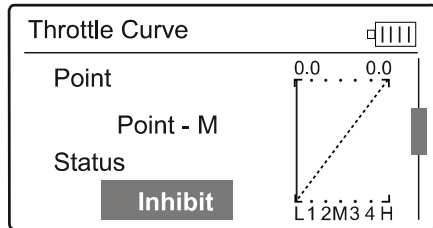
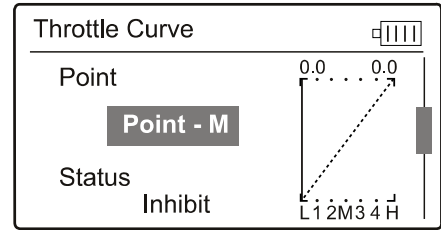
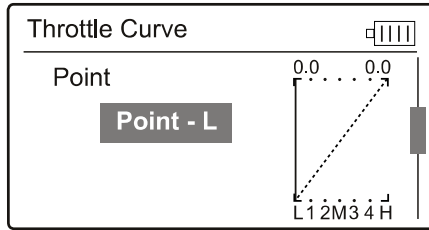


#### (4.1) Point setting

Press UP or DN in Throttle Curve interface to select Points setting. Press R to expand a list including seven points: "Point-L", "Point-1", "Point-2", "Point-M", "Point-3", "Point-4" and "Point-H". Press R or L to select the point you want to adjust.



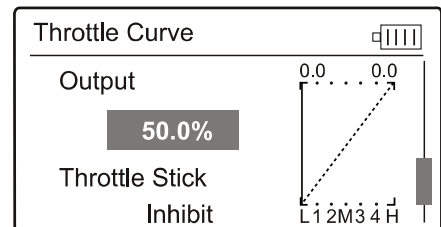
#### (4.2) Status setting

Press UP or DN to move navigation mark to Status and press R or L to choose Inhibit or Active. Select Inhibit if keeping the current value(the default setting is Inhibit). Select Active for changing the above points' value.

**Note:** After select point -L or Point-H, the status setting won't be display.

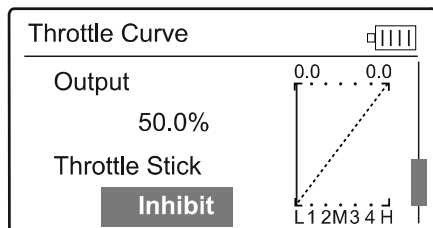
#### (4.3) Output setting

There is a expand item "Output" after select Status Active, press UP or DN to select Output setting, press R or L to increase or decrease, respectively, the output value. The adjustable range is from 0.0% to 100.0%, The curve graph in right will be change accordingly.



#### (5) Throttle Stick setting

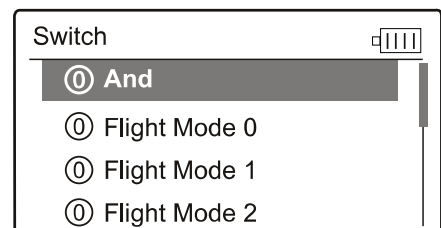
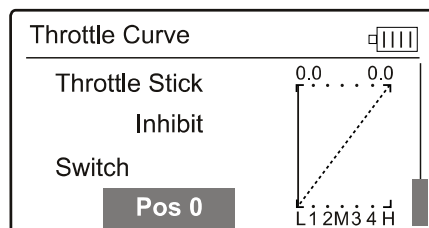
The switch between Pos 1 and Pos 0 can be freely realized through throttle stick after the below amount has been set up. The below set amount is the position of throttle stick as well as the switch point.



Throttle Stick setting: Press UP or DN to select Throttle Stick setting, Press L to decrease the amount with a lower limit of 0.0% or Inhibit, Press R to increase the amount with an upper limit of 100.0%.

#### (6) 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 Switch interface, press UP or DN to choose desired item. Press ENT to confirm, 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 selected, whose left side should be changed into "1" from "0". Press EXT after finished it.

