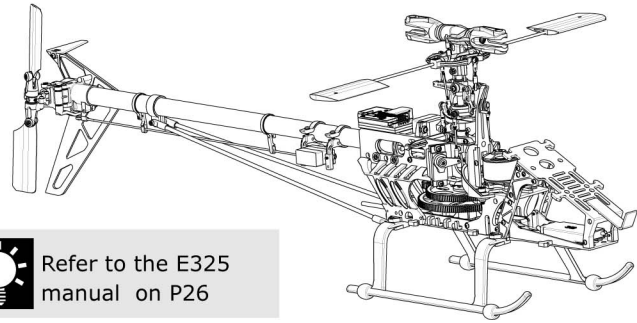


# QUICK START GUIDE

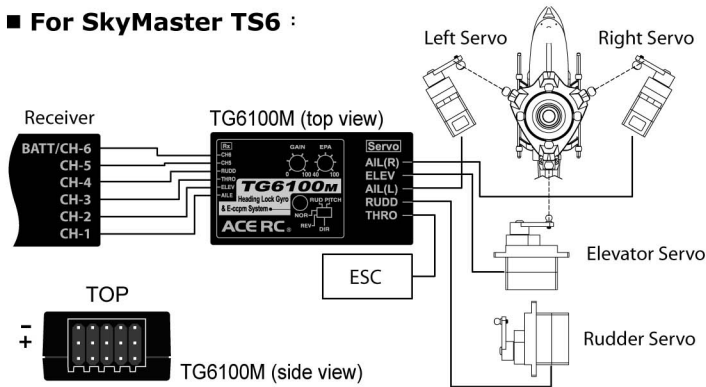
## 1 Fully-assembled helicopter



Refer to the E325 manual on P26

## 2 Setting up electronic devices

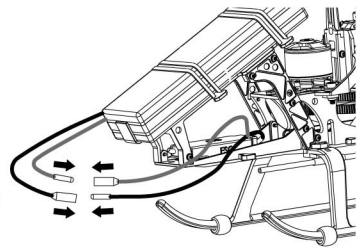
### For SkyMaster TS6 :



- Connect Gyro to Receiver as indicated on the units, ensure the "AILE" line is toward the upper side of receiver, "ELEV"(red), "THRO"(orange), "RUDD"(yellow), "CH-5"(green), "CH-6"(blue) connect to CH-1~CH-6 on the Receiver (as the above/left illustration), the color lines are facing towards the front.
- When connecting Servos to Gyro, ensure all the black & brown lines on the Receiver are facing towards the top of TG6100M.

## 3 The "trim" setting

- Trim is set by Thunder Tiger at the factory.
- Please read TG6100M manual to operate the device properly.
- The ESC must be re-calibrated if you change the "trim" position on Thro./C.P.
- For 6Ch transmitter, the 6th channel is for switching between "Normal" and "Idle-up" flying modes. Please ensure it's set to normal mode at this procedure.



## 4 Connecting the battery and ESC

Successful connection is confirmed by a series of rising tones. Re-check Reverse switch for Throttle & 6-CH if failed.

- Ensure to perform this procedure with the motor pinion away from the main gear.
- Ensure wires are connected properly. (red to red and black to black)

## 5 Binding Procedure

This operation establishes communication between the transmitter & the receiver through a special ID encoded in the transmitter's signal. Binding is set at the factory. Under normal operation, performing this procedure is not necessary.

- Position both sticks and trim levers to the center/neutral position.
- Press and hold the binding SW on the transmitter and turn on the power. Then release the binding SW, the LED above Binding SW will start flashing in red & green light.



- Press and hold the red Binding SW on the receiver, and simultaneously connect the battery and ESC. Release the Binding SW, the binding process is initiated and the LED will flash in red & green light.



