

## MODEL NAME 機型命名

Model name may include up to 8 characters either alphabetic or numbers. Advance to the next character space by pressing the roller, scroll through the characters at the bottom of the screen and press the roller to select the highlighted character. Name the models to allow for easy recognition.

機型命名可包含最多 8 個字元，字元可以是英文字母或數字。按滾輪可進入下一個字元位置，按滾輪可選擇螢幕底部的字元。命名機型可方便辨識。



## TYPE SELECT 機型類別

To select Model Type either aircraft, helicopter or multicopter. The transmitter supports airplanes (including V tail configuration), fixed and variable pitch helicopters and CCPM (Collective and Cyclic Pitch Mixing) 90°, 120°, and 140°.

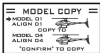
可選擇機型為飛機、直升機或垂直起降飛機。發射機支援飛機（包括 V 尾配置）、固定螺距和變螺距直升機，以及 CCPM（集體螺距和週期螺距混合）90°、120° 或 140°。



## MODEL COPY 機型複製

To copy one mode settings to another. The original target model settings will be deleted and replaced with the source model settings. Since this command is destructive, a request to copy is must be confirmed.

將一個模式的設定複製到另一個模式。目標模式的原始設定將被刪除並替換為源模式的設定。由於此命令是破壞性的，必須確認複製請求。



After adjusting each parameter of radio, you have to press "Confirm" button to save the setting. Failure to press "Confirm" will result in the new setting not being saved.

調整每個電台參數後，必須按"Confirm" 儲存/確認，設定值才會儲存，否則設定值不會改變。

## MODEL RESET 模型重置

This function will reset the current model to default settings. Other models are not affected. This function is useful when there may be a model configuration issue, and a reset to default setting is necessary to begin a fresh start.

這項功能將重置當前模型為預設設置。其他模型不受影響。此功能在可能存在模型配置問題，且需要重置為預設設置以開始全新開始時非常有用。



After adjusting each parameter of radio, you have to press "Confirm" button to save the setting. Failure to press "Confirm" will result in the new setting not being saved.

調整每個參數後，您必須按「確認」按鈕以保存設置。未按「確認」將導致新設置不會保存。

## RECEIVER MODE 接收模式

The ALIGN A68 receiver offers two receiver modes: Mode 1: Where CH1~CH6 receiver channels correspond to CH1~CH6 output channels or Mode 2: Where CH1~CH6 receiver channels correspond to CH9~CH14 output channels. Select the A68 receiver mode which best suits the user's application.

ALIGN A68接收器提供兩種接收模式。模式1：接收器CH1~CH6接收器通道對應於CH1~CH6輸出通道；或模式2：接收器CH1~CH6接收器通道對應於CH9~CH14輸出通道。選擇最適合用戶應用的接收器模式。



## TRAINER MODE 訓練模式

Connect 2 transmitters together using a dedicated cable connected to the back interface. As soon as the trainer switch is turned off, the student transmitter regains control. To be effective, the 2 transmitters have to use the same radio mode (see below).

將兩個發射器連接到專用電纜，該電纜連接到後接口。一旦關閉訓練器開關，學生發射器將重新獲得控制。為了有效，兩個發射器必須使用相同的無線電模式（見下文）。



## STUDENT MODE 學生模式

All mode settings are bypassed and the sticks position is sent directly to the instructor's transmitter. At that time, the student transmitter must not control any model directly and any receiver bound to the trainer transmitter must be turned off.

當選擇此一功能時，所有模式設定、接收機和發射機直接接收學生之操作，而此時學生發射機必須不能直接控制任何模型，且與訓練器發射機綁定的接收機必須關閉。

**== STUDENT MODE ==**  
 THIS WILL ENTER  
 STUDENT MODE  
 ALL SETTINGS  
 WILL BE BYPASSED  
 PRESS "CONFIRM"  
 TO PROCEED



After adjusting each parameter of radio, you have to press "Confirm" button to save the setting. Failure to press "Confirm" will result in the new setting not being saved.  
 調整每個參數後，必須按"Confirm" 儲存/確認，否則設定不會儲存，否則設定都不會生效。

## STICKS MODE 選擇模式

Support four different stick modes. The 4 first channels are mapped to the selected sticks according to your flying habits (left or right handed for example).

