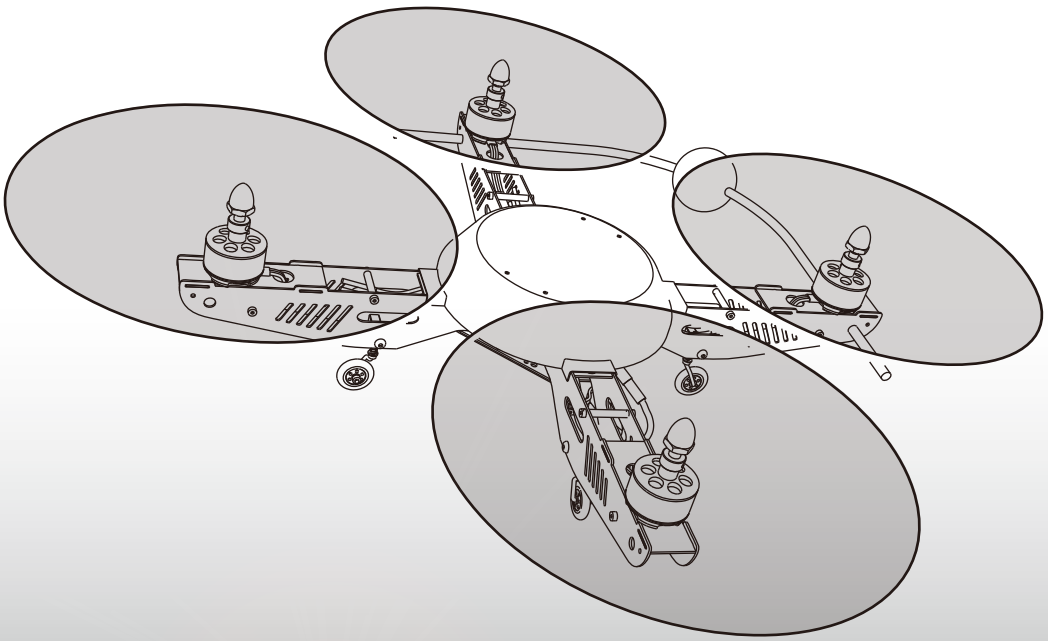
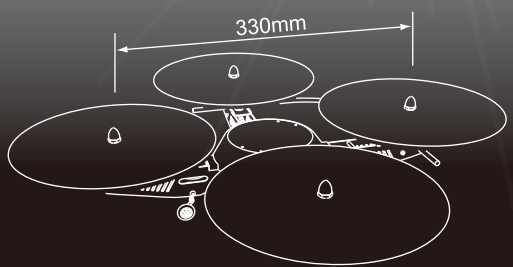
GAUI

330X

Quad-Flyer

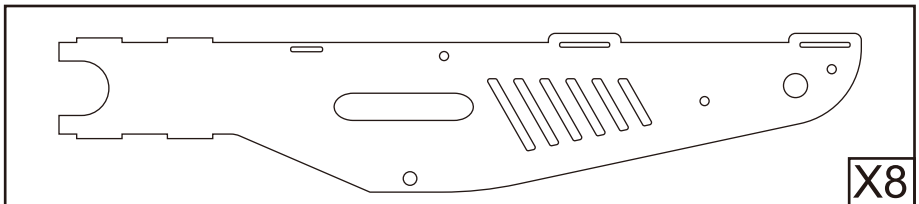


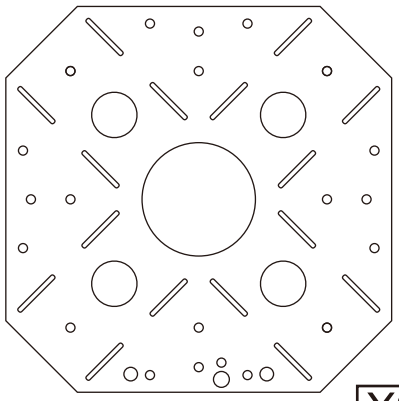
Max Flying Weight : 1100g

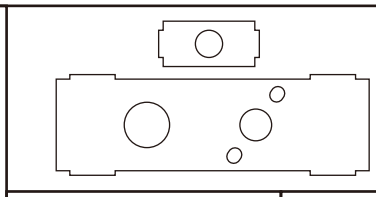


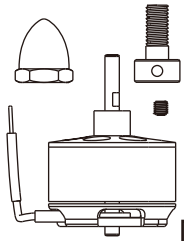
8 inch Prop
Weight : 400g
(without batt.)
Battery :2S~3S Lipo
4~5CH radio control system

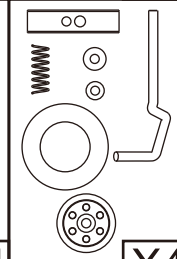
＊ *ASSEMBLY INSTRUCTION* 說明書

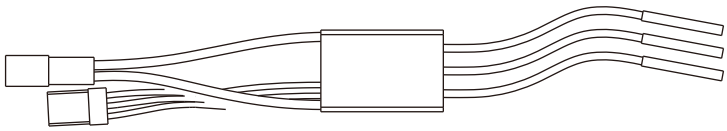

X8


X2

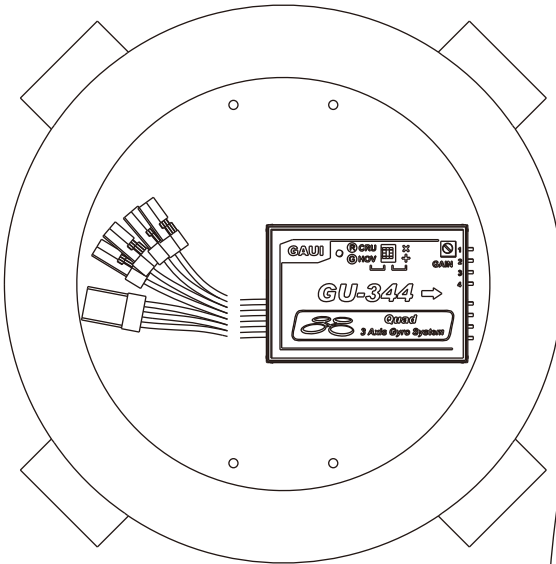

X4

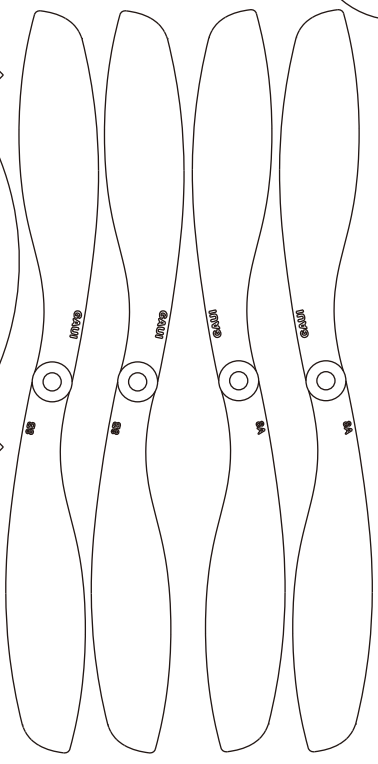

X4

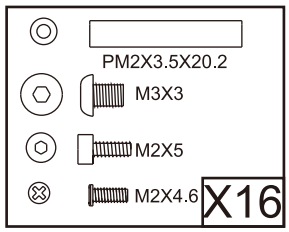

◎X2 X4


X4

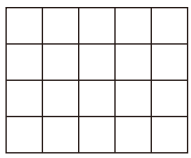
Touch Fastener Tape
魔術氈

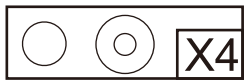






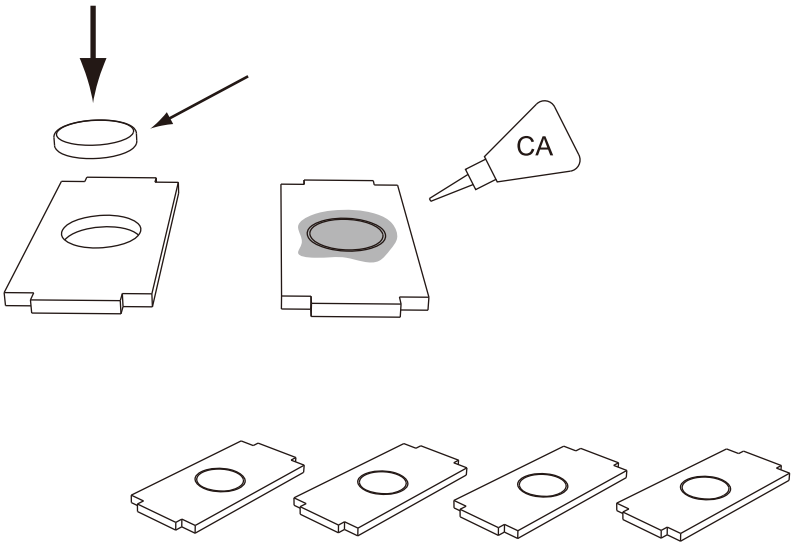
X16




X4

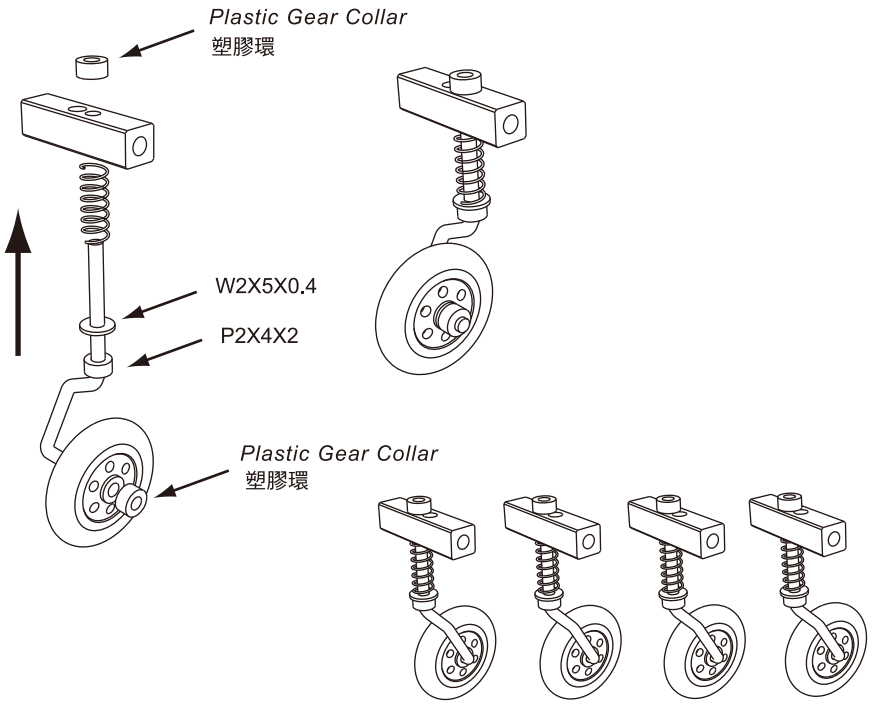
Insert the magnet into the hole of each Windshield Mount. Use the CA to glue it at bottom side.