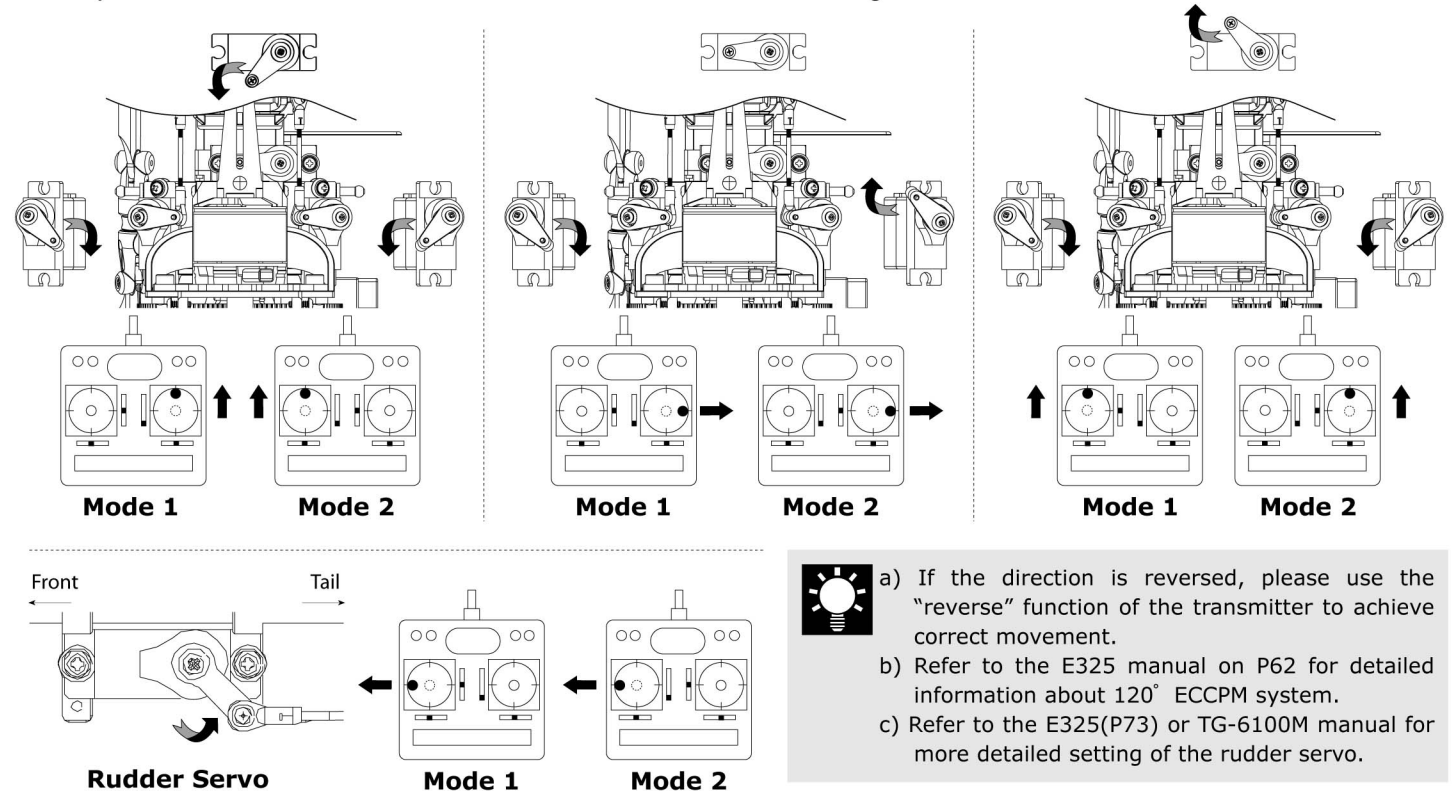
- Wait for 5~10 seconds, both LEDs on transmitter & receiver turn to green, the Binding procedure is successful.