此系統支援MODE 1-MODE4 的搖桿操作模式，根據不同飛行習慣將自動分配，此功能可根據飛行習慣自行選擇。

**== STICKS MODE ==**  
 MODE 2

CH3

CH2

CH4

CH1

MODE 1 模式1		MODE 2 模式2	
Elevator 升降	Throttle 油門	Throttle 油門	Elevator 升降
Rudder 方向	Aileron 副翼	Rudder 方向	Aileron 副翼

MODE 3 模式3		MODE 4 模式4	
Elevator 升降	Throttle 油門	Throttle 油門	Elevator 升降
Aileron 副翼	Rudder 方向	Aileron 副翼	Rudder 方向

## A10 TRANSMITTER MODE 1 AND MODE 2 CONVERSION INSTRUCTION

### A10遙控器-模式1-2切換教學

A10 transmitter Mode 1 and  
Mode 2 Conversion Instruction  
A10遙控器-模式1-2切換教學



While this manual provides instructional information and references for this product, Align also provides A10 transmitter Mode 1 and Mode 2 conversion instruction, please refer to following instruction video to convert it set by step to make sure your safe and proper use of this product. <http://www.align.com.tw/A10>

說明書詳細介紹了本產品的使用說明，供您設定時參考，另外，還有關於A10遙控器-模式1-2切換教學，請按說明書影片中的步驟詳細設定調整，並利用下方連結觀看影片，以便保證您安全且正確的使用本產品，請與網頁<http://www.align.com.tw/A10>

## STICKS ADJUST 搖桿設定

Stick calibration is used to correct the neutral point and the maximum or minimum joystick travel or slide switch. Enter this menu option and move the stick or slide switch to the maximum and minimum position and return to center, press "Confirm" to save stick calibration.

搖桿的設定用於修正搖桿的中立點和最大或最小搖桿行程或滑動開關。輸入此菜單選項並移動搖桿或滑動開關到最大和最小位置並返回中心，按"確認"以保存搖桿設定。



After adjusting each parameter of radio, you have to press "Confirm" button to save the setting. Failure to press "Confirm" will result in the new setting not being saved.

調整每個參數之後，您必須按"確認"按鈕以保存設定。未按"確認"按鈕，否則設定將不會保存。

## LCD BRIGHTNESS 顯示亮度

Adjust LCD brightness, in sunlight, use a high-brightness backlight.

調整顯示屏的亮度，在陽光下可以使用高亮度的背光。



### CAUTION 注意

The screen brightness will affect battery life. Increasing the screen brightness will shorten battery life.

顯示屏亮度越高，運行時間越短請儘量降低亮度。

## TIME SETTING 時間設定

Time setting has count down and count up mode allowing you to set up the switch of start or reset.

計時模式可分為倒計時或正計時，可選擇開始或重設之時間和時間及重設時間。



## LANGUAGE SELECT 語言選擇

Select appropriate user language interface. Default Language interface is English. Enter setup to select a different language.

在飛行器系統界面顯示，選擇您需要的語言，預設為英文介面，可進入此項以更改設定。



## FIRMWARE VERSION 固件版本

Current firmware version and the update date.

顯示目前固件版本及更新日期。

== FIRMWARE VER. ==

ALIGN A10

18-Dec-2017  
VERSION 1.0.01

## FIRMWARE UPDATE 固件更新

1. After the update finishes the A10 radio will reboot indicating firmware has been updated. The following warning is displayed "This will enter firmware update mode and halt other functions press "ok" to proceed." Press the roller to proceed with the firmware update.  
2. To perform a firmware update refer to page 29.

1. 在固件更新完成後，A10 無線電將重新啟動，表示固件更新完成。顯示以下警告訊息，代表系統已進入更新模式。

2. 若要執行固件更新請參閱第 29 頁。

== FIRMWARE UPDATE ==

THIS WILL ENTER  
FIRMWARE UPDATE  
MODE AND HALT  
OTHER FUNCTIONS  
PRESS "CONFIRM"  
TO PROCEED

⚠️ Confirm 確定

After adjusting each parameter of radio, you have to press "Confirm" button to save the setting. Failure to press "Confirm" will result in the new setting not being saved.

