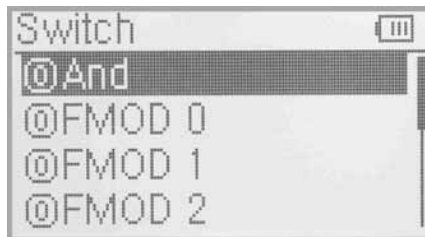
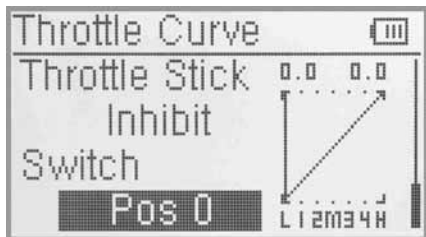


(4.5) Switch Selection

When the item Throttle Stick is set in Inhibit, it is possible to switch between Pos 0 and Pos 1 by Switch. Press UP or DN to select "Switch". Press ENT to enter into Switch selection interface, press UP or DN to choose desired item. Press ENT, the desired item whose left side will be changed into "1" from "0". If two or more items are selected, the item And should be chosen, whose left side should be changed into "1" from "0". Press EXT after finished it.

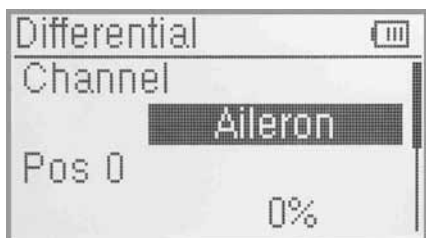


3.7 Differential

If want to use this function, Flaperon, DELTA, or 4-Aileron should be previously selected in Wing Type of Model Menu. Refer to "2.11 Wing Type".

(1) Aileron differential setting

Press ENT to enter into Main menu; press UP or DN to choose Function menu. Press ENT to enter into Function menu; press UP or DN to choose Differential, press ENT to enter interface of Differential, illustration as below.



Mounting servos in left and right ailerons are a must if using this function. The following interface will be shown after Flaperon, DELTA, or 4-Aileron selected in Wing Type. Refer to "2.11 Wing Type".

(1.1) Channel

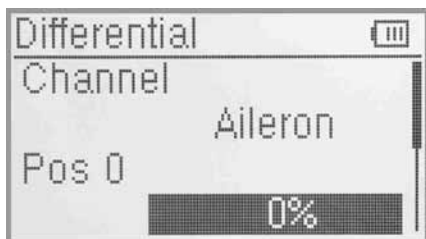
Current setting channel is Aileron. System default can not be set.

(1.2) Setting for Pos 0

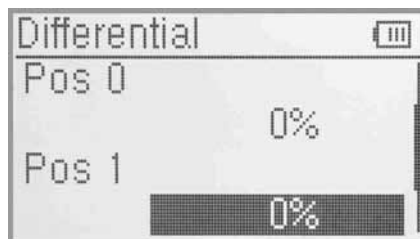
Press UP or DN to choose Pos 0, press R or L to increase or decrease differential value, respectively. The adjustable range is ± 100%.

(1.3) Setting for Pos 1

Press UP or DN to choose Pos1, press R or L to increase or decrease differential value, respectively. The adjustable range is ± 100%.



(1.2) Setting for Pos 0

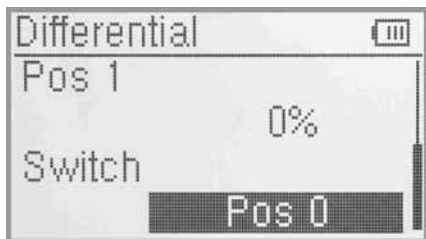


(1.3) Setting for Pos 1

(1.4) Switch selection

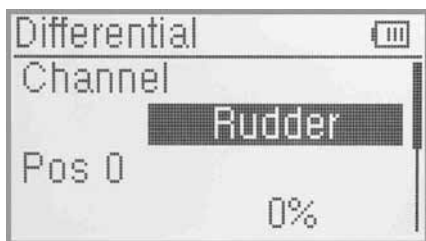
It is possible to switch by Setting Switch when differential is in use.