### Caution

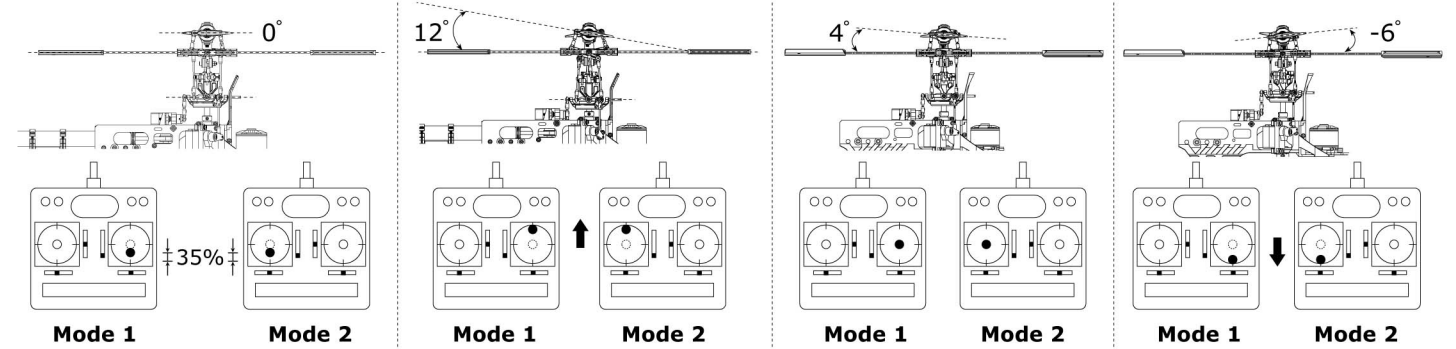
The failsafe setting would be erased once performing binding procedure. Remember to refer the TS6 manual, page 7 to reset FAILSAFE function after binding.

## 6 Checking Servos operation

- The mechanism and the transmitter is set by Thunder Tiger, please follow the checking procedure to ensure safety flying.
- Please ensure the rudder can reaches maximum throw without bending.

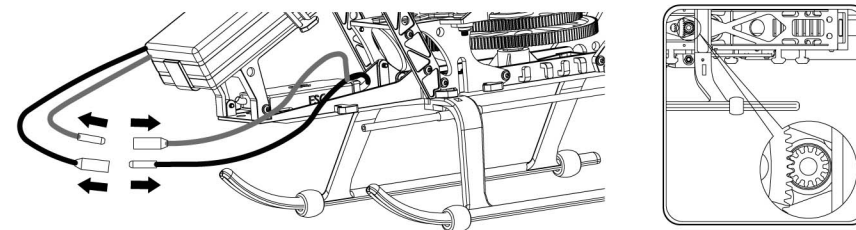


## 7 Confirming neutral position on the control surfaces servos



- All servos are already pre-set at the factory. Please follow the checking procedure to ensure safe flying.
- If the checking result failed, please follow the TG6100M manual "SETTING AND ADJUSTMENT" section to re-install and re-adjust.

## 8 Turning off the power and re-installing the motor



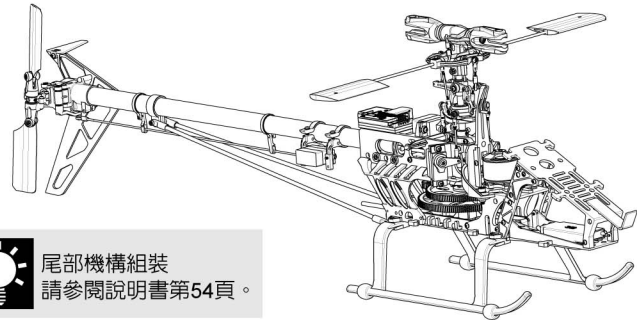
- Disconnect the battery and the ESC
- Push the motor forward to the correct position and adjust the gear mesh. (Refer to E325 manual on P55)
- Reconnecting the battery & ready to fly.

## 9 Flying

- The FAILSAFE function is set at the factory. For safety, it's recommended to re-check FS function by turning off your transmitter and watch the servo failsafe position active before flying. The default FS settings are:
  - Throttle at idle position (Throttle stick is at lowest)
  - Both Gear (CH5) & AUX (CH6) switch are at forward position.
  - The other channels are at neutral position
 Refer the TS6 manual, page 7 to reset FAILSAFE function if necessary.
- You may need to adjust the linkage to ensure the blades track properly.
- It is recommended to have an experienced pilot check your helicopter before the first flight.