將磁鐵壓入纖維板內, 並用瞬間膠塗抹底面(單面即可).

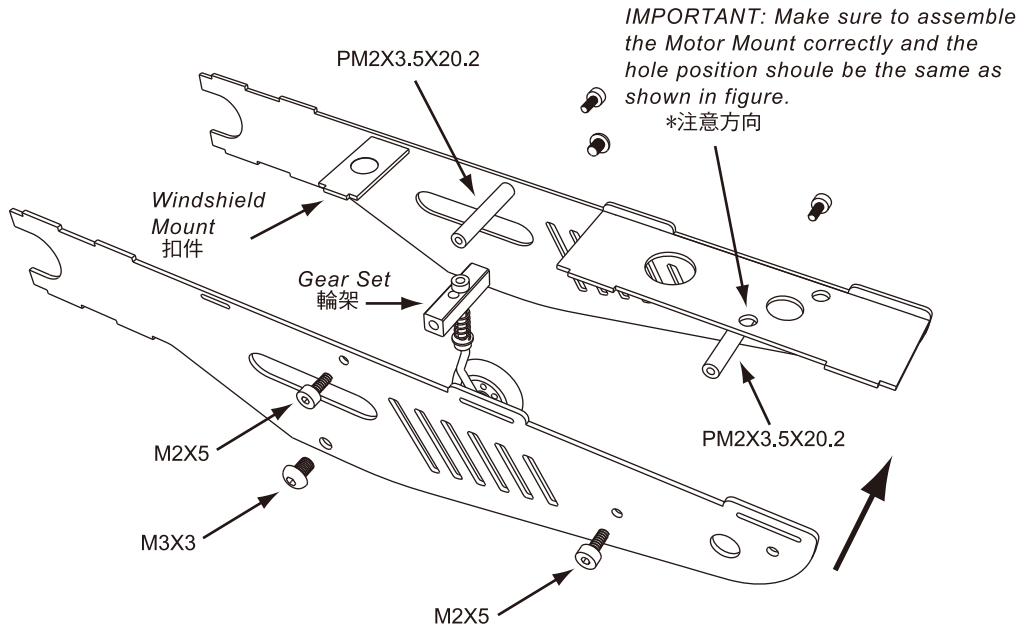


Assemble the gear set as shown in figure.

如圖完成輪架製作.

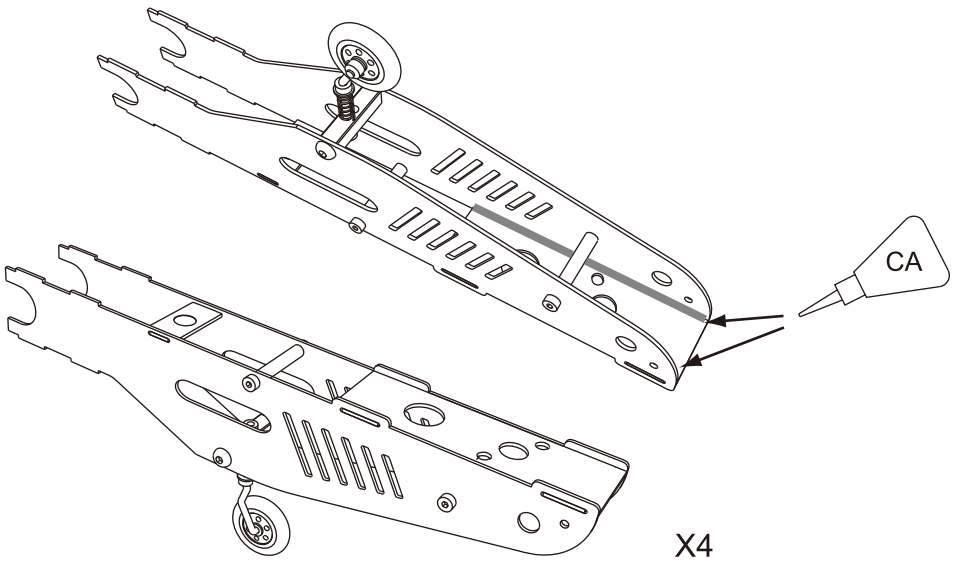


Assemble each Frame Extension as shown in figure.
如圖組合機架



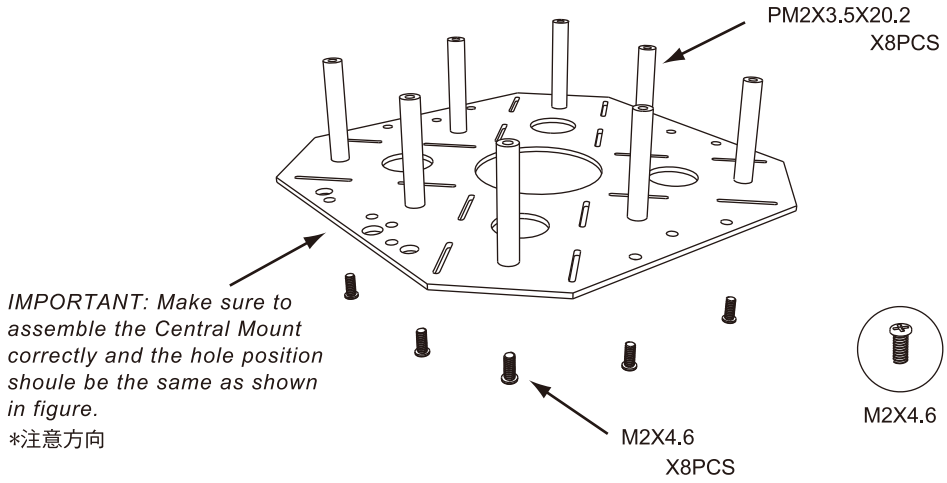
Main Frame Assembly 機身製作 GAUI TAI SHIH HOBBY CORPORATION

After assembled 4 Motor Mounts onto Frame Extensions,use the CA to glue them as shown in figure.
完成四組機架製作, 並在下方兩側用少許瞬間膠填補間隙.



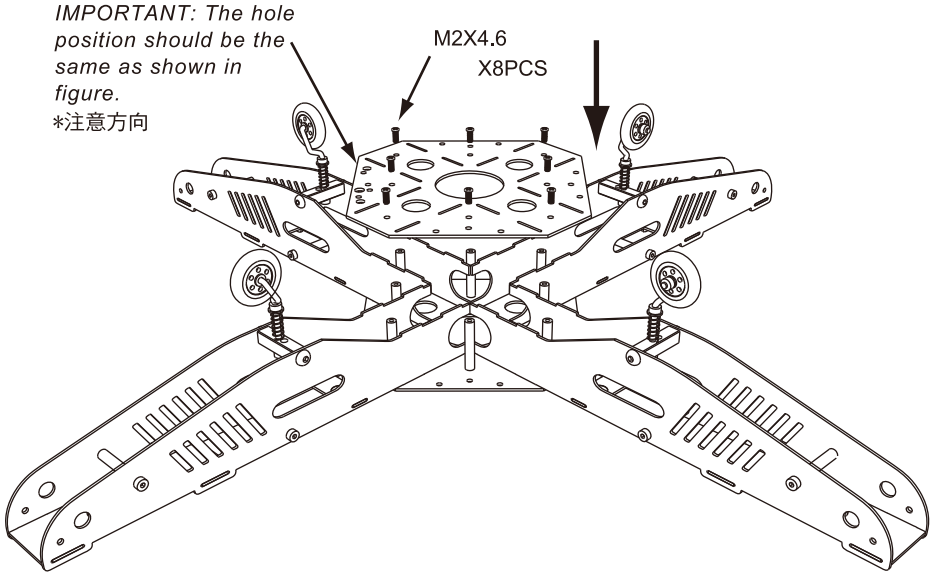
Assembled
*完成圖

Assemble the Alu Posts (8 pcs) onto Central Frame as shown in figure.
如圖鎖上八支鋁柱.



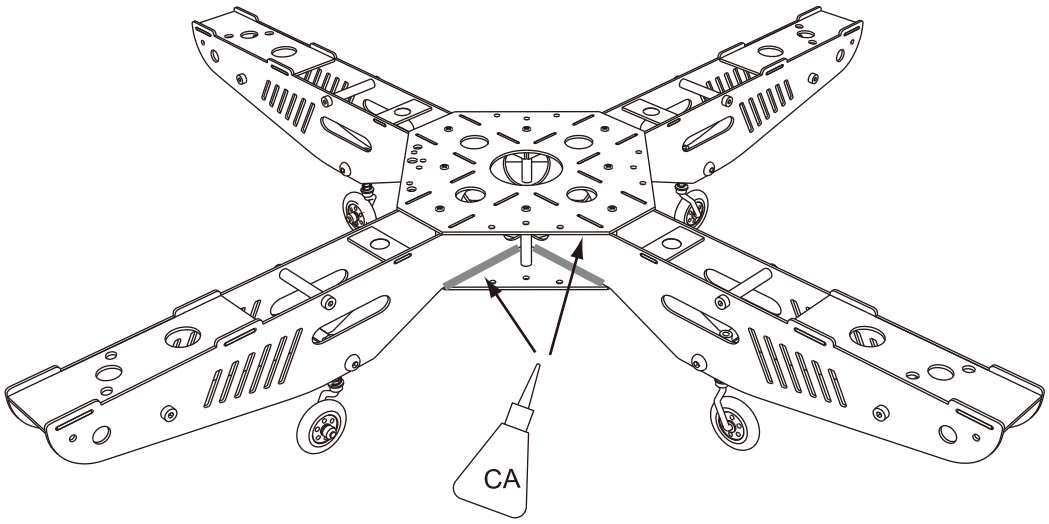
Main Frame Assembly 機身製作 GAUI TAI SHIH HOBBY CORPORATION

Assemble the Central Frame and 4 Frame Extensions as shown in figure.
IMPORTANT: Make sure to assemble the Central Frames correctly and the hole position should be the same as shown in figure below.
鑲入四支機架, 並鎖上下底板. (注意上下底板位置及方向)



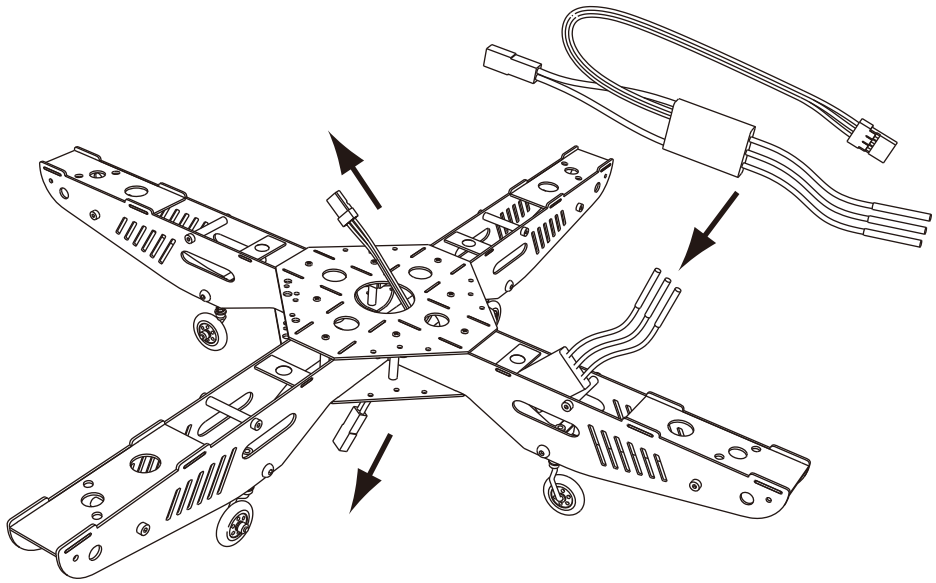
After assembled the Central Frames and the Frame Extensions,use the CA to glue them as shown in figure.