Press UP or DN to choose Switch, press ENT to enter interface of Switch selection, press UP or DN to choose desired item. Press ENT, the desired item whose left side will be changed into "1" from "0". If two or more items are selected, the item And should be chosen, whose left side should be changed into "1" from "0". Press EXT after finished it.



(2) Rudder differential setting

V-Tail should be previously set in Wing Type of Model Menu if the rudder differential function is activated. Refer to "2.11 Wing Type". And then the following interface will be shown:



(2.1) Setting for Pos 0

Press UP or DN to choose Pos 0, press R or L to increase or decrease differential value, respectively. The adjustable range is  $\pm 100\%$ .

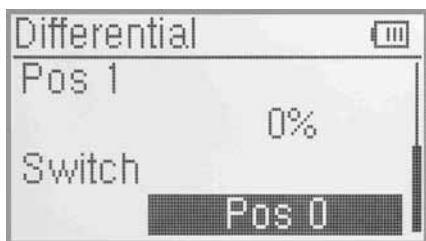
(2.2) Setting for Pos 1

Press UP or DN to choose Pos1, press R or L to increase or decrease differential value, respectively. The adjustable range is  $\pm 100\%$ .

(2.3) Switch selection

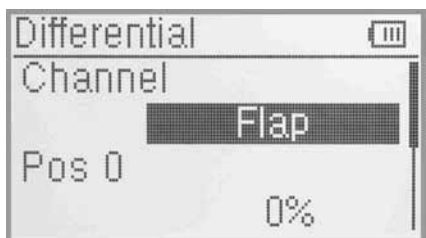
It is possible to switch by Setting Switch when differential is in use.

Press UP or DN to choose Switch, press ENT to enter interface of Switch selection, press UP or DN to choose desired item. Press ENT, the desired item whose left side will be changed into "1" from "0". If two or more items are selected, the item And should be chosen, whose left side should be changed into "1" from "0". Press EXT after finished it.



(3) Flap differential setting

It should be previously set the flap dual channel function in Wing Type of Model Menu (refer to "2.11 Wing Type") in order to activate the menu of Flap Differential.



(3.1) Setting for Pos 0

Press UP or DN to choose Pos 0, press R or L to increase or decrease differential value, respectively. The adjustable range is  $\pm 100\%$ .

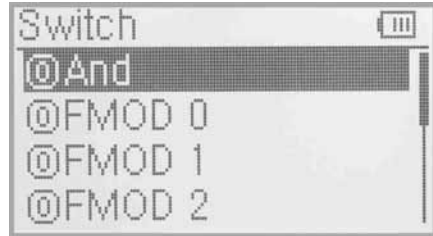
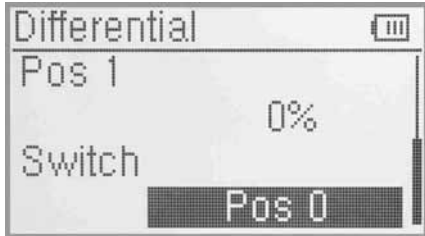
(3.2) Setting for Pos 1

Press UP or DN to choose Pos1, press R or L to increase or decrease differential value, respectively. The adjustable range is  $\pm 100\%$ .

(3.3) Switch selection

It is possible to switch by Setting Switch when differential is in use.

Press UP or DN to choose Switch, press ENT to enter interface of Switch selection, press UP or DN to choose desired item. Press ENT, the desired item whose left side will be changed into "1" from "0". If two or more items are selected, the item And should be chosen, whose left side should be changed into "1" from "0". Press EXT after finished it.



3.8 Balance

This function can adjust the parameters of the two servos which are used in the dual channels. It should be previously activated one of the these wing types of Flaperon, DELTA, 4 Aileron, and V Tail in Wing Type at Model Menu. Refer to "2.11 Wing Type".