## 快速啟動說明書

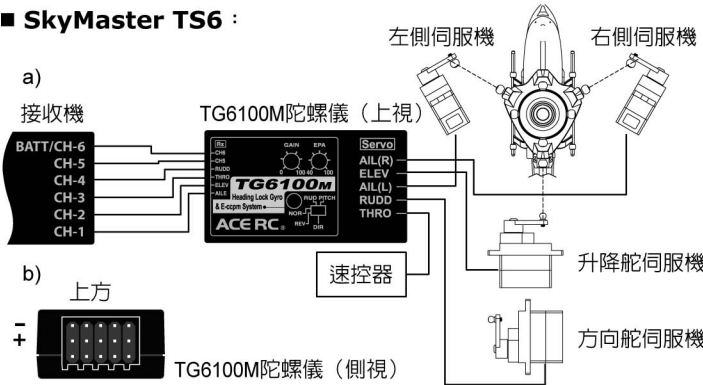
### 1 完成機構組裝



**尾部機構組裝**  
請參閱說明書第54頁。

### 2 安裝電子設備

#### ■ SkyMaster TS6 :

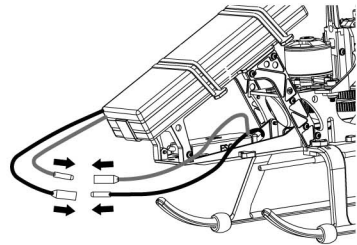


- 請將陀螺儀上接線依相對應字樣連接至接收機上，並確認AILE三條連接線中的白色線朝前（接收機正面方向），ELEV（紅線）、THRO（橙線）、RUDD（黃線）、CH-5（綠線）、BATT/CH-6（藍線）分別依序對應接收機CH-1~CH-6（左上圖），且色線皆朝前（接收機正面方向）。
- 在連接伺服機至TG6100M陀螺儀插孔時，請確認黑色/棕色連接線朝TG6100M上方。

### 3 “微調”設定

- 本產品出廠時，微調功能皆已設定妥善。
- 若您需調整 TG6100M 功能，請務必先詳閱說明書。
- 當您對油門/螺距撥桿微調進行調整時，請記得一併重新設定速控器(ESC)。
- 當您使用 SkyMaster TS6 或其他6動遙控系統時，第6動開關會被設定為“正常飛行”或“特技飛行”模式開關，在進行“微調”設定時，請務必先確認是否位於正常飛行模式下。

### 4 接上電源及速控器



正確連結後，速控器會發出高聲調確認聲響，若無，請重新確認油門及第6動

- 安全起見，在執行此程序前，請先確認馬達驅動齒未接觸主齒輪。
- 請確認接線方向是否正確（兩端接線顏色務必相同）。

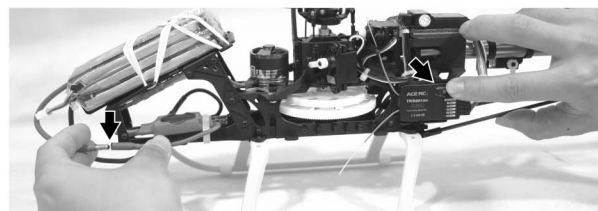
### 5 執行發射機與接收機對頻程序

對頻程序在建立發射機與接收機間相對應的認證訊號；對頻程序已在出廠前完成設定，若無必要，您無需再次進行此程序。

- 請先將所有撥桿及微調置中。
- 壓住發射機上“對頻開關（Binding SW）”並開啓發射機電源；接著放開對頻開關，此時開關上方的燈號會呈現紅、綠快閃狀態。



- 按住直昇機上接收機紅色對頻開關，同時將電池連接上速控器，然後放開對頻開關，此時接收機上燈號會呈現快閃紅、綠燈號，表示已進入對頻程序。



- 等待5~10秒，待發射機及接收機上燈號皆呈現綠燈，表示對頻程序已完成。

#### 警告

當執行對頻程序時，安全回復設定會同時被清除。對頻後，請參閱TS6遙控器說明書第17頁重新設定安全回復功能。

#### 主旋翼組裝

- 安全起見，請確實依下列程序組裝主旋翼：
- 將主旋翼連接座與旋翼進行假安裝，並於旋翼包膜上描繪連接座形狀。
  - 移開連接座，以刀片依連接座形狀小心地切除包膜，請注意勿切割到旋翼本體。
  - 可將連接座內側稍以砂紙打磨，以增加黏著力。將去除包膜的旋翼部份平均塗上快乾膠，如下圖所示。
  - 將旋翼連接座合入旋翼本體，並確實鎖好螺絲。
  - 去除多餘滲出的膠水，即完成。