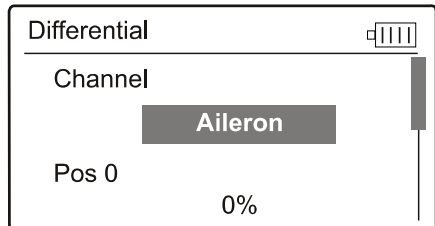


### 3.7 Differential

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

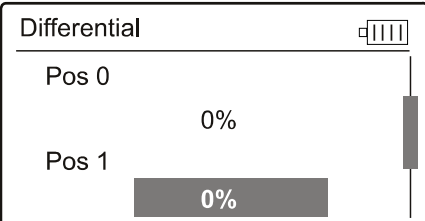
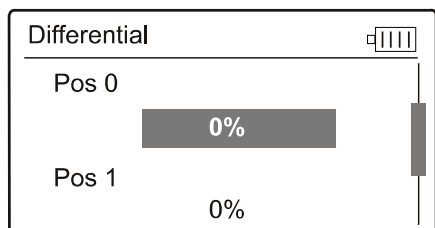


Mounting servos in left and right ailerons are a must if using this function. The following interface will be shown after Flaperon, Delta, or 4-Aileron selected in Wing Type. Refer to "2.11 Wing Type".

(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  $\pm 100\%$ .



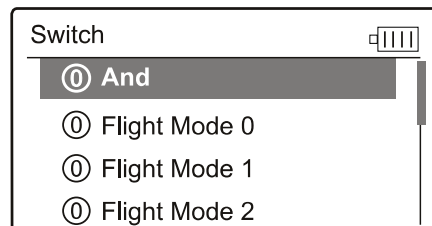
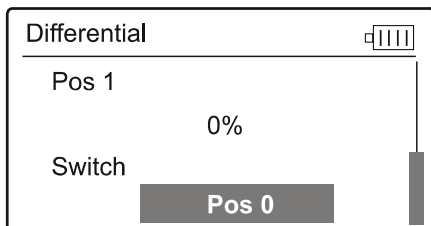
(1.3) Setting for Pos 1

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

(1.4) Switch selection

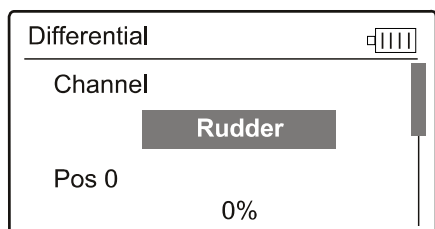
It is possible to switch by Setting Switch when differential is in use.

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 to confirm, 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 selected, 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 value with a range of  $\pm 100\%$ .

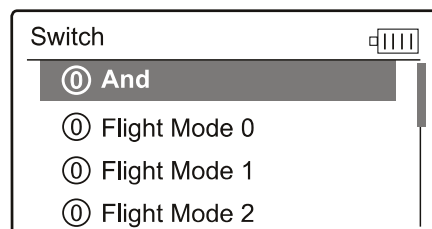
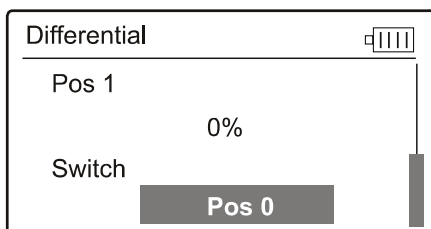
(2.2) Setting for Pos 1

Press UP or DN to choose Pos1, press R or L to increase or decrease differential value, respectively, the value with a range of  $\pm 100\%$ .

(2.3) Switch selection

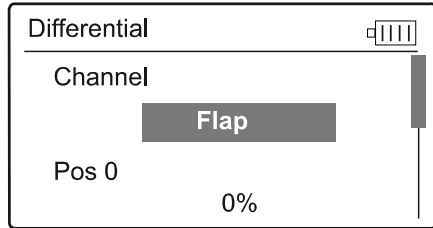
It is possible to switch by Setting Switch when differential is in use.

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 to confirm, 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 selected, 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 ± 100%.