Setting method:

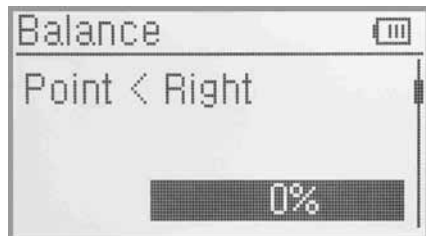
Press ENT to enter into Main Menu, press UP or DN to choose Function. Press ENT to enter into Function menu, press UP or DN to choose Balance. Press ENT to enter interface of Balance setting, picture as below:



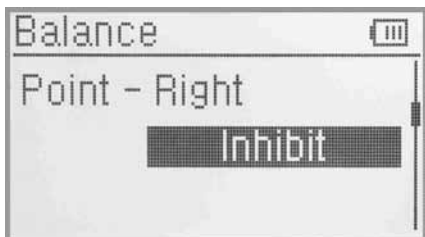
(1) Channel: current setting channel is Aileron. System default can not be set.

(2) Point parameter adjustment

Point< Right Setting: Press UP or DN to choose "Point< Right". If need to adjust the value, press L (0% means no adjusting). A minus value means the amending direction is downward; press R to adjust value(0% means no adjusting). A plus value means the amending direction is upward. The adjustable range is ±100%.



Point-Right Setting: Press UP or DN to choose "Point-Right". Press R or L to inhibit or act. If need to adjust please act it. There will be expanded value adjustment item. Press UP or DN to choose "0%" If need to adjust the value, press L (0% means no adjusting). A minus value means the amending direction is downward; press R to adjust value (0% means no adjusting). A plus value means the amending direction is upward. The adjustable range is 100%.



Press UP or DN, there have setting for Point-1, Point-2, Point-3, Point-Left, Point>Left, refer to the setting method as above. Press EXT after finished it.

### 3.9 Gyro sensor

This function offers the gain adjustment for gyro sensor, which can be manually set through D/R switches or Flight mode switch, and also is possible to be automatically switched among various gains through flight mode switch. (The flight mode should be activated. Refer to “2.9 Device Select”).

Setting method:

Press ENT to enter Main menu; Press UP or DN to choose Function menu. Press ENT to enter Function menu; Press UP or DN to choose Gyro setting, press ENT to enter the setting interface of Gyro setting.



#### (1) Manual Setting

(1.1) Manual Setting: Under Gyro setting interface, press UP or DN to choose Mode, press R or L to get Manual setting or Automatic Setting ( Automatic setting can be activated if Flight mode is act, refer to “2.9 Device selection” ). Choose “Manual Setting”

(1.2) Channel: The default setting is AUX 2. It is possible to alter into other channels by choosing in the item of Device Output (refer to “2.10 Device Output”).

(1.3) Switch selection: Under Gyro setting interface, press UP or DN to choose Switch, press R or L to expand into six articles: FMOD SW, MIX SW, ELEV D/R, AILE D/R, and RUDD D/R., GEAR SW. Choose the desired switch for Manual control.

(1.4) Gain Setting: If the switch selection is three level, the gain settings of Pos 0, Pos 1, and Pos 2 can be setted respectively. If the switch selection is two level, then only Pos 0 and Pos 1 can be setted individually.



(1.4.1) Status: turn the setting gyro control switch, the status items will display the current switch status position.

(1.4.2) Pos 0: Press UP or DN to move the navigational mark to Pos 0 and press R or L to increase or decrease, respectively, the value. If the gyro used has two modes of NOR and AVCS, NOR will be activated when the value is less than 50.0%. In NOR mode, the smaller the value is, the bigger the gyro sensor gain will be. The factory setting is 50.0%.

(1.4.3) “Pos 1,” “Pos 2” are the same setting way as above “Pos 0”.

#### (2) Automatic setting

(2.1) Automatic Setting: in the Gyro Sensor interface, press UP or DN to select the item of Mode, press R/L to select Manual or Automatic options. Select Automatic.

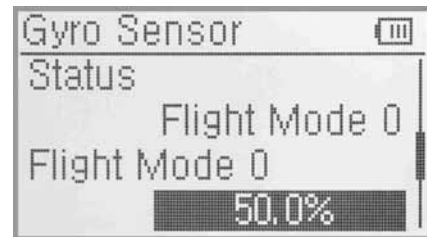


(2.2) Channel: The default setting is AUX 2. It is possible to alter into other channels in the interface of Device Output (Refer to “2.10 Device Output”).

(2.3) Switch: The switch function isn’t available under Automatic setting.