調整無線電每個參數後，必須按 "Confirm" 儲存 / 確認，設定值才會儲存，否則設定值不會改變。

## FACTORY RESET 恢復原廠設定

System can be reset to default setting. This will reset all parameters to their factory default press "Confirm" to proceed.

系統可重新設定為原廠設定。  
請按 "Confirm" 儲存 / 確認以繼續執行。

== FACTORY RESET ==

THIS WILL RESET  
ALL PARAMETERS  
TO THEIR  
FACTORY DEFAULT  
PRESS "CONFIRM"  
TO PROCEED

⚠️ Confirm 確定

1. All the setting value will be removed after resetting to default setting.  
2. After adjusting each parameter of radio, you have to press "Confirm" button to save the setting. Failure to press "Confirm" will result in the new setting not being saved.

1. 系統將重新設定為原廠設定，所有設定值都會被清除。

2. 調整無線電每個參數後，必須按 "Confirm" 儲存 / 確認，設定值才會儲存，否則設定值不會改變。

# FUNCTIONS

## 功能設定

**ALIGN**

Press the roller down to display menu. Scroll the roller to the right to highlight functions, setup and press roller to display function options. Scroll either right or left using the roller to move to different sub-functions. Press the roller to enter the selected sub-function.

按觸下觸摸輸入選擇，選擇文字功能選擇相應功能，按觸觸下觸摸輸入選擇，選擇文字功能選擇相應功能。



## REVERSE 反向

Reverse provides the ability to change each channel (servo) direction. It may be necessary to change the servo direction based upon the specific model requirements.

此功能提供了改變每個通道(伺服)的方向的能力。根據具體模型的要求，可能需要根據具體模型的要求，根據具體模型的要求，根據具體模型的要求。



### 注意

Always double check all servos to confirm radio stick movement is working correctly based on the model.

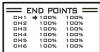
請核對，請核對每次飛行前所有伺服機運動方向與遙控方向一致。

## END POINTS 動作行程量

End Points for all channels (servos) can be adjusted to improve flight control based on the model.

1. The end point can be adjusted from 0%-120%. By setting the maximum end point, this can protect the servo from excessive binding which can damage the servo.
2. Press the roller to select the channel and scroll to change value.

調整每個通道的動作行程量大小，以使用調整輸出及接收機運動合理的構架設計及相應的款式，達到最佳的飛行效果。

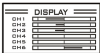


1. 最大行程量可調整為0%-120%之間範圍。設定最大行程量，防止過度機械作動導致伺服機行程增加，伺服機過度行程導致過度損壞。當伺服機行程增加時，當伺服機行程增加時。
2. 按觸觸下觸摸輸入選擇，按觸觸下觸摸輸入選擇，按觸觸下觸摸輸入選擇，按觸觸下觸摸輸入選擇。

## DISPLAY 顯示模式

Display shows movement for CH1-CH10; this can be used to help correctly configure the radio for a model.

顯示十個頻道時機動模型響應模式，使用這些通道可以幫助您正確地配置模型。在此顯示模式下，機動模型所有通道的響應模式。



## AUXILIARY CHANNELS 輔助頻道

After model assembly and basic settings setup, auxiliary channels CH5-CH10 can be set up and assigned on switch, dial or stick for functional changes. For example; SWA-SWD, VRA, VRB.

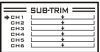
組裝模型和調整基本設置後，輔助頻道 CH5-CH10 可以設置並分配在開關、撥盤或搖桿上以進行功能更改。例如：SWA-SWD、VRA、VRB。  
設置這些頻道時，您可以選擇開關、撥盤或搖桿作為輸入設備。您可以選擇不同的功能，例如：開關、撥盤或搖桿。這些功能可以分配給不同的頻道。例如：SWA-SWD、VRA、VRB。  
CH5-CH10 - 可選定開關為 SWA-SWD - VRA - VRB。



## SUB-TRIM 微調

Sub-trim can be used on CH5-CH10 to change the channel/neutral position. For example; if the RC model drifts slightly, the sub-trim can correct this flight issue. Please, confirm it's acceptable to use sub-trim with the flybarless controller before making any adjustment for a helicopter model.

