GP750 GYRO SETTING NOTE

ALIGN

GP750 contains many function settings. In order to use it more smoothly and bring up the function of the gyro, please read and understand the following illustrations:

1. The first function setting of GP750 is 1520 μs (standard) or 760 μs (narrow band) servo selection. Please set 1520 μs (standard) for all Align DS series digital servos, which has green STATUS LED.

※CAUTION◎ Only set 760 μs (narrow band) when using FUTABA s9256,S9251, and BLS251 servos.

◎If you set 760 μs (narrow band) instead of 1520 μs (standard) when using Align DS series digital servos, it will cause the rudder servo deflect to the side and unable to center. The limit will be really little and unable to function normally. The servo will be jammed because of the tail control assembly has an exceed travel limit. The servo will be burned out if holding this condition for 30 seconds.

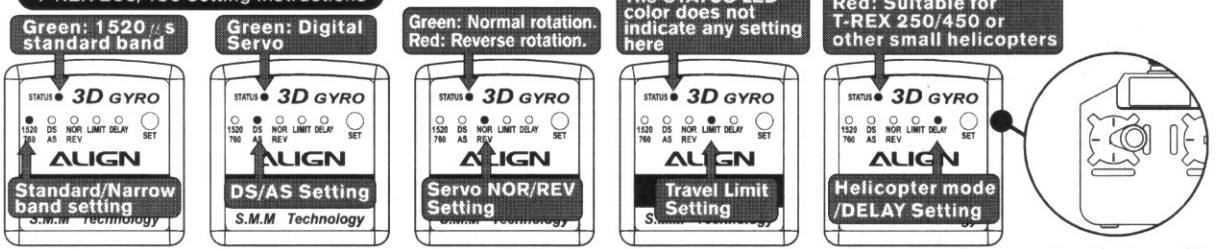
2. The DELAY setting of GP750 is not only control the delay but also the helicopter mode. Red STATUS LED is for TREX 250/450 and green STATUS LED for TREX 500/600/700. Please always remember to set the STATUS LED to red when paired with a T-REX 250 or any adjustment may cause tail slides and bad locking result.
3. Please install the round servo horn set into DS420 servo (the most inner hole, 4.5mm to the mid-point of rudder piece.
4. Please set the pitch of AIL, ELE and PIT 40%~45% from the SWASH setting in the transmitter. The pitch of the main blade should be set between 10° ~11° . Suggested not set over 11° or the instant movement may happen when push the throttle rapidly.

Program setting table

Setting type	1520/760 μs	DS/AS	NOR/REV	LIMIT	Helicopter mode / DELAY
"STATUS"green	▲Standard 1520 μs Servo	▲Digital servo	▲Normal rotation	Left(Right)Travel limit	Medium/ large heli, suitable for T-REX500/600/700
"STATUS"red	Narrow band 760 μs Servo	Analog Servo	Reverse rotation	Right(Left)Travel limit	Mini/ Micro heli, suitable for T-REX250/450
Setting instruction	See no. 2 in setting instructions	See no. 3 in setting instructions	See no. 5 in setting instructions	See no. 6 in setting instructions	See no. 8 in setting instructions

NOTE : 1. "▲"Default setting ◦ 2. Wrong heli mode will affect the performance of gyro. Do not fly before the complete setting.

T-REX 250/450 setting instructions



The GP750 is set to 1520 μs at the factory. Use the rudder stick on your transmitter to select, and set it to green STATUS LED.

When using Align DS series digital servos, please set it to green STATUS LED.

Move the heli and observe if the direction of tail rotor compensation is correct. If not, please modify the NOR/REV Setting.

Move the rudder stick on your transmitter left until the tail pitch slider reaches the end. Repeat on the right until the tail pitch slider reaches the other end. Then press the "SET" button.

When paired with a T-REX 250/450, please remember to set the STATUS LED to red. If you want to set delay at the same time, please move the transmitter rudder stick to the direction where STATUS LED is red. With the DELAY STATUS LED flashing, the delay amount is adjusted by stick position from the center: percentage is 0% at middle stick position, and 100% at the end position.

Move the transmitter rudder stick to the needed delay percentage and press the "SET" button.