(2.4) Status: turn the Switch “F MOD” or “throttle hold”, the status set display present flight mode position. There are “Flight Mode 0,” “Flight Mode 1,” “Flight Mode 2,” “Throttle hold” sets. “throttle hold” need to start that can effect. (refer to “3.5 throttle hold”)

(2.5) Flight Mode 0: Press UP or DN to select Flight Mode 0, press R/L can increase or decrease the value individually. If the gyro used has two modes of NOR and AVCS, NOR will be activated when the value is less than 50.0%. In NOR mode, the smaller the value is, the bigger the gyro sensor gain will be. The factory setting is 50.0%.



(2.6) Flight mode 1, Flight mode 2, Throttle hold settings refer to “Flight Mode 0”. After finishing the set, press EXT to exit.

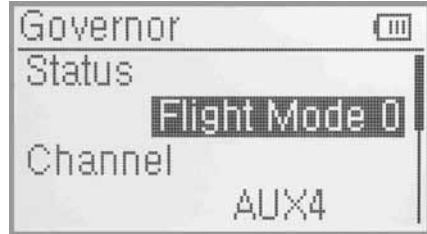
### 3.10 Governor

Before setup this function, "Governor" should be set and activated in "Device output" interface. (Refer to 2.10 Device Output)

The control proportion of governor can be separately set in various flight modes. For the absolute revolution amount, please set in external governor. The amount shown in DEVO-10 governor is just a percentage for reference. The actual revolution should be read in the external governor.

#### Setting Method

Press "ENT" to enter the "Main menu" interface; Press "UP/DN" to make the navigation mark to select "Function menu". Press "ENT" to "Function menu"; Press UP/DN to choose "Governor" then press 'ENT' key to enter the Governor setting interface, which display the options of Status and channels; Press UP/DN, there are options of "Flight Mode 0", "Flight Mode 1", "Flight Mode 2", "Throttle Hold" and so on.



#### (1) Status

Turn the Flight Mode or Throttle hold switch, the status display present flight mode position. There are "Flight Mode 0", "Flight Mode 1", "Flight Mode 2", "Throttle Hold" and so on. Throttle hold can be available when the it has been activated (refer to 3.5 Throttle hold").

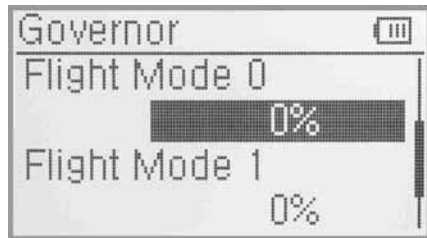
(2) Channel: The setted channels will display in "2.10 Device output" (refer to 2.10 Device Output)

#### (3) Flight Mode 0

Press "UP/DN" to make the navigation choose the "Flight Mode 0" set, press R/L to increase/decrease the value. The factory default value is 0%, adjustable range  $\pm 125\%$ .

(4) "Flight Mode 1", "Flight Mode 2", "Throttle hold" settings refer to "Flight Mode 0".

Press EXT to exit after finished.

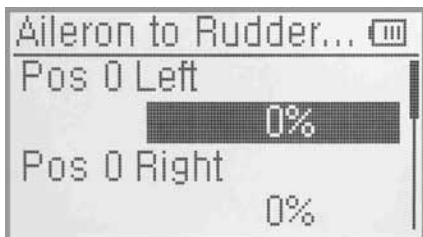


### 3.11 Aileron to Rudder Mix

This function is possible to execute the mix of aileron to rudder, which is controlled by switch.

#### Setting method:

Press ENT enter to Main menu, press UP or DN to select Function menu. Press ENT enter to Function menu. Press UP or DN select Aileron to rudder mix, press ENT enter to Aileron to Rudder mix setting interface.



#### (1) Pos 0 Setting leftward setting

Press UP or DN select leftward mix value, press R or L leftward mix value of aileron to rudder will be changed. The mix direction will be revised by changing the sign of plus or minus before the value. The adjustable range is  $\pm 125\%$ .

#### (2) Pos 0 Setting rightward setting

Press UP or DN select rightward mix value, press R or L rightward mix value of aileron to rudder will be changed. The mix direction will be revised by changing the sign of plus or minus before the value. The adjustable range is  $\pm 125\%$ .