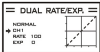
微調功能可以用於 CH5-CH10 來改變通道的中位。例如：如果您的 RC 模型稍微漂移，微調可以修正這個問題。請在調整之前，請確認您的模型適合使用微調功能。請在調整之前，請確認您的模型適合使用微調功能。





## DUAL RATE / EXPONENTIAL 大小數/數率調整

**DUAL RATE** : Commonly abbreviated as "DR", dual provides the ability to change the travel distance of a channel (servo) thus affecting the overall travel of the servo(s). Decreasing the percentage value for a given servo will reduce the travel amount of the channel respectively. For example, if the rudder of the helicopter travels  $1/2"$  at the high rate and maximum stick input, and a value of 50% is input for the low rate when the switch is moved to the low rate position, the servo moves precisely half as far per stick position. example, if the rudder control input is all the way deflected, the maximum travel is now  $1/4"$ .



**EXPONENTIAL** : Commonly abbreviated as "EXP" is used to adjust the sensitivity of center stick the neutral point. Adjusting "EXP" does not affect the travel range. For example: When EXP set at positive, the neutral point will be sensitive and very reactive. When EXP set at negative, the neutral point will be less sensitive and slow down making the model easier to fly.

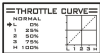
大數：D/R 為大小數調整功能，這功能可調整伺服的行程，並影響該伺服的輸出，因此，若 D/R 調整數值比正常值小則會減少該通道的行程，例如，若 D/R 調整數值為 50% 時，則當舵桿完全偏轉時，舵機移動的距離將為 1/2 英寸，若將 D/R 調整數值改為 25% 時，則當舵桿完全偏轉時，舵機移動的距離將為 1/4 英寸，在調整 D/R 時，舵機移動的距離將，隨 D/R 值而增加或減少。

數率調整：調整 EXP，主要是調整中心立桿的靈敏度，EXP 不會影響舵桿的行程大小，當 EXP 數值設定為正時，該舵桿的靈敏度及反應將會變快，反之，若 EXP 為負時該舵桿中心立桿的靈敏度將會變慢。

## THROTTLE CURVE 油門曲線

Allows the ability to adjust the Throttle Curve based on the model and flight requirements.

The throttle curve has five adjustable points: L=0%, 1=25%, 2=50%, 3=75%, H=100% throttle stick movement. Each point can be adjusted from 0%~100% for throttle range based on motor, pitch curve, and flight requirements.



此功能可調整油門的行程曲線，使系統能作更油門的靈敏度調整，達到最佳之油門輸出反應。

油門曲線圖共有五個位置點可調整，此五個油門曲線的數值，14、1/2、3/4、最高位置，每點可調整油門範圍為 0%~100%，依照用途及飛行性能調整曲線與飛機匹配，以配置油門曲線位置。

## PITCH CURVE 螺旋曲線

Suitable Models 適用機型 

Pitch Curve is used for a Helicopter model. Offer five adjustable points; L=0%, 1=25%, 2=50%, 3=75%, H=100% stick travel. Each point can be adjusted from 0%-100% based on throttle range and desired pitch requirements of the helicopter model.



此功能適用於直升機模式。提供五個可調整點，分別對應油门行程的最低、1/4、1/2、3/4、最高位置。每個可調整點的比例為0%~100%，依據油门行程和所欲的直升機模型需求設定。

## SWASH AFR 十字搖調整

Suitable Models 適用機型 

Suitable for a Helicopter model. Allow adjusting the Aileron, Elevator, and Pitch travel range of the swashplate. For positive, set a negative value to reverse the swashplate direction.



適用於直升機模式。此功能可調整十字搖調整、升降舵和油门行程範圍。若需要將十字搖動作反向，必須調整數值為負數。

## MIX 混控

The mix function can be used to create a channel mix. For example, it allows the setup of Aileron to Rudder to counteract undesirable roll of aircraft with Rudder and Aileron. The mix function is not used on a helicopter model.