完成機身製作後, 需在機架與底板接合處上少許瞬間膠以填補間隙. (如下圖)

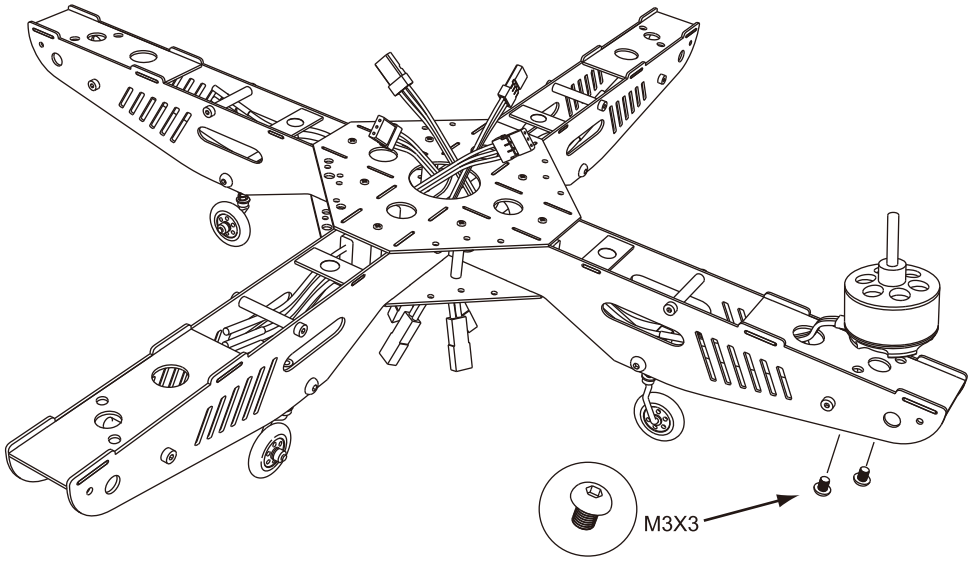


Install each ESC as shown in below, pull out the signal pulg from upper hole and the power plug from lower hole.

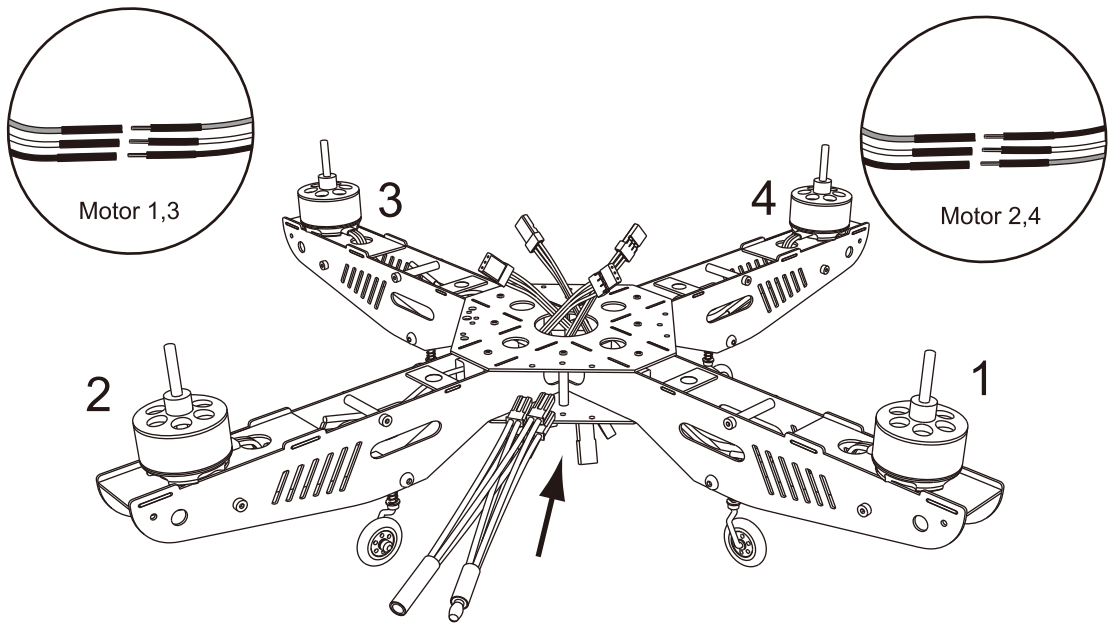
如圖置入ESC, 並將訊號現由上孔穿出, 電源線由下孔穿出.



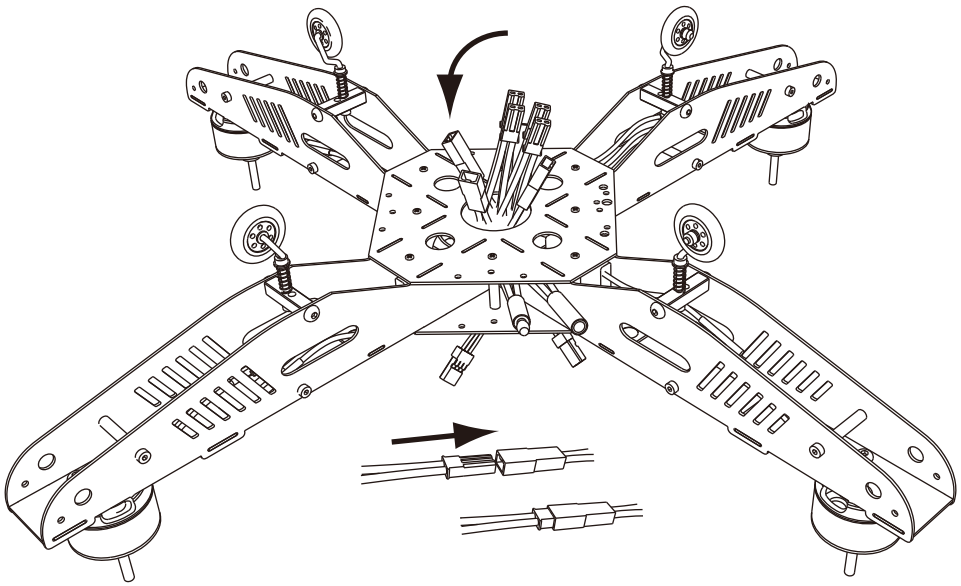
Install each Motor as shown in below, tighten each motor onto motor mount with screws M3x3.
將馬達線穿入馬達座之圓孔, 並將馬達鎖至馬達座上.



Wiring the Motors and ESCs as shown in below (Note that the colors of motor wires are different from various motor numbers, insert the 4-in-1 Power Connector from bottom hole of the Central Frame Set, pull out the Psoitive / Negative plugs from the side between Upper and Lower Central Frames.
將馬達線與ESC接上(注意馬達號碼與接線顏色不同), 並將電源線由側孔穿入, 下孔穿出.

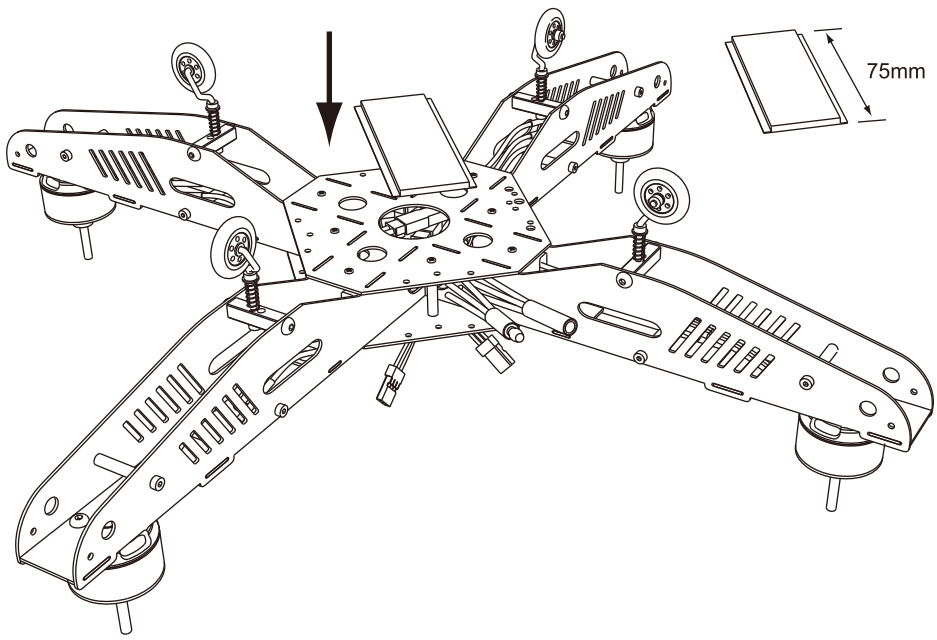


Connect the plugs of ESCs to the 4-in-1 Power Connector.
電源線穿出後, 與四個ESC端子相接.



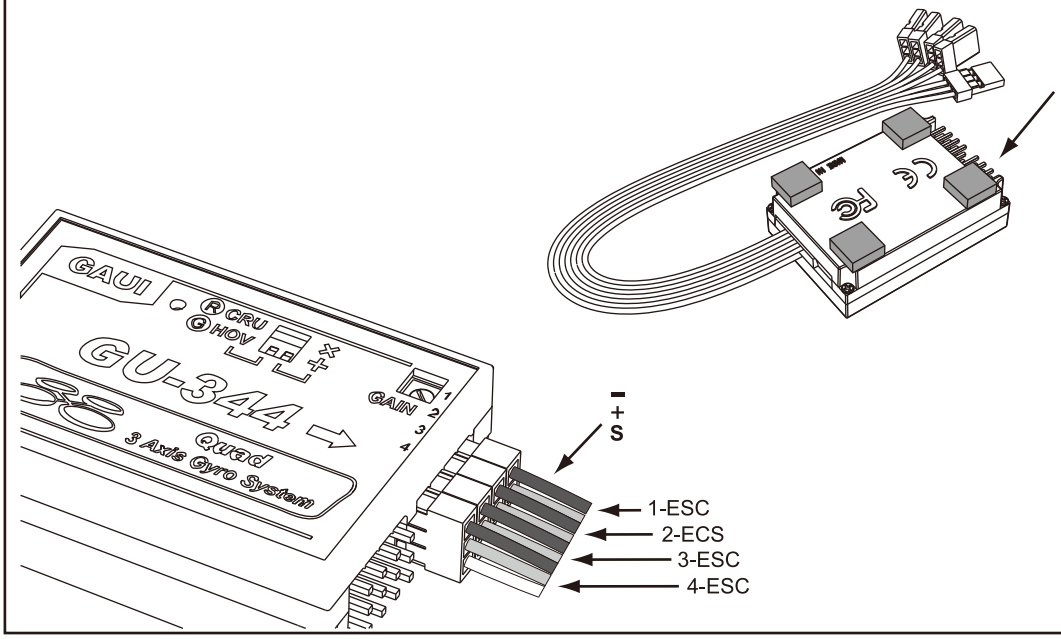
Power Plug Wiring 組裝電源線 GAUI TAI SHIH HOBBY CORPORATION

After connected the pulgs, put the connectors into the Central Frame Set and attach the Touch Fastener Tape onto the Bottom Fram as shown in figure.
端子接合後置入機體內, 並用魔術氈貼在上方(如圖所示).