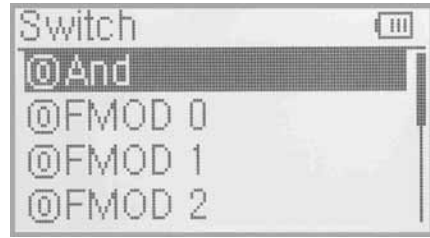
(3) Pos 1 setting The setting is same as above.

#### (4) Throttle stick setting

The switch between Pos 0 and Pos 1 can be realized by setting the position of throttle stick. Press UP or DN of Throttle Stick to set the position amount of throttle stick. The default setting is Inhibit. The adjustable range is 0.0-100.0%.

(5) Switch setting

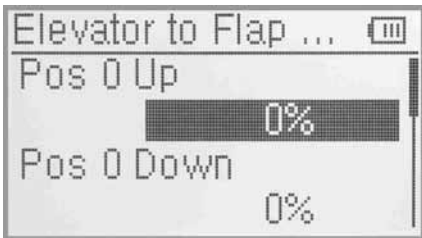
The switch will display the current switch position, press UP or DN to select the desired item press ENT to the setting interface and “0” before the item will be changed into “1”. If two or more items are selected, the item And should be selected. Press EXT to exit after finished.



**3.12 Elevator to flap mix**

This function is used to execute the mix of elevator to flap.

Press ENT enter to main menu,press press UP or DN to select function menu. Press ENT enter to function menu. Press UP or DN select Elevator to flap mix,press ENT enter to Elevator to flap mix setting interface.



(1) Pos 0 UP setting

Press UP or DN to move the navigational mark to select item Pos 0 UP, press R or L upward mix value of Elevator to flap mix will be changed. The mix direction will be revised by changing the sign of plus or minus before the value. The adjustable range is  $\pm 125\%$ .

(2) Pos 0 Down setting

Press UP or DN to move the navigational mark to select item Pos 0 Down, press R or L downward mix value of Elevator to flap mix will be changed. The mix direction will be revised by changing the sign of plus or minus before the value. The adjustable range is  $\pm 125\%$ .

(3) Pos 1 settingThe setting is same as above.

(4) Throttle stick setting

The switch between Pos 0 and Pos 1 can be realized by setting the position of throttle stick. Press UP or DN of Throttle Stick to set the position amount of throttle stick. The default setting is Inhibit. The adjustable range is 0.0-100.0%.

(5) Switch setting

The switch will display the current switch position, press UP or DN to select the desired item press ENT to the setting interface and “0” before the item will be changed into “1”. If two or more items are selected, the item And should be selected. Press EXT to exit after finished.

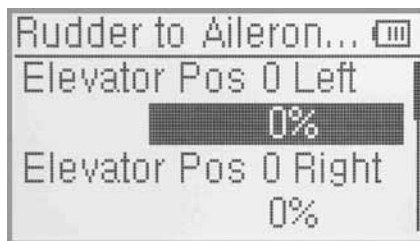


### 3.13 Rudder to aileron/elevator mix

This function is used to execute the mix of rudder to aileron/elevator .It will help eliminate waver or shake caused by rudder stick operation.

Setting method:

Press ENT to enter Main Menu in the main interface,and press UP or DN to make the navigation mark choose "Function Menu".Press ENT to enter "Function Menu",then press UP or DN to choose "Rudder to aileron/elevator mix" and press ENT to enter "Rudder to aileron/elevator mix" setting interface.



#### (1) Elevator setting

##### (1.1) Elevator Pos 0 Leftward setting

Press UP or DN to make the navigation mark choose "Elevator Pos 0 Leftward setting"item,and press R or L to change the value and the Elevator mix amount when operating Rudder leftward .The mix direction will be revised by changing the sign of plus or minus before the value.The adjustable range is  $\pm 125\%$ .

##### (1.2) Elevator Pos 0 Rightward setting

Press UP or DN to make the navigation mark choose "Elevator Pos 0 Rightward setting"item,and press R or L to change the value and the Elevator mix amount when operating Rudder rightward .The mix direction will be revised by changing the sign of plus or minus before the value.The adjustable range is  $\pm 125\%$ .