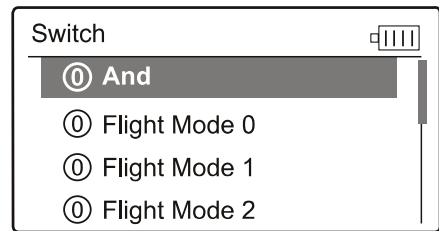
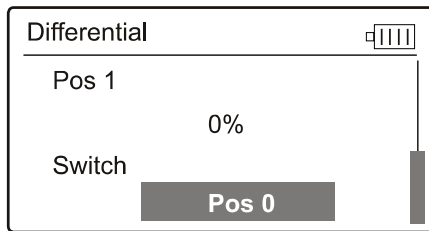
(3.2) Setting for Pos 1

Press UP or DN to choose Pos1, press R or L to increase or decrease differential value, respectively. The adjustable range is ± 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 to confirm, 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 selected, whose left side should be changed into “1” from “0”. Press EXT after finished it.

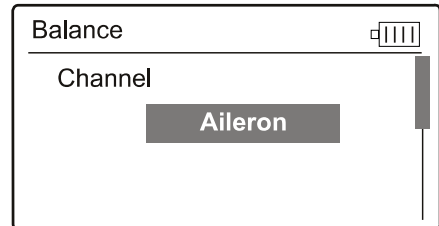


3.8 Balance

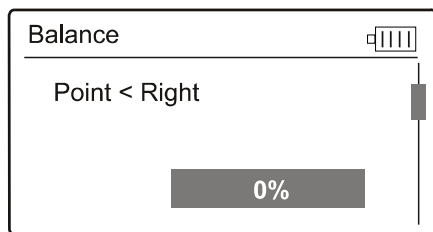
This function can adjust the parameters of the two servos which are used in the dual channels. It should be previously activated one of these wing types of Flaperon, Delta, 4-Aileron, and V-Tail in Wing Type at Model Menu. Refer to “2.11 Wing Type”.

Setting method:

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



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

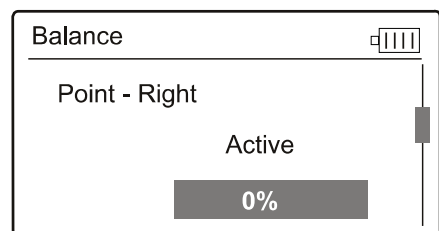
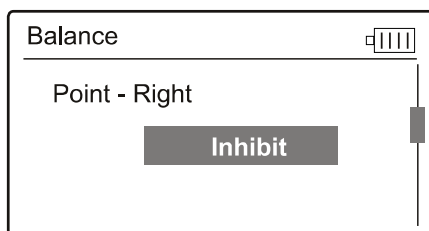


(2) Point parameter adjustment

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 Active. If need to adjust please Active 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%.



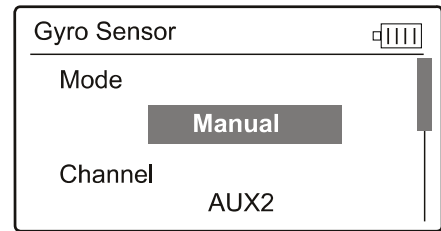
Press UP or DN, there will be setting for Point-1, Point-2, Point-3, Point-Left, Point>Left, refer to the setting method as above. Press EXT after finished it.

### 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 Sensor setting, press ENT to enter the setting interface of Gyro Sensor setting.



(1) Manual Setting

(1.1) Manual Setting:

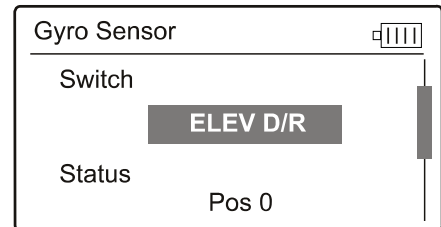
Under Gyro setting interface, press UP or DN to choose Mode, press R or L to select Manual setting or Automatic Setting ( Automatic setting can be activated if Flight mode is act, refer to “2.9 Device selection”). Choose “Manual Setting”

(1.2) Channel:

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