Attach the sponge tapes to the bottom side of GU-344 GYRO, make sure to use the sponge tapes which come with the gyro but not use different sponge tapes for instead. Put each ESC signal plug in GU-344 correctly as shown in figure below.

將GU-344下方貼上防震雙面膠(不可用其它雙面膠替代), 並將四組ESC訊號線接在GU-344上(注意號碼需相同, 不可接錯).



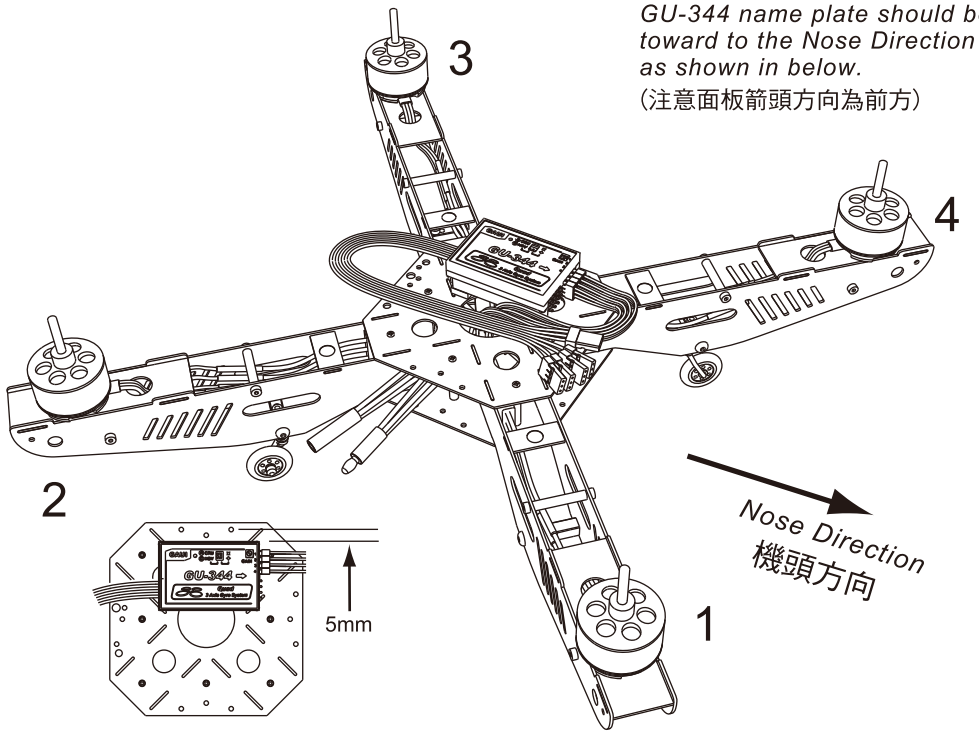
GU-344 Installing 組裝GU-344 GAUI TAI SHIH HOBBY CORPORATION

Attach the GU-344 GYRO to the position as shown in figure below.

將GU-344貼於中心孔左側, 位置如下圖.

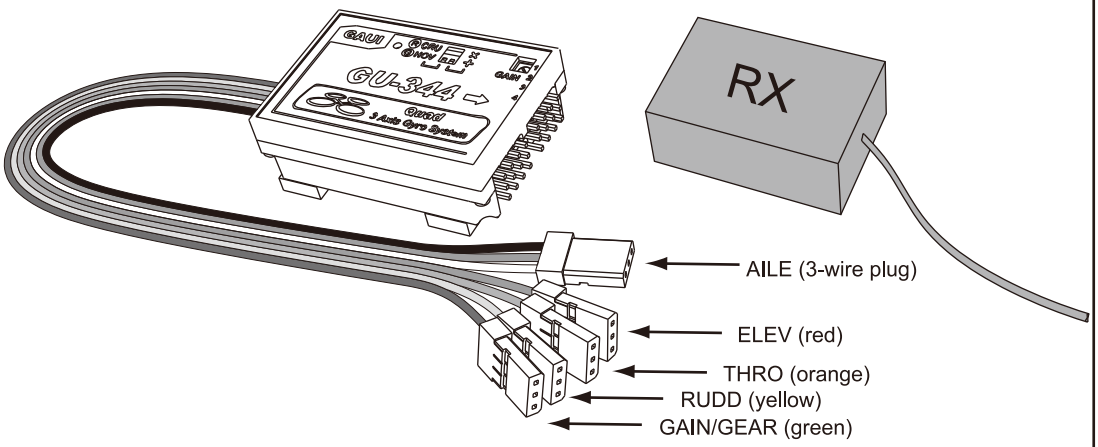
IMPORTANT: The arrow on the GU-344 name plate should be toward to the Nose Direction as shown in below.

(注意面板箭頭方向為前方)



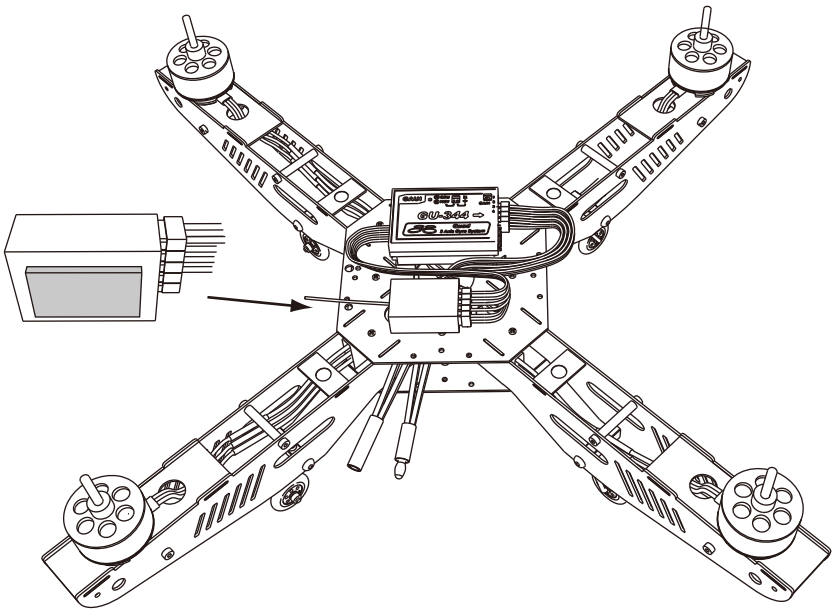
Put each signal plug of the GU-344 in receiver correctly as shown in figure below. Bypass the plug with the Green Wire if using the 4CH transmitter, the GAIN Value is able to be adjusted in Step 2 of Page 12.

將GU-344的訊號線(每一條所代表的定義如下)接到接收機上的正確位置. 如果你是使用四動作遙控器, 綠色訊號線則不接, GAIN的調整及模式設定就用面板上的旋扭及開關來完成. (見系統設定篇)

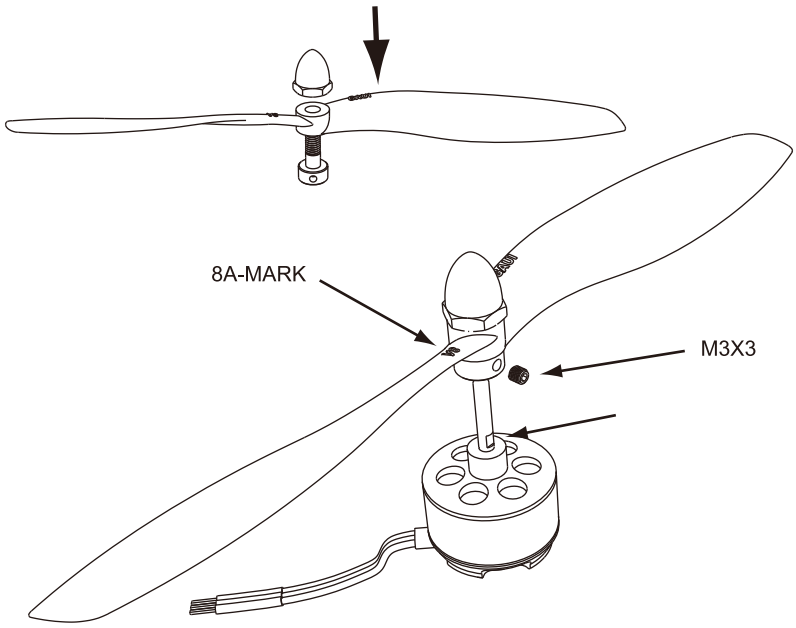


Receiver Installing 組裝接收機 GAUI TAI SHIH HOBBY CORPORATION

Use a double-side tape to attach the Reveiver to the position as shown in figure below.
用雙面膠將接收機貼於中心孔右側(位置如下).

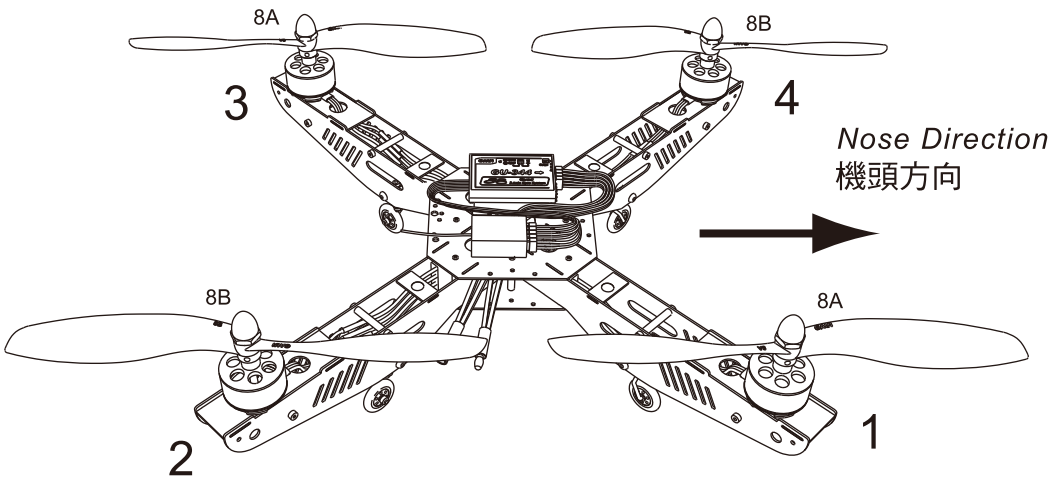


Assemble the props / adaptors / spinners as shown in figure below, make sure the marked side of each prop should be upward.
用機鼻將螺旋槳固定在轉接頭上, 並用螺絲將轉接頭鎖在馬達軸心的平面上.