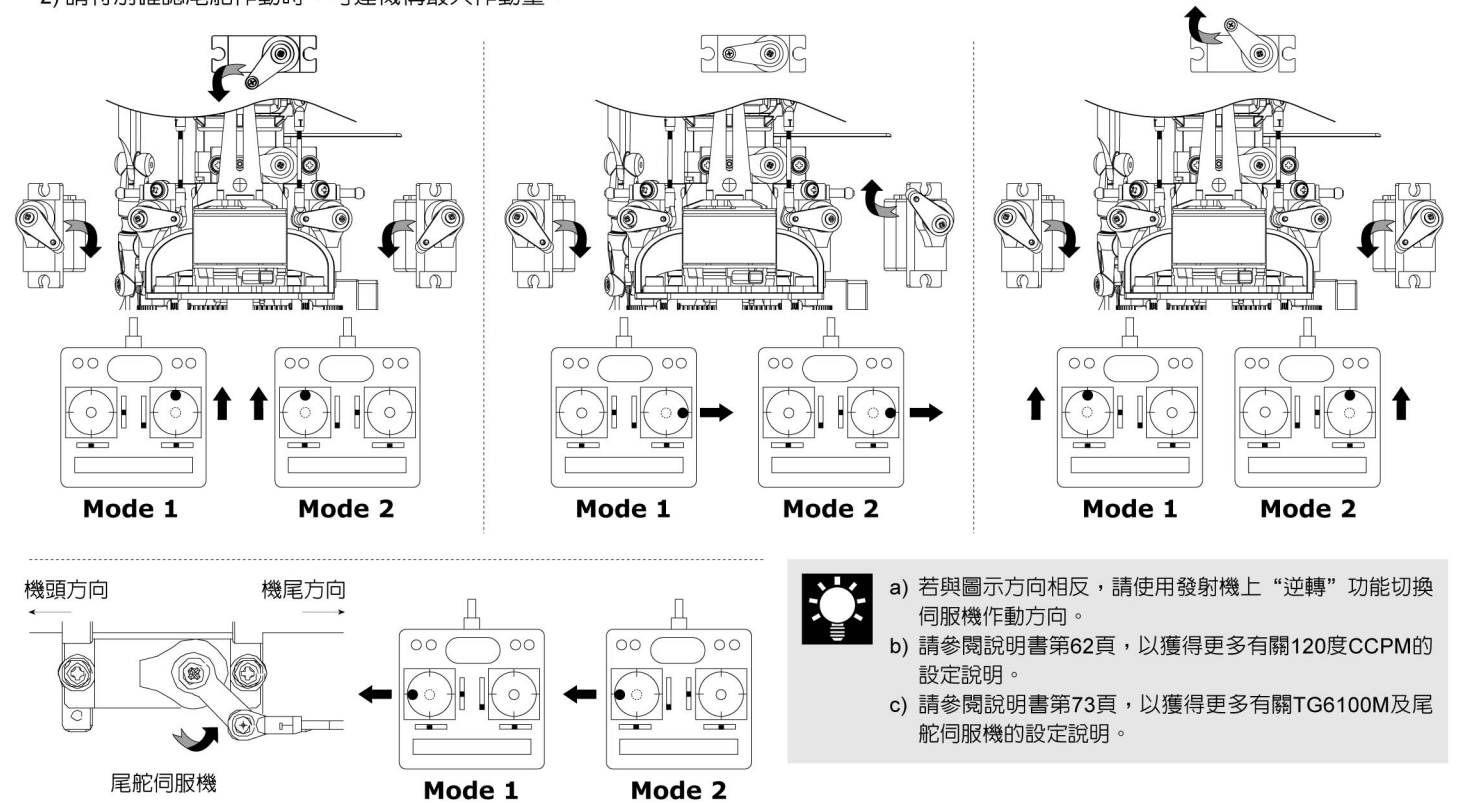


#### 發射機訊號方向確認

請確認發射機上正逆轉開關，第3及第5頻道撥切至“R（逆轉）”位置。

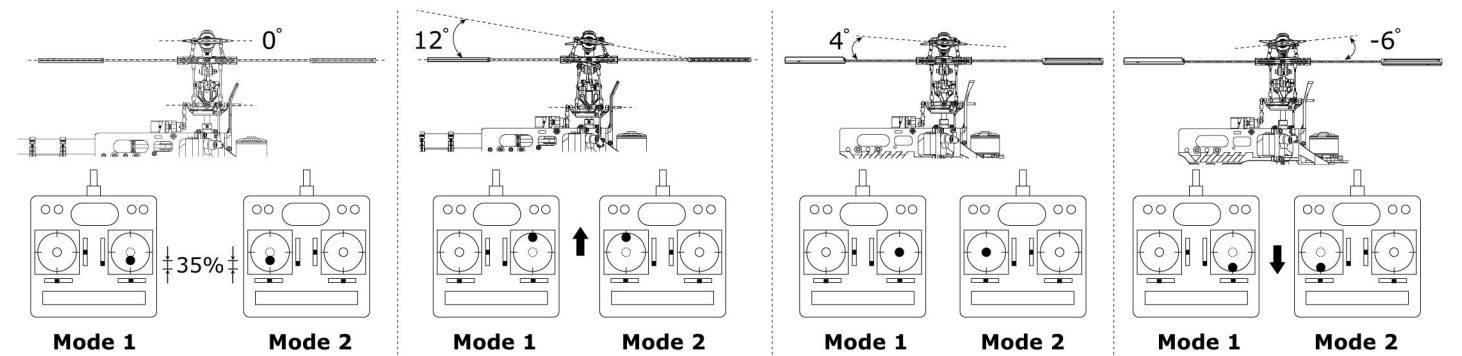
### 6 確認所有伺服機作動方向

- 本產品機構與發射機出廠前皆已設定完成，但為飛行安全起見，建議您依照下列程序再次進行確認。
- 請特別確認尾舵作動時，可達機構最大作動量。



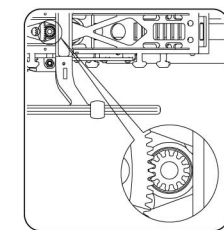
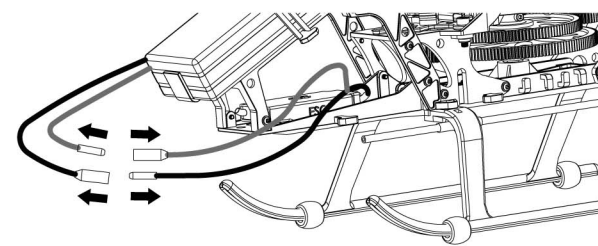
- 若與圖示方向相反，請使用發射機上“逆轉”功能切換伺服機作動方向。
- 請參閱說明書第62頁，以獲得更多有關120度CCPM的設定說明。
- 請參閱說明書第73頁，以獲得更多有關TG6100M及尾舵伺服機的設定說明。