混控功能可用於設置通道之間的混控關係。例如，您可以設置副翼與方向舵之間的混控關係，用以消除飛機滾轉的缺點。混控功能不適用於直升機模型。

Master: Main Channel Setup.

Slave: Slave Channel Setup.

Pos. Mix: Allows the setup of the available controlling range between the master channel and Slave channel. If max. mix value is set to 50%, the slave channel will automatically be set to 50% when master channel value is changed to 100%.

Neg. Mix: Allows the setup of the available controlling range between the master channel and Slave channel. If min. mix value is set to 50%; the slave channel will automatically be set to -50% when master channel value is changed to -100%.

Offset: Allows the ability set a value to slightly correct drift.

Master: 主通道設置。

Slave: 副通道設置。

Pos: 設置主通道與副通道之間的混控範圍。若混控百分比設為 50%，當主通道移動到 100% 時，副通道將自動移動到 50%。

Neg: 設置主通道與副通道之間的混控範圍。若混控百分比設為 50%（當主通道移動到 -100% 時），副通道將自動移動到 -50%。

Offset: 為混控通道設置偏移。此值可使混控關係略微偏移。

MIX	
➔ MIX #1	
MIX IN	OFF
MASTER	CH1
SLAVE	CH2
POS. MIX	50%
NEG. MIX	50%
OFFSET	0%

## ELEVON 升降機控制

Suitable Mode to 適用模式

適用模式

適用模式

適用模式

Suitable for Airplane: Aileron function is for Tilt and Roll Right adjustment.

適用於飛機式：升降機控制可用於調整機翼的傾斜及滾轉。本文的升降機控制功能與副翼具有相似的作用；在升降機前翼及後翼都能以有範圍的方式作用。

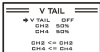
ELEVON	
➔ ELEVON	OFF
CH1	50%
CH2	50%
CH1 <=	CH1
CH2 <=	CH2

## V TAIL 垂直尾翼

Suitable Models 適用機型 

Suitable for V Tail Airplane. Allows adjust to CH1 Aileron and CH2 Elevator Mix function.

適用於機型 - 適用於具有V型尾翼飛機的機型 - 打開此功能可在此設置調整CH1副翼與CH2升降舵的混合比。此功能能調整副翼 - 升降舵的混合比。



## GYRO 陀螺儀

Suitable Models 適用機型 

Suitable for Helicopter. Allows adjust of CH5 Rudder Gyro gain for specific flight modes such as Normal, Hovering, and Idle Up.

適用於機型 - 適用於具有此功能以調整CH5的陀螺儀增益的機型 - 可設定一般模式, 懸浮, 和怠速上升。

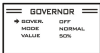


## GOVERNOR governors

Suitable Models 適用機型 

For Helicopter models with a governor function to set the head speed or engine speed. A governor sensor is required to use this feature.

適用於機型 - 對於具有設定速度功能的機型 - 需要安裝頭速或引擎速度。此功能需要安裝頭速或引擎速度。



## SWITCHES ASSIGN 開關設定

Assign Flight Mode switch for normal/3D. Assign the Throttle Hold switch.

此功能為分配飛行模式 - 一般, 3D, 和門鎖的開關。



## THROTTLE HOLD 油門鎖定

Set the Throttle Hold value.

此功能可以將油門鎖定在設定好的油門位置。



## THROTTLE CUT 油門切斷

Suitable Models  
適用機型



Throttle Cut function is used for either a fuel powered helicopter or airplane. When setting correctly a switch will cut off the engine.

適用於油機飛機機型。此功能為設定在發動火油機時。

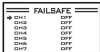


## FAILSAFE 失物保護

To protect the RC model and operator when receiver loose signal the system will restore factory defaults.

Fail-safe menu shows a list of ten channels. If the channel is marked [OFF], it represents the model will fly after the signal is lost. On the other hand, if it shows 1%, the servo will activate to the corresponding percentage, allowing the model to fly in a pattern based on servo percentage settings.