##### (1.3) Elevator Pos 1 setting:refer to "1.1 Elevator Pos 0"setting.

#### (2) Aileron setting

##### (2.1) Pos 0 setting: refer to "1.1 Elevator Pos 0"setting.

##### (2.2) Pos 1 setting: refer to "1.1 Elevator Pos 0"setting.

#### (3) Throttle stick setting

The switch between Pos 0 and Pos 1 can be realized by the position of Throttle Stick,then press R or L to change the value or Inhibit.Change the value can set the Thottle Stick position.The default setting is "Inhibit",the adjustable range is from 0.0 to 100.0%.

#### (4) Switch setting

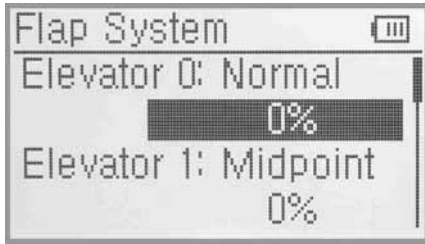
Switch item will display the current Switch position.Press UP or DN to make the navigation mark choose "Switch"item,and ENT to enter the selectable switch interface,press UP or DN to make the navigation mark choose the desired Switch .Press ENT to confirm and change the left sign from "0" into "1".If two or more items are selected,the item And should be selected and then the left sign "0" will be changed into "1". Press EXT to exit after finished.



### 3.14 Flap System

This function can modify some effects on elevator.It is possible to set 3 statuses of elevator and 3 statuses of flap system,respectively,through 3-way flap control switch.

Setting method:press ENT to enter Main Menu in the main interface,then press UP or DN to make the navigation mark choose "Function Menu",press ENT to enter Function Menu.Press UP or DN to choose "Flap System" and then ENT to enter its setting interface.



(1) Elevator setting

There are 3 options:0:Normal;1:Midpoint and 2:Land.

(1.1) Elevator 0:Normal position

press UP or DN to make the navigation mark choose "Elevator 0:Normal",and press R or L to change the elevator mix amount.It is possible to change the direction by altering U or D before the amount.The default setting is 0%,and the adjustable range is U125% - D125%.

(1.2) Midpoint position:Please refer to "1.1 Elevator 0:Normal"setting

(1.3) Land position: Please refer to "1.1 Elevator 0:Normal"setting

(2) Flap setting:the setting for flap is same as elevator.

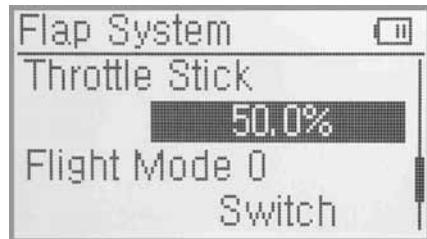
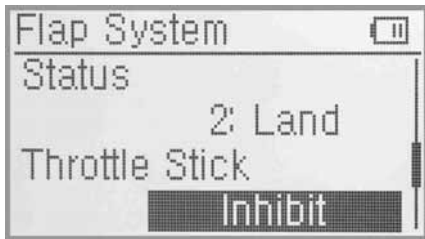
(3) Status

Press UP or DN to make the navigation mark choose "Status",then vibrating the flap switch(refer to 2.9 Device select) will display current position

(4) Auto land

(4.1) Throttle stick setting

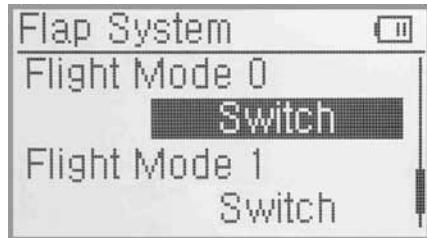
Press UP or DN to make the navigation mark choose"Throttle stick"item,and press R or L to change value or Inhibit.It is possible to set the position when changing the value.The default setting is "Inhibit",and adjustable range is from 0.0 to 100.0%.



(4.2) Flight mode 0 setting

It is possible to set a certain flight mode switch automatically after automatic land.When do this ,you must come to "Wing type" setting interface under the Model Menu and make correspond Wing type setting.Refer to 2.11 Wing type.

Press UP or DN to make the navigation mark choose "Flight mode 0"item,and press R or L to 3 options : 0:Normal;1: Midpoint and 2:Land.It is Mannul control when choose "Switch",but Automatic control when choose Flight mode switch position.