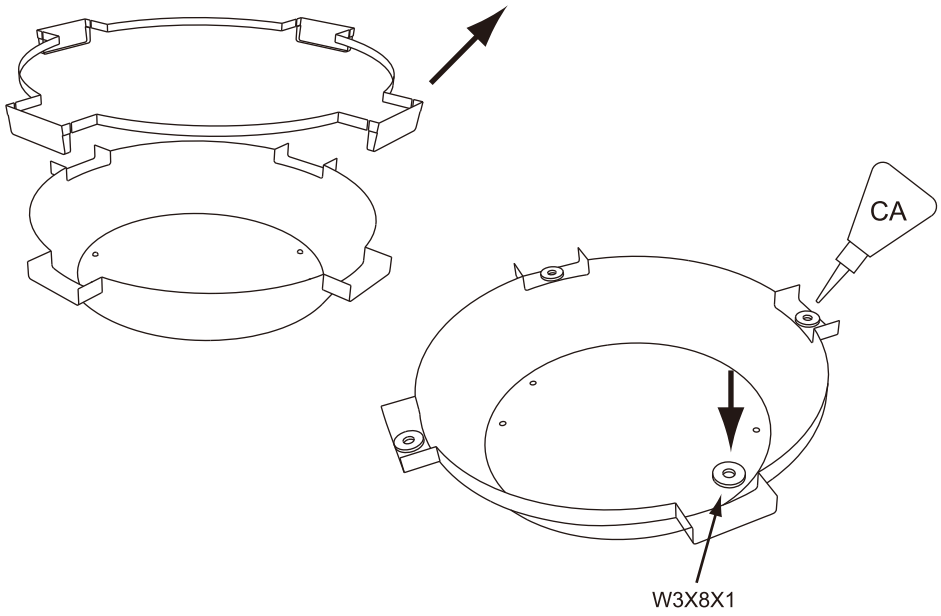


Props Installing 組合螺旋槳 GAUI TAI SHIH HOBBY CORPORATION

For the rotating directions of Motors and Props, the #1 and #3 motors run counterclockwise which should use 8A props, and the #2 and #4 motors run clockwise which should use 8B props, make sure to check the rotating directions of each motor and install the props correctly.
四個馬達中, 1及3為逆時鐘旋轉(用8A槳), 2及4為順時鐘旋轉(用8B槳), 不可裝錯.

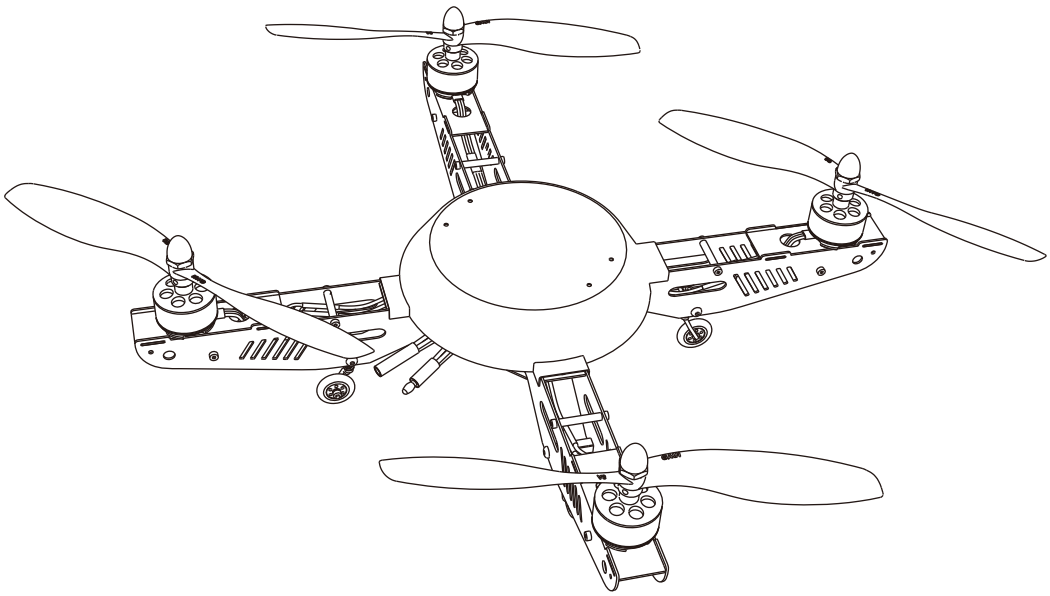


Cut the Windshield and use the CA to glue the washers to the positions as shown in figure below.
用剪刀沿記號(內側較清楚)將多餘的部分剪掉, 並用瞬間膠將華司再黏至艙罩四側(如下圖).



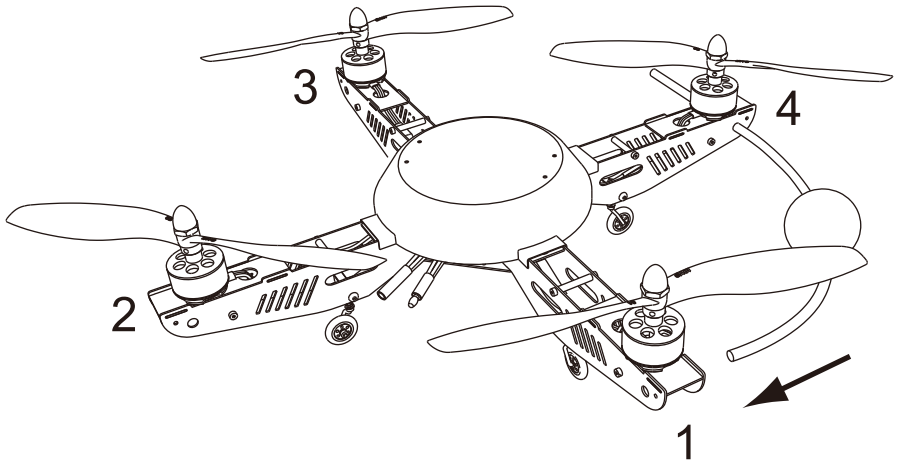
Windshield Assembly 艙罩製作 **GAUI** TAI SHIH HOBBY CORPORATION

The Windshield is able to be attached to the Body automatically by magnets.
利用磁鐵的吸力將艙罩固定在機身上.



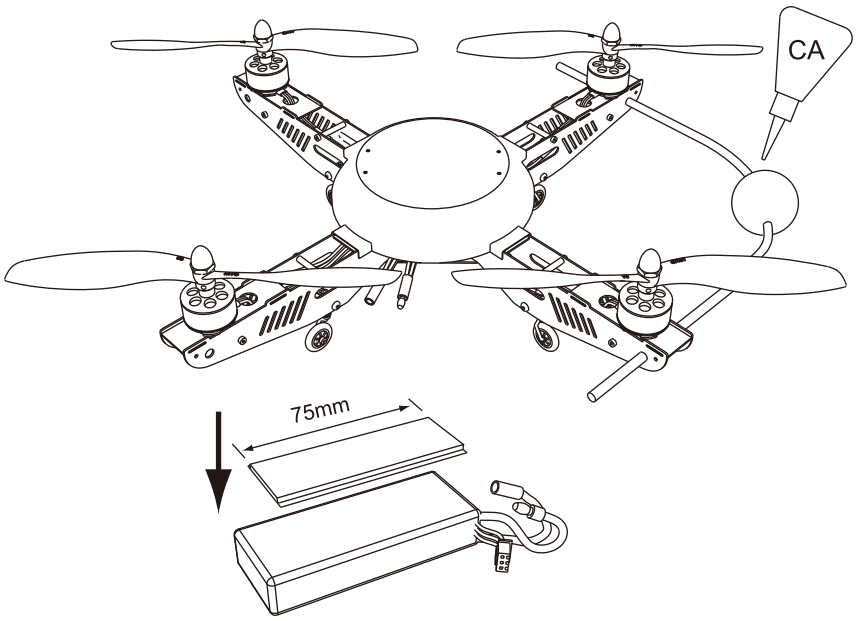
Assemble the Nose Ball and plastic tube then install them to the position between Motor #1 and #4.

用塑膠管將乒乓球固定在機架1及機架4中間.



Use the CA to glue the Nose Ball to the plastic tube, attach a Touch Fastener Tape to the Battery before flying test.

完成後用瞬間膠將乒乓球固定在塑膠管上, 準備一顆貼有魔術氈的電池開始接下來的試飛.



1. *Select the "Model Type" in transmitter function to "Airplane" before you start the setting steps below.*
請先將遙控器設為飛機模式

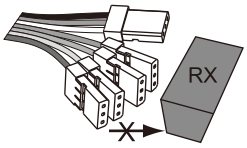
2. *Set the "Reverse function" on your transmitter properly, refer to below diagram for the control direction of each channel for different transmitter brands or check each channel practically to switch each reverse function correctly.*
飛行前請先了解你所使用遙控器廠牌, 先設定命令值的正反向. (若不知道也沒關係, 經過實際測試後再設定也可以)

	GAUI	Futaba	JR	Hitech
AILE	*NOR*	*NOR*	*REV*	*NOR*
ELEV	*NOR*	*NOR*	*REV*	*REV*
THRO	*REV*	*REV*	*NOR*	*NOR*
RUDD	*NOR*	*NOR*	*REV*	*NOR*

NOR - 正向指令 *Normal*
REV - 反向指令 *Reverse*

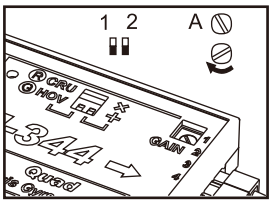
3. *Gain Value Setting, it is different that put the green wire plug in receiver or bypass it.*
接下來請確認GU-344的綠線端子(Gain值設定)有沒有接到接收機上, 它的差異處如下:

a. Bypass 不接



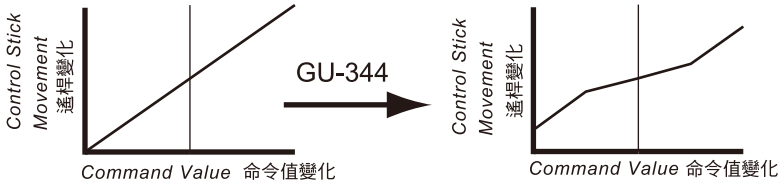
* *Set the Gain Value by trimmer "A", it is recommended that set the "Trimmer A" to 90 degrees from the minimum value for initial setting.*
Gain值由旋扭A調整(標準值約在最小值旋開90度左右, 如圖)

* *The Gyro come with 2 built-in flying modes, it is recommended to set the GU-344 at cruise mode "CRU" ("Switch 1" at Top Position and the LED will light in RED) for initial setting (The control of 330X will be similar to normal helicopter in this condition). The hover mode "HOV" ("Switch 1" at Bottom Position and the LED will light in GREEN) is for beginner to practice in hovering.*
飛行模式由開關1調整, 建議開關向上(CRU)此時燈號為紅燈, 此模式與直升機雷同, 你也可以嘗試用HOV的模式飛行, 兩者的感覺不相同.

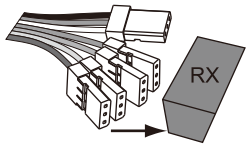


* *The Gyro come with 2 built-in Nose Directions, refer to page 15 for setting the Nose Direction you need.*
開關2為45度與0度選擇, 請把開關向上. 至於它的功能請見變更機頭方向篇.