### 7 再次確認發射機撥桿中立點與控制舵面伺服機對應情況



- 本產品出廠時，已完成所有伺服機設定，為安全起見，請務必再次進行確認程序。
- 若確認後發現任何異常，請參閱TG6100M說明書中“設定與調整”章節重新進行安裝及調整。

### 8 關閉電源後重新安裝馬達



- 先將速控器與電池連接線拔除。
- 將馬達固定座（含馬達）調整至與主齒輪盤接觸之適當位置。（請參閱產品說明書第55頁）
- 重新插上電源，即完成飛行準備。

### 9 開始飛行

- 原廠已預設安全回復功能。安全起見，飛行前，建議您再次確認安全回復功能是否作動正常，請關閉發射機電源並觀察直昇機上伺服機是否正確作動至安全回復位置。原廠預設FS功能如下：
  - 油門伺服機回復至怠速位置。（油門撥桿於最低點）
  - 第5及第6動開關（AUX及Gear）皆回復至撥切在前位置
  - 其他通道皆回復到中立點

- 若需要重新設定安全回復功能，請參閱TS6遙控器說明書第17頁說明。
- 請先確認停懸時，主旋翼是否出現雙槳情形。
- 強烈建議飛行前，務必先向有經驗的飛行老手請教並檢查所有設定是否正確。