此功能可讓一部份安全保護功能。當接收機失去訊號時中斷時。伺服器或機體控制系統將恢復預設位置。



本功能讓模型下圖示十個通道列表。當接收機訊號中斷時，所有通道將顯示 [OFF]。表示模型在失去訊號時，飛機將恢復預設位置。如果其中一個通道顯示 1%，則表示該通道在失去訊號時，伺服器將恢復到該百分比對應的位置，並保持該百分比繼續運行。

# A10 TRANSMITTER FIRMWARE UPDATE

## A10遙控器主控程式下載更新

ALIGN

A10 transmitter default program is the latest version, please feel at ease to use. You can also link to ALIGN website to get the latest version and the latest news.

A10遙控器 - 在此前就已經是最新版本，請安心使用。您也可以連結至ALIGN網站查詢，隨時更新目前發佈的最新版本及各種維修訊息。

1.PC firmware update: Download A10 transmitter update firmware referring to below link:<http://www.align.com.tw/A10>

電腦主控程式更新：下載A10遙控器主控程式更新安裝檔，請至下列網址：  
<http://www.align.com.tw/A10>



Scan QR CODE and read the detail information for A10 Transmitter Firmware Update and instruction.

A10遙控器主控程式下載更新  
請掃描QR CODE查詢完整的教學步驟，請於教學步驟完成設定安裝。

2.Before upgrade A10 transmitter, please install firmware of upgrade cable (optional equipment). After decompress file, select driver installer (32-bit or 64 bit) according to your installation system.

A10遙控器升級前請先安裝升級線驅動程式的軟體，再壓縮檔案解壓縮，依您的電腦系統32位元或64位元選擇安裝版本。

3.Slide the A10 transmitter power button up to power on the radio. Connect Upgrade Cable to the computer after the radio's power is on.

按壓A10遙控器電源，直到螢幕亮起，此時再將線材與電腦連接。確認安裝後再升級線軟體安裝。



Slide the power button to the ON position. The screen will light, and musical notes are played indicating the radio is powered on.

按壓A10遙控器電源，直到螢幕亮起，此時再將線材與電腦連接。

Option Equipment  
升級線  
Upgrade Cable  
升級線



Please double check upgrade cable is inserted correctly, or can't be upgraded completely.

請再次檢查升級線是否安裝正確，沒有確實安裝則無法下載更新。

Firmware version is shown according to your real updated version. The illustration is for reference only.  
安裝版本會依您實際更新之版本呈現，圖示僅供參考使用。

4. Enter in A10 transmitter 「SYSTEM」 page, select 「FIRMWARE UPDATE」.

進入A10接收器「系統設定」頁面中選擇「固件更新」。



5. The window Firmware update notice 「will be popped out and please press "Confirm"」.

A10接收器會彈出「將進行更新模式，並暫停其他功能，請確認繼續執行」畫面，點擊"Confirm"繼續更新。



Press "Confirm",  
請按"Confirm" 繼續更新

6. After press "Confirm", the transmitter's screen will stay in 「This will enter firmware update mode and halt other functions」.

點擊"Confirm" 後將繼續顯示「A10接收器將停留在「將進行更新模式，並暫停其他功能」。



**注意**

Please don't pull out upgrade cable or power off A10 transmitter to prevent man-made breakdown or unexpected mistakes due to update failure.

此項請您在更新過程中請勿隨意拆線或斷電，請勿因更新失敗造成設備損壞人為故障或發生不可預料的錯誤。

7. Open A10 transmitter upgrade software, select COM port. After select serial port COM port, click 「Update」 to the next installation. The progress status will be shown at the bottom of the page. After firmware update is completed, A10 Transmitter will be powered on again.

按照順序A10接收機升級軟體 - 選擇串口号進行COM00設置 - 選擇串口号進行COM00設置 - 點選「Update」進行安裝 - 安裝後 - 「Update」下方會顯示安裝進度 - 安裝完成後 - A10接收機會重新開機。



**Caution**  
注意

Before installation, please halt or close antivirus firstly to prevent misjudged as software and removed by antivirus when decompressing file.

安裝前請先將防病毒軟體暫時關閉 - 避免安裝軟體時被判定為 - 病毒導致防病毒軟體將文件誤判為病毒而刪除。

8. Power on the radio, screen will light up and power on music is played, A10 Transmitter monitor will switch to home page, then the firmware update completed.