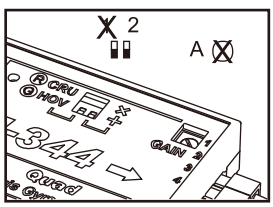
* *The GU-344 will change the "Command Value" of control sticks into the right figure below for beginners if the green wire plug is bypassed.*
綠線不接時, GU-344會自動將搖桿的命令值變為如下圖右方的曲線以符合初學者飛行.



b. Put the plug (green wire) in receiver
接上綠線

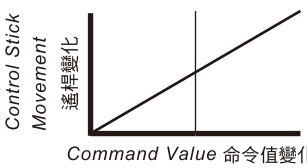


* *Put the plug (green wire) in receiver GEAR CH(or the Channel that come with On / Off Switch), the "Flying Mode" and the "Gain Value" are only able to be set on transmitter GEAR CH(or the Channel which connected to the green plug). The "Flying Mode" is able to be selected by the On / Off Switch and be indicated by the lights of the monitor LED(RED for the cruise mode "CRU", and GREEN for the hover mode "HOV"). It is recommended to set it at cruise mode (The LED lights in RED) for initial setting (The control of 330X will be similar to normal helicopter in this condition). It is able to set the "Gain Value" by the function "Travel Volumn". The recommended initial setting of the "Gain Value" is about 50% for each flying mode. Set the value of "End Point / Travel Adjust" for 50% at "Switch On" position and set 50% value at "Switch Off" position then adjust them by increasing or decreasing each value after flying test.*
將綠線接到接收機的GEAR CH(或接到其它附有ON/OFF開關的頻道), 此時飛行模式及Gain值皆由遙控器的GEAR CH(或已連接的ON/OFF開關的頻道)來做調整, 飛行模式是由你所選擇的頻道開關之上下(ON/OFF)來做區別, GU-344的燈號會顯示所代表的正確模式(紅燈表示巡航模式" CRU ", 綠燈表示停懸模式" HOV ")建議先用巡航模式(紅燈)測試, Gain值調整則為模式下的數據變化, 各飛行模式下的初始Gain值可都先設定在50%左右, 也就是設定" Switch(Gear) ON "的伺服機行程量50%, " Switch(Gear) OFF" 的伺服機行程量50%, 再依實際飛行狀況增減.



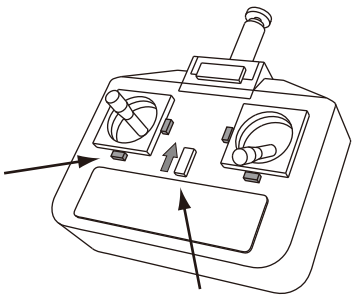
* *The "Switch 1" and "Trimmer A" are disabled after the plug (green wire) was put in receiver.* 接上綠線, 開關1及旋扭A已無作用.

* *The GU-344 will not change the "Command Value" of control sticks in this condition, set the Command Value of Control Sticks properly by the " EXP " setting on transmitter function.*
指令值不做改變, 調整請由遙控器的EXP曲線設定.

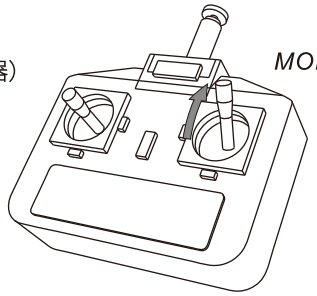


Adjust and unify the starting signal for each ESC before first flight to make sure each motor is run by its ESC with the same output signal.
初次飛行需校正四組ESC訊號的一制性(校正一次即可),否則會有低速啟動時,馬達有些轉有些不轉的現象.

1.Switch on the power of transmitter, set all trims at its neutral point.
打開發射機,先將微調置於中立.

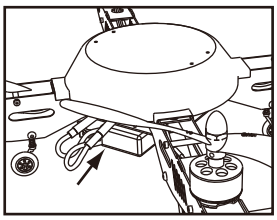


2.Move the throttle stick to the top position. (The figure indicates the "THR" control stick of the "MODE 1" transmitter)
將油門(THR0)桿撥至最大.(圖示為 Mode 1 遙控器)



MODE 1

3.Connect the battery to the 330X.
將330X的電池接上.

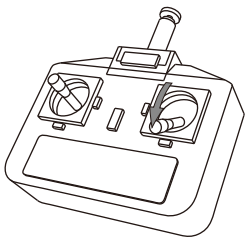


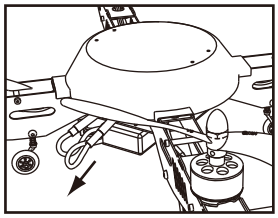
4.After the battery was connected to the 330X, the motor will come up with 6 corresponding tones,then move the throttle stick to the lowest position, the motor will come up with 4 acknowledge tones,simply disconnect the battery from the 330X to finish the setting. (The ESC came with Factory Default setting for 330X, referring to page 20 for the detail information about ESC setting.)

** If the motor will come up with 5 corresponding tones after the battery was connected, switch the " Throttle Reverse " to opposite position on transmitter function and start "Step 4" as above.*

此時你會聽到馬達發出登-登-登-登-登-登 6個單音,接下來將油門撥桿朝下,此時你會聽到登-登-登-登 連續4音,此時將330X的電源關掉,便已完成指令校正.(其它設定值已出廠設定完成,詳細內容請參考電子變速器設定說明.)

*若你聽到的聲音一開始是 登--登--登-登-登 連續5音,那表示THR0的指令相反,請改變THR0的正反設定.



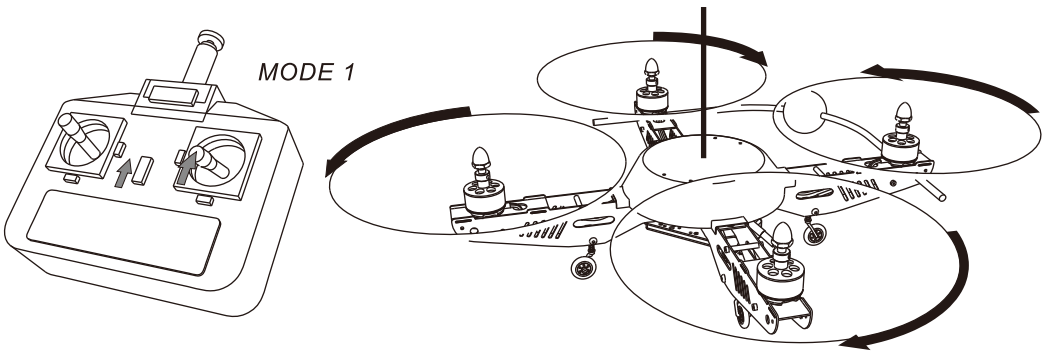


Move the throttle stick to the lowest position and switch on the power of transmitter, connect the the battery to the 330X and do not move it until the motor come up with 5 acknowledge tones, now it is ready for start.

先將發射機開關打開(油門THRO置於最低點),330X的電源接上後不要搖晃機體,等馬達發出
登--登--登-登-登 連續5音後便可開始操作.

Check the operating direction of each motor and prop on the ground to make sure the 330X is able to be controlled correctly by the transmitter, set the transmitter function properly if it did not come with correct response.
(Below figure indicates the "THR" control stick of the "MODE 1" transmitter)

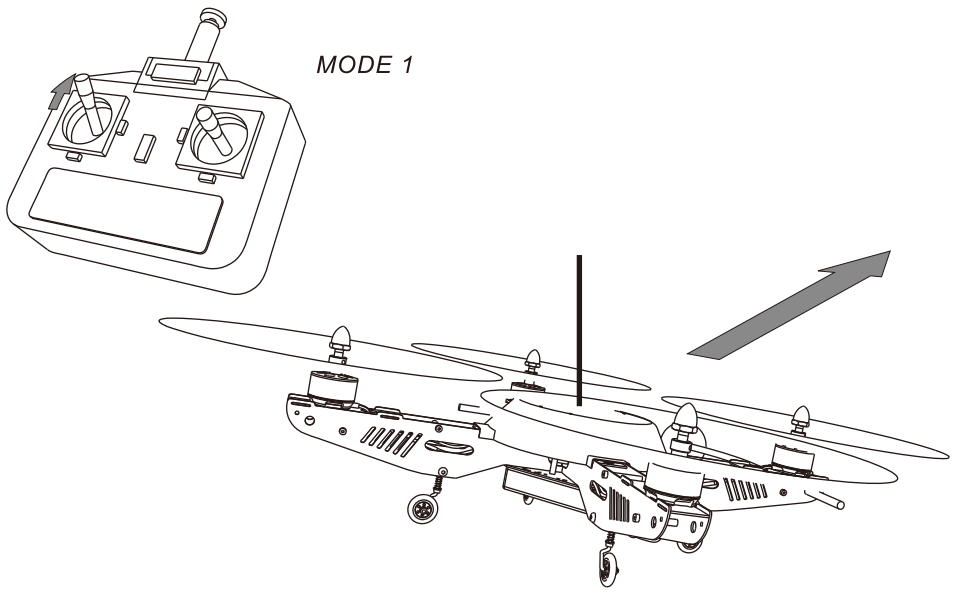
剛開始先不要將330X離地(用輪子在地上滑行),先測試螺旋槳轉動方向對不對,再來測試前後,轉彎及左右方向對不對,若有方向相反,請由遙控器做指令反向調整.(圖示為 Mode 1 遙控器)



Check Before First Flight 試飛 GAUI TAI SHIH HOBBY CORPORATION

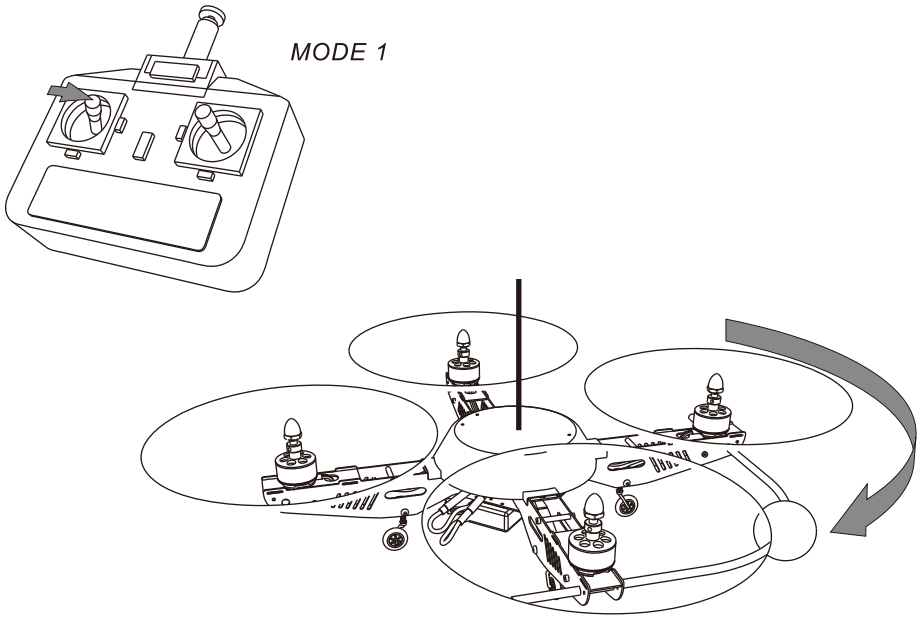
Move the "ELE" stick a little bit upward to check and make sure the 330X tilts forward as shown in figure below.
(Below figure indicates the "ELE" control stick of the "MODE 1" transmitter)

