上方)，但可調降幀率值，增加運作順暢度。
2. 陰影：按滑鼠右鍵或鍵盤ESC，進入設定/按下”設定”/下拉選擇”圖像”/將”陰影”設沒有。
3. 抗拒齒：按滑鼠右鍵或鍵盤ESC，進入設定/按下”設定”/下拉選擇”圖像”/將”抗拒齒”設殘。完成後，關閉設定頁面，螢幕右上角幀率會自動修正數值和視窗大小，以調節運作速度。

A4: If the software gets delayed, it will send warning message on software. Example :

1. Frame per Second (fps): The fps will show at the upper right corner, the best fps is 60fps. You can reduce the fps value to improve software running faster.
2. Shadow: Press “ESC” from keyboard or right click to enter the setup Menu. Then drop down the list from the left and choose “Image”, then set “Shadow” to none.
3. Antialiasing: Press “ESC” from keyboard or right click to enter the setup Menu. Then drop down the list from the left and choose “Image”, then set “Antialiasing” to Disable. Close setup Menu after completion. Then fps will adjust automatically as well as the software window size so the delayed will be solved.

Q5：模擬器無法跳出更新版次提醒？

There is no update version reminder?

A5：開啟模擬器時，需要有網路連接，更新版次才會跳提醒。無網路連接，則無法接收更新版次訊息。

A5: Your computer/tablet need internet connection while opening the simulator. Then it'll show an update message if there is an update version released.

Q6：目前常用的快速鍵有哪些？

What are the Hot Key?

A6：

1. 鍵盤按鍵 ”1”：飛行模式GPS
2. 鍵盤按鍵 “2”：飛行模式Atitude (姿態)
3. 鍵盤按鍵 “R”：Reset重置– 可用於重新飛行
4. 鍵盤按鍵 “ESC”：進入設定選單
5. 鍵盤按鍵 ”H”：瀏覽快速鍵總表

A6:

1. Keyboard number”1”: Flight mode GPS

2. Keyboard number”2”: Flight mode Attitude
3. Keyboard “R”: Reset – Heli will be placed at Home position
4. Keyboard “ESC”: Enter into Setup Menu
5. Keyboard “H”: Quick View for Hot Key

Q7：使用模擬器時，A10遙控器一直發出嗶嗶聲？

Why A10 Transmitter will beep while using simulator?

A7：

1. 如長時間開啟A10遙控器不使用，A10遙控器處於”待機狀態”時，會發出嗶嗶聲提醒使用者遙控器尚未關機。因此，如不使用A10遙控器時，可先將遙控器關機，避免發出聲響。
2. 當遙控器電量不足時，會發出嗶嗶聲提示，請更換 4 個充滿電的 3 號(AA)電池。

A7:

1. If you leave transmitter unused for long time, transmitter will beep to remind user to turn it off.
2. If transmitter is in low battery, it'll beep to remind user to change the new batteries. AA battery size is required.

Q8：為什麼遙控器只推油門，機子緩緩上升後，機尾會自己偏轉？

Why Heli tail will drift when only pull up the throttle stick?

A8：建議更新至最新版次，以解決此問題。

如果您的模擬器版本為V1.617以下版次，請至模擬器設定 > 死區 Deadzone數值改設為“4”。操作方式如下：

A8: Suggest to update simulator to the latest version.

If your simulator version is less than V1.617, please follow below instruction to solve the drift issue.

步驟1：開啟模擬器後，按滑鼠右鍵或鍵盤ESC，進入設定視窗。

左方下拉選單，選擇“輸入裝置”。

Step 1: Open simulator, press keyboard “ESC” or right click to enter into Setup Menu.

Drop down the list from the left, and choose “Input Device”.



步驟2：下方下拉選單，選擇“模型切換”。

Step 2: Drop down the list and choose “Model”.



步驟3：死區功能，將數值改設為“4”。後方的“1”為出廠預設值。

Step 3: Please change “Deadzone” to “4”. Number “1” refers to default setting.