A10接收機重新開機後 - 螢幕亮起開機 - 此時將會播放開機聲音 - A10接收機螢幕會自動不停留在操作畫面畫面直到安裝後的畫面 - 代表升級更新完成。



9. Enter in A10 Transmitter 「SYSTEM」 page and select 「FIRMWARE VER.」 to confirm the new version is completely installed.

進入A10接收機「系統設定」頁面中選擇「固件版本」- 即可確認螢幕已安裝更新版本。





# PRODUCT SPECIFICATION

產品規格

ALIGN

## TRANSMITTER SPECIFICATION (A16) 遙控器規格(A16)

Contents 內容	Specifications 規格
Channel 頻道數量	10 channels
Model Type 遙控器型	Helicopter/Multicopter/Aircraft 直升機-多旋翼-固定翼
RF Range 頻率範圍	2.400-2.475GHz
RF 輸出功率	<20dBm(For EU)
System Mode 系統模式	2.4G system: AHPSS
Power Input 輸入電壓	4-6V(1.5V AA x4)
Display 顯示方式	128x64mm
Transmit Distance 發送距離	In open space without interference < 1000 meters 空曠無干擾環境距離 < 1000m
Antenna length 天線長度	55mm (dual antenna) 35mm (R2220)
Weight 重量數據	485g
Dimension: (L x W x H) 尺寸	275x167x100mm
Certificate 認證	CE, FCC

## RECEIVER SPECIFICATION (A65) 接收器規格(A65)

Contents 內容	Specifications 規格
Channel 頻道數量	14 channels
RX Sensitivity 接收機靈敏度	-105dBm
RF Range 頻率範圍	2.400 - 2.475 GHz
System Mode 系統模式	2.4G system: AHPSS
Power 電源電壓	4.8-6.4V DC
Receives Distance 接收距離	In open space without interference < 1000 meters 空曠無干擾環境距離 < 1000m
Weight 重量數據	14g
Dimension: (L x W x H) 尺寸	48.7x26.8x13.6mm
Certificate 認證	CE, FCC

Thank you for purchasing and supporting ALIGN products.

The Align Team is dedicated to you by innovating and developing new RC Helicopters, Multicopters, and FPV Racing Quads. We strive to provide a more diversified experience for our customers. Visit our website at [www.align.com.tw](http://www.align.com.tw) for latest news, information, and updates about our extensive line of products for the RC enthusiasts.

### Good Flying!

再次感謝您對 ALIGN 所開發的遙控飛機、無人機及竞速飛行器所投入的熱情。

ALIGN 團隊將致力於您，不斷創新及開發新的 RC 直升機、多旋翼飛機及 FPV 竞速飛行器。我們致力於為我們的客戶提供更多元化的體驗。請到我們的網站 [www.align.com.tw](http://www.align.com.tw) 獲取最新的消息、資訊及關於我們廣泛產品線的最新消息，以方便您隨時關注。

祝您飛行一切順利！



**ALIGN Flight Safety** 安全飛行安全指南

<http://www.align.com.tw/flysafe-en/>



**ALIGN TRAX Helicopter** 四軸遙控直升機

<http://www.align.com.tw/helicopter-en/>



**ALIGN Multicopter** 四軸遙控飛行器

<http://www.align.com.tw/multicopter-en/>



**ALIGN FPV Racing Quad** 四軸竞速機

<http://www.align.com.tw/multicopter-en/mc2/>



**ALIGN Website** 官方網站

<http://www.align.com.tw>



**ALIGN Shopping Cart** 官方購物車

<http://shop.align.com.tw/index.php?lang=en-en>



**ALIGN Quick Finder** 四軸零件快速網

<http://shop.align.com.tw/quickfinder.php?lang=en-en>



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**ALIGN YouTube**

[https://www.youtube.com/channel/UCePj\\_KSDNoTH8nP1eyUvM8Q](https://www.youtube.com/channel/UCePj_KSDNoTH8nP1eyUvM8Q)



**ALIGN Youku**

<http://li.youku.com/li/UMTGD04jDwHjcdHgn>

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