*向前指令



Move the "RUD" stick rightward to check and make sure the 330X rotates as shown in figure below.
(Below figure indicates the "RUD" control stick of the "MODE 1" transmitter)

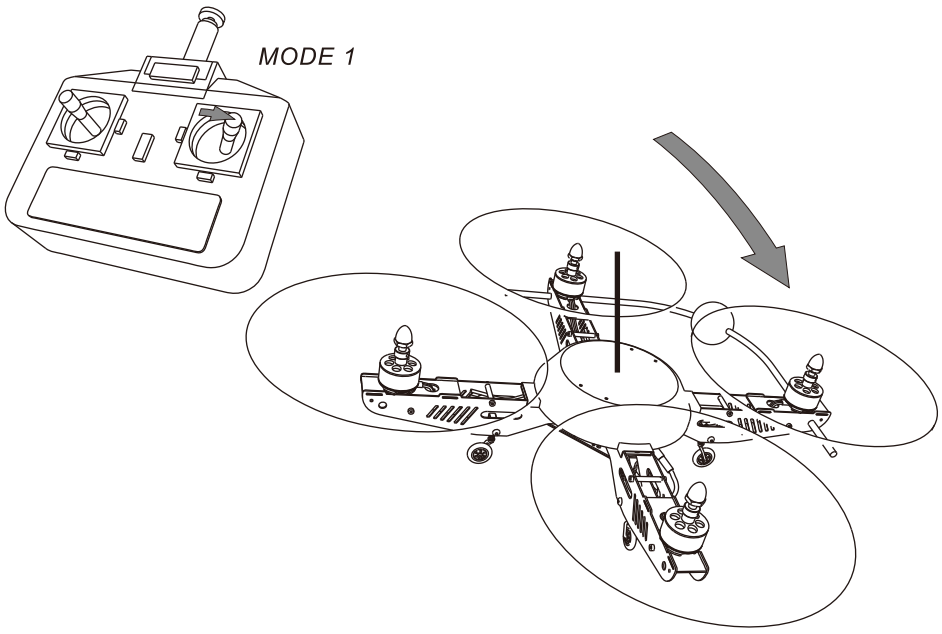
*右轉指令



Check Before First Flight 試飛 GAUI TAI SHIH HOBBY CORPORATION

Move the "AIL" stick rightward to check and make sure the 330X tilts as shown in figure below.
(Below figure indicates the "AIL" control stick of the "MODE 1" transmitter)

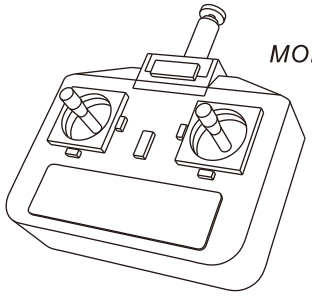
*右傾指令



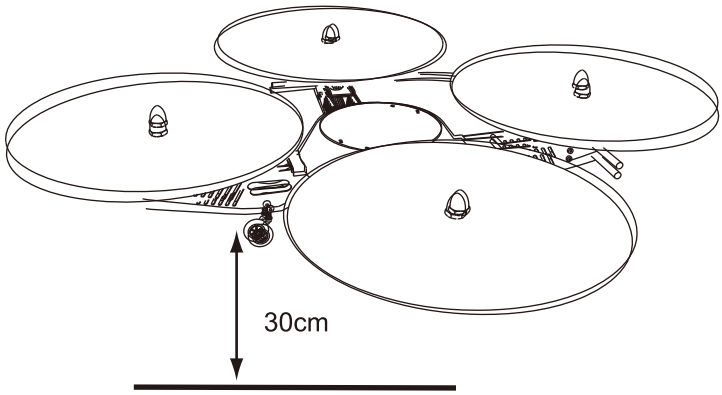
After checking all movements of the 330X are controlled correctly by control sticks, move the "THR" stick a little bit upward until the 330X hovers over the ground for 30 cm, if it shakes or wags in hovering,decrease the "GAIN VALUE" properly to make it stable. Refer to Page 12 for the Gain Value Setting.

(Below figure indicates the "THR" control stick of the "MODE 1" transmitter)

指令無誤後,接下來將油門再往上一些,讓330X離地約30公分,若發現機體有抖動現象時,請將GAIN值調小到不會晃動為止.(GAIN的調整見系統設定篇)

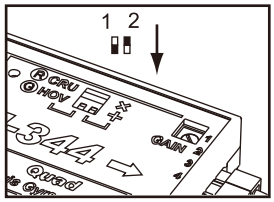


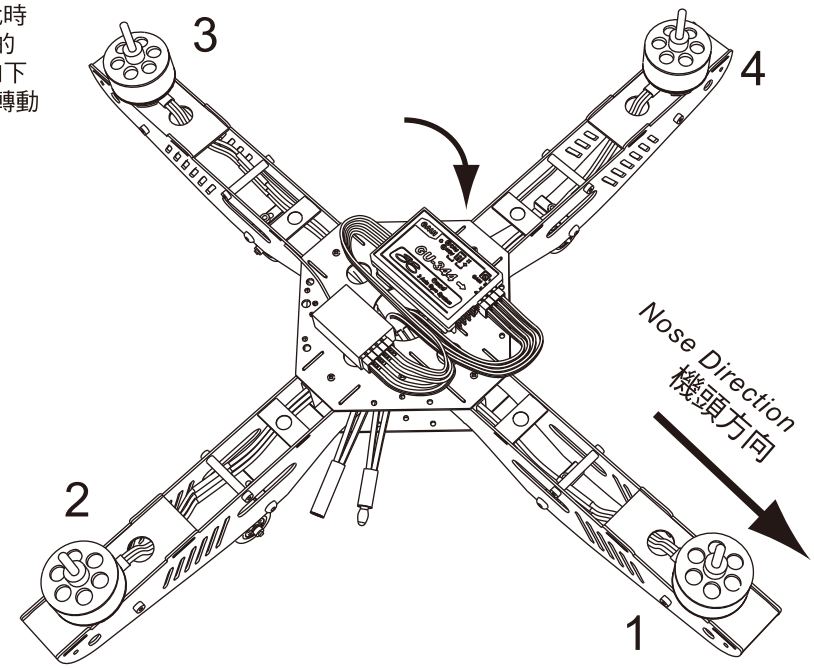
MODE 1



Change the mounting position of the GU-344 Gyro by reattach it 45 degrees clockwise to make the arrow on the GU-344 name plate toward to motor #1 as shown in figure below, set the "Switch 2" to the down position and simply finish the new setting of Nose Direction. The motor numbers and operating direction of motors and props will not be changed after setting.

若要將機頭方向改為0度,此時只要將GU-344轉45度(面板的箭頭為前方)並將開關2撥向下即可,動力的編號及螺旋槳轉動的方向皆不變.



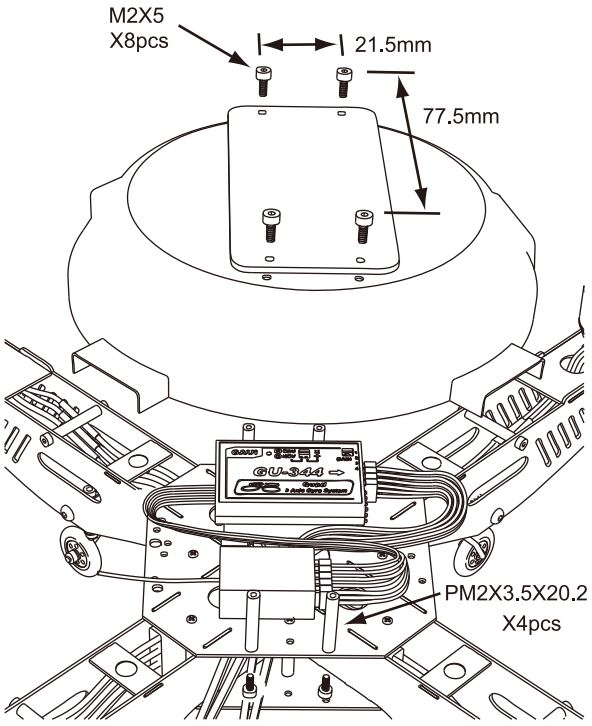


For payload carrying (Camera or auxiliary Instruments), it is recommended to use the below optional parts (210815) for mounting the payload.

*Plate * 1pc,*
*Post M2 x 3.5mm x 20.2mm * 4pcs,*
*Screw M2 x 5mm * 8pcs.*

如果要外掛重物(如攝影機或儀器等),你可選擇裝在上方酬載架,將外掛物置於上方.

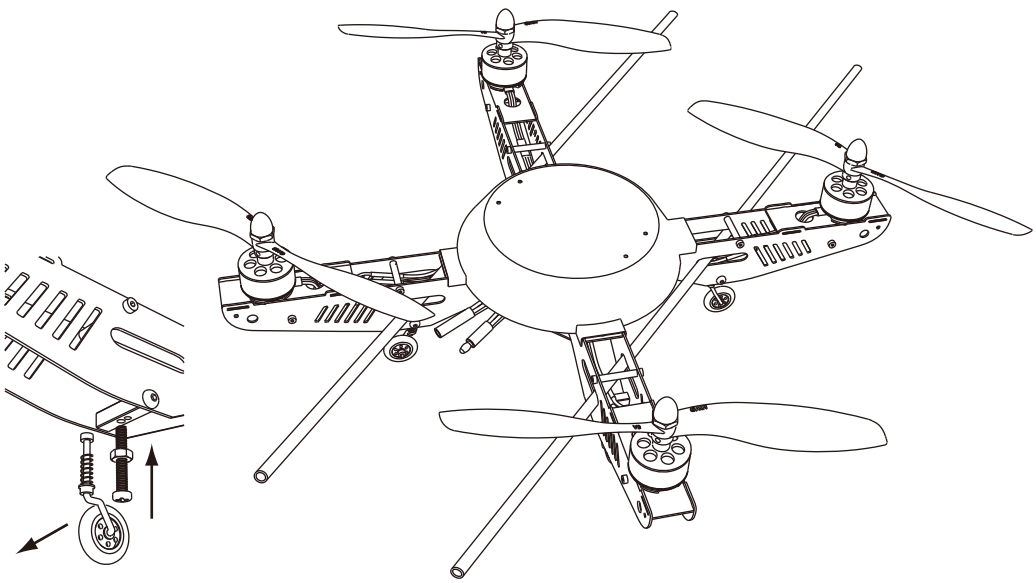
選購品(210815)如右圖:
安裝板 * 1片,
鋁柱 M2 x 3.5mm x 20.2mm * 4支,
螺絲 M2 x 5mm * 8支.



Payload Carrying 酬載 GAUI TAI SHIH HOBBY CORPORATION

It is able to use 4pcs of M3 Screws and Nuts instead of the gear sets, and use the 6mm Rods or Tubes to carry the payload.