(4.3) Flight mode 1 setting:refer to "(4.2)Flight mode 0 setting"

(4.4) Flight mode 2 setting: refer to "(4.2)Flight mode 0 setting"

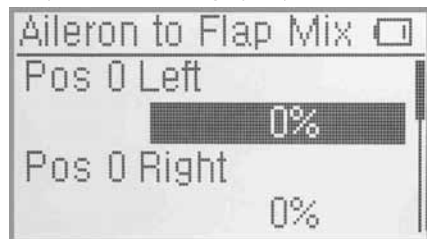
Press EXT to exit after finished.

**3.15 Aileron to flap mix**

The function aims at mixing flap when operating aileron stick, and can set switch. The flap dual channels should also be previously activated at Wing Type in Mode Menu(refer to"2.11 Wing Type")

Setting method

Press"ENT" to enter into"main menu"; press UP or DN to make navigation mark select "function menu",press"ENT"to enter into"function menu"; press UP or DN to select "Aileron to flap mix" press"ENT" to "Aileron to flap mix"designed interface.





(1) Pos 0 to leftward setting

Press UP or DN to make navigation mark select "Pos 0 o leftward setting",press R or L to change the leftward mix value of ailren to flap,the mix direction will be revised by changing the sign of plus or minus before the value,the adjustable range is  $\pm 125\%$ .

(2) Pos 0 to rightward setting

press UP or DN to make navigation mark select "Pos 0 o rightward setting",press R or L to change the rightward mix value of ailren to flap,the mix direction will be revised by changing the sign of plus or minus before the value,the adjustable range is  $\pm 125\%$ .

(3) Pos 0 to leftward setting: refer above "(1) pos 0 to left setting"

(4) Pos 0 to rightward setting: refer above"(2) pos 0 to right setting"

(5) Throttle stick setting

The switch between Pos 0 and Pos 1 can be realized by setting the position of throttle stick. Press UP or DN to make navigation mark select "throttle stick setting", press R or L to change the value or inhibit. Change value can set throttle stick postion.The default setting is "inhibit". The adjustable range is from 0.0% to 100.0%

(6) Switch setting

Press UP or DN to make navigation mark select "switch" setting, prss ENT enter into useable switch interface, press UP or DN to make navigation mark select desired switch setting.Press ENT to confirm,make left sign from "0" to "1". If two or more items are selectable,the item And should be selected,to make left sign from "0" to "1", Press EXT to exit after finished.

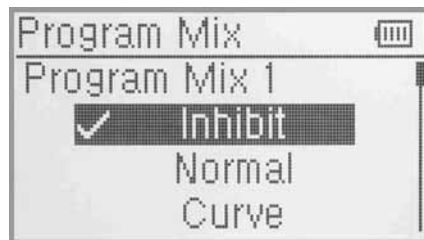


**3.16 Program mix**

There are total eight sets of Program Mix, It is possible to freely set th channels and amounts which you want to select and amend,respectively.

Setting method:

press " ENT" enter to "main menu"; press UP or DN to make navigation mark select"function menu",press"ENT" to enter into"function menu"; press UP or DN to select" program mix ",press"ENT" enter into"program mix", shown"program mix 1" and setttable status(the factory default setting is Inhibit).Take program Mix 1 as an example.



(1) Setting method for Normal in Program Mix.

Press UP or DN to make the navigation mark choose "Normal" item,and press ENT then expands up an enquiry "All Servos Hold?".Choose "OK" for all the servos will be locked at the current statuses;choose "Cancel" for unlocked.Enter the next interface after choosing.

(1.1) Master Channel setting

Press UP or DN to make the navigation mark choose "Master Channel"item,and press ENT to enter the Master Channel setting interface.Press UP or DN to choose the desired channel,then press ENT to confirm the mark "✓" before choosed channel name,press ENT to return the Program Mix 1 interface.

(1.2) Slave Channel setting

Press UP or DN to make the navigation mark choose"Slave Channel "item,and press ENT to enter the Slave Channel setting interface.Press UP or DN to choose the desired channel ,and press ENT to confirm the mark "✓"before the Slave Channel ,and "EXT" to return Program Mix 1 interface.