G20235

GP750鎖定式陀螺儀使用提醒

ALIGN

GP750具有多項的功能設定,為了讓您在使用上更加的順手,使陀螺儀的性能得以發揮,請您務必在使用前詳細閱讀以下說明!

1.GP750第一項功能設定為寬頻1520μs/窄頻760μs伺服機選擇,使用亞拓DS系列數位伺服器請務必設定為寬頻1520μs,即"STATUS"指示燈為綠燈。

※注意:◎目前市面上採用760μs系統的伺服器只有FUTABA的S9256、S9251、BLS251。

◎寬頻1520μs伺服器若設錯為窄頻760μs功能時,將造成伺服器中立點偏向一邊,而且動作行程非常小無法正常運作,而直昇機尾控制組也會因此超過最大行程使伺服器卡死,此錯誤狀態若持續30秒將導致伺服器燒毀。

2.GP750第五項DELAY功能設定除了控制延遲量外,同時還兼具大、小型直昇機的選擇,"STATUS"指示燈為"紅燈"時適用250/450機型;"綠燈"時適用500/600/700機型,用於T-REX 250時務必設於紅燈,否則無論感度如何調整都可能造成擺尾或鎖定效果明顯差。

3.DS420尾伺服器請安裝圓形的舵角片,孔位請安裝於最內孔,與舵片中心距離為4.5mm。

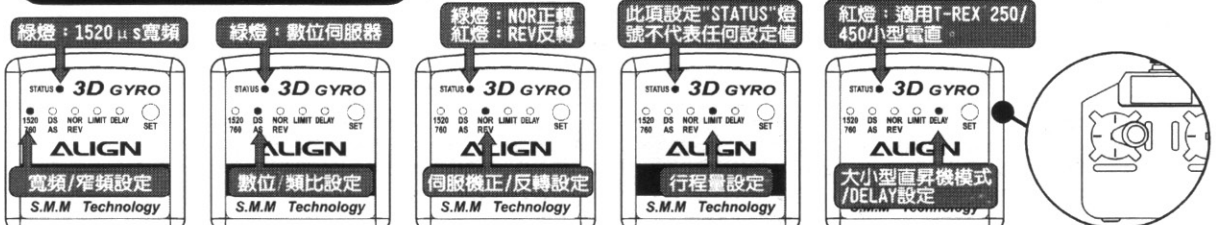
4.請將遙控器裡的SWASH設定:副翼(AIL)、升降(ELE)、螺距(PIT)的控制量設在約40% ~45% ,主旋翼的最大螺距大約在10° ~11° 間的表現最佳,建議不要超過11° ,過大的螺距設定與主旋翼轉速不足,將導致螺距瞬間推到最大時造成擺尾的情形。

程式設定對照表

設定項目	1520/760μs	DS/AS	NOR/REV	LIMIT	直昇機模式/DELAY
"STATUS"綠燈	▲標準1520μs伺服機	▲DS數位伺服機	▲NOR正轉	左(右)行程量	中型/大型直昇機 適用T-REX500/600/700
"STATUS"紅燈	窄頻760μs伺服機	AS類比伺服機	REV反轉	右(左)行程量	小型/迷你型電直 適用T-REX250/450
設定方式說明	參照設定方式第2項	參照設定方式第3項	參照設定方式第5項	參照設定方式第6項	參照設定方式第8項

註:1."▲"表出廠設定值。 2.錯誤的直昇機模式將影響陀螺儀性能,未完成設定前請勿飛行。

搭配T-REX 250/450設定方式



亞拓數位伺服機皆為"寬頻"1520μs系統,請利用方向舵搖桿來選擇,將"STATUS"設定為綠燈。

使用亞拓DS系列數位伺服機時,請將"STATUS"設定為綠燈。

將直昇機機頭往左或往右偏移,若尾舵控制方向錯誤,請更改正反轉設定。

將方向舵往左與往右推到行程量的最大限度後,按下SET鍵確認。

搭配於T-REX250/450時務必將"STATUS"設定為紅燈,若要同時設定DELAY時,請將方向舵搖桿往紅燈的方向撥,當"DELAY"燈開始閃爍時,延遲量為0%,撥到底時為100%。

移動搖桿至所需的延遲量不動,同時按下SET鍵確認。

G20235