你也可以將輪架拆下後改由M3螺絲來當腳架或固定外掛物,或者利用外徑6mm的圓管穿入機架作為外掛天線或酬載架.



It is able to use 2S/1400mah~2000mah Lipo for normal flight without payload, it is recommended to use the 3S Lipo for the 330X if the total flying weight is over 550g. Refer to the Power Efficiency Table to select the the battery which come with proper capacity.

一般飛行請使用2S1400mAh~2000mAh的Lipo電池, 若總飛行重量超過550g則請改用3S系統, 至於容量可依下表自由搭配.

Flying Weight(g) 飛行重量(g)	*Payload including Battery(g)* 酬載重量(g)	*Power Consumption(w)* 消耗電量(w)	*Efficiency(g / w)* 效率值(g/w)
480	80(2S1400mAh)	48	10
500	100(2S2000mAh)	50	10
550	150(3S2000mAh)	63	8.7
600	200	75	8
650	250	84	7.7
700	300	92	7.6
750	350	102	7.4
800	400	111	7.2
850	450	120	7.1
900	500	130	6.9
950	550	142	6.7
1000	600	155	6.5
1050	650	162	6.5
1100	700	170	6.5

The payload above which includes the weight of battery,the weight of 330X itself is about 400g.

酬載重量為電池加上其他設備的重量, 330X的實際重量為400g

** The payload calculations and the battery options :*

Ex. If the 330X carries a HD Camera (weight 350g) and uses a 3S/2000mah Lipo(weight 150g), the total payload is 500g (including the Camera and a Battery) and the flying weight is 900g.
The power consumption in this condition is 130w(as table above).
*The Power of this battery is 11.1(V) * 2(A) * 60(Min.) = 1332.*
The flying time is about 7.7(Min.)
*Calculation : (1332 / 130) * 75%(Bat. Factor) = 7.7 (Min.)*

If the 330X uses 2pcs of 3S/2000mah Lipo(in parallel), the total payload is 650g (including the Camera and 2 Batteries) and the flying weight is 1050g.
The power consumption in this condition is 162w(as table above).
*The total Power of the batteries is 11.1(V) * 2(A) * 60(Min.) * 2 (Bat. in parallel)= 2662.*
The flying time is about 12.3(Min.)
*Calculation : (2662 / 162) * 75%(Bat. Factor) = 12.3 (Min.)*

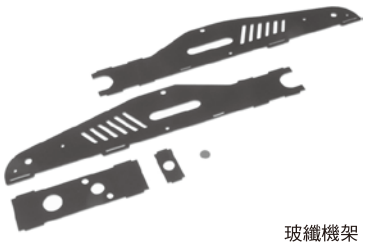
＊ 由上表可以試算酬載及電池選擇後的飛行時間
例如你用330X搭載HD攝影機(350g), 你想使用一組3S2000mAh的Lipo電池, 所以你的總酬載為500g(飛行重量為900g), 此時你的停懸消耗電量為130w(如上圖), 而你的電池總電量為11.1X2(A)X60(min)=1332 因此時間為1332/130=10.2(min) 10.2X75%(電池安全係數)=7.7(min)

若你想使用二組3S2000mAh的Lipo電池, 那你的總酬載為650(飛行重量為1050g), 所以你的總電量為
11.1X2(A)X60(min)X2=2662 但此時停懸消耗電量為162w 所以飛行時間為(2662/162)X75%=12.3min

CAUTION : The Power Consumption Table is for cruising, the ESC output current may raise up to 3 or 4 times than crusising due to the maximum power output command. Make sure to check the flying time carefully, the over discharging during flight may damage your battery and cause the failure control of the 330X.

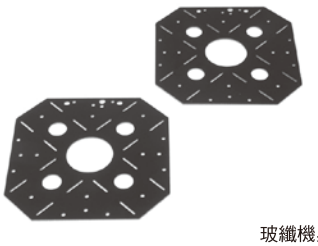
小心: 以上消耗瓦數為一般巡航, 若做急上升將會倍數增加.
飛行時請注意電池殘餘容量, 電池容量過低時會造成電池損壞及機體無法控制的後果.

210701 *Frame Extension Set*



玻纖機架

210702 *Central Frames*

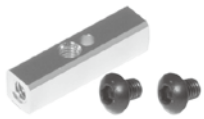


玻纖機身

210505 *Alu Fram Posts PM2x3.5x20.2*

PM2X3.5X20.2 鋁柱

210510 *Alu Gear Post*



方型鋁柱

210905 *Wheel Set*

輪架組

210405 *M2 Screw pack*

M2螺絲組

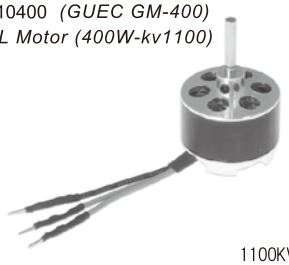
210500 *Adaptor and Spinner Set*

螺旋槳機鼻組

210801 *8" Props. (8A and 8B)*

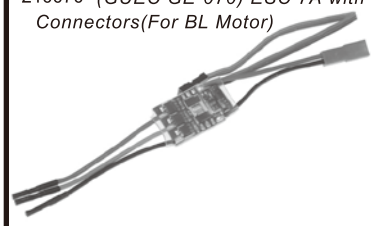
八吋正逆槳

210400 *(GUEC GM-400) BL Motor (400W-kv1100)*



1100KV馬達

210070 *(GUEC GE-070) ESC 7A with Connectors(For BL Motor)*

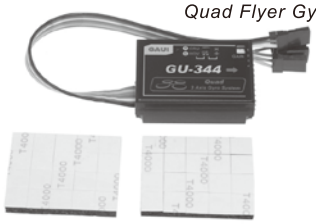


7A電子變速器附接頭(無刷馬達專用)

210615 *4-in-1 Power Connector*

四合一電源線

210344 *(GUEC GU-344) Quad Flyer Gyro*



四旋翼專用陀螺儀

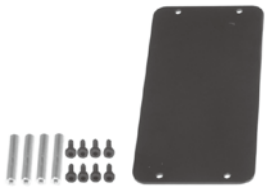
210805 *Windshield Set*

艙罩

210810 *Nose Ball Set*

機頭組

210815 *Payload Mount Set*



酬載架

210140 *(GUEC GB-140)Li-Po Battery (2S1P 7.4v 1400mah 20C)*

2S1400mAh電池

210200 *(GUEC GB-200) Li-Po Battery (2S1P 7.4v 2000mah 20C)*

2S2000mAh電池

Set Up Procedure Important : Due to the signal differentiation amount different remote control brands, it is strongly recommended to run the throttle curve initiation process whenever set up a new model.

Step 1. Shifting the throttle position to the full throttle/full speed.
Step 2. Power on the transmitter
Step 3. Power on the speed controller, the motor will come up with acknowledge tones ♪-♪-♪-♪-♪-♪
Step 4. Moving the throttle position to the minimum/stop position, the motor will come up with acknowledge tones ♪-♪-♪-♪

The speed controller recognized the exactly throttle range then optimizes the throttle curve after this progress.
After finish the calibrating process, simply waiting for 1 second to enter the set up mode as follow steps:

1. Battery Management

1-1 Light discharge protection for Li-Po - - - - - - - - - - - - ♪-♪
1-2 Standard discharge protection for Li-Po (Factory Default) - - ♪-♪♪
1-3 Hard discharge protection for Li-Po - - - - - - - - - - - ♪-♪♪♪
1-4 +5V cut-off protection for Ni-MH- - - - - - - - - - - - - ♪-♪♪♪♪

2. Flying mode setting

2-1 Aircraft (Factory Default) - - - - - - - - - - - - - - - - ♪♪-♪
2-2 Glider- ♪♪-♪♪
2-3 Helicopter with Governor- - - - - - - - - - - - - - - - ♪♪-♪♪♪
2-4 Helicopter without Governor - - - - - - - - - - - - - - ♪♪-♪♪♪♪

3. Motor timing

3-1 Auto timing - ♪♪♪-♪
3-2 Soft timing - ♪♪♪-♪♪
3-3 Standard timing (Factory Default) - - - - - - - - - - ♪♪♪-♪♪♪
3-4 Hard timing- ♪♪♪-♪♪♪♪

4. Throttle Speed

4-1 Soft throttle response- - - - - - - - - - - - - - - - ♪♪♪♪-♪
4-2 Standard throttle response (Factory Default) - - - - ♪♪♪♪-♪♪
4-3 Fast throttle response - - - - - - - - - - - - - - - ♪♪♪♪-♪♪♪

進入設定模式

1. 開啟遙控發射器電源，將油門控制桿推至全速，並且將其保持不動狀態。將無刷速控器連接到主電池，聽到登-登-登-登-登-登 (♪-♪-♪-♪-♪-♪) 6聲單音之後進入設定模式，接著請將油門控制桿撥至全收油位置或最低點。
2. 油門控制桿撥至全收油位置或最低點後，速控器會發出 登-登-登-登 (♪-♪-♪-♪) 4聲單音之應答聲完成。
3. 速控器會進入模式1-1 (♪-♪) 之答詢程序，並且發出1長音與1短音表示為模式1-1 (♪-♪) 答詢中。若使用者欲設定模式1-1為工作模式，請於此時將油門往加速方向全開即可，速控器接獲指令後會發出登-登-登-登 (♪-♪-♪-♪) 4聲單音之應答音表示模式1-1設定完成。若使用者不欲設定模式1-1，只需靜待數秒後速控器進入模式1-2，1長音與2短音 (♪-♪♪) 答詢程序即可。
4. 以下為操作模式之解釋:

1. 電池保護程序

1-1 低放電鋰離子電池模式 - - - - - - - - - - - - - - - - ♪-♪
1-2 標準放電鋰離子電池模式(出廠設定) - - - - - - - - ♪-♪♪
1-3 高放電鋰離子電池模式 - - - - - - - - - - - - - - ♪-♪♪♪
1-4 鎳氫電池模式- - - - - - - - - - - - - - - - - - - ♪-♪♪♪♪

2. 飛行模式

2-1 飛機模式(出廠設定)- - - - - - - - - - - - - - - - - ♪♪-♪
2-2 滑翔機模式- ♪♪-♪♪
2-3 直昇機模式，有定速 - - - - - - - - - - - - - - - - ♪♪-♪♪♪
2-4 直昇機模式，無定速 - - - - - - - - - - - - - - - - ♪♪-♪♪♪♪

3. 馬達進角模式

3-1 自動馬達進角模式 - - - - - - - - - - - - - - - - - ♪♪♪-♪
3-2 低馬達進角模式 - - - - - - - - - - - - - - - - - - ♪♪♪-♪♪
3-3 標準馬達進角模式(出廠設定)- - - - - - - - - - - - ♪♪♪-♪♪♪
3-4 高馬達進角模式- - - - - - - - - - - - - - - - - - ♪♪♪-♪♪♪♪

4. 油門速度模式

4-1 高馬達進角模式- - - - - - - - - - - - - - - - - - ♪♪♪♪-♪
4-2 標準油門速度模式(出廠設定)- - - - - - - - - - - - ♪♪♪♪-♪♪
4-3 快速油門速度模式 - - - - - - - - - - - - - - - - ♪♪♪♪-♪♪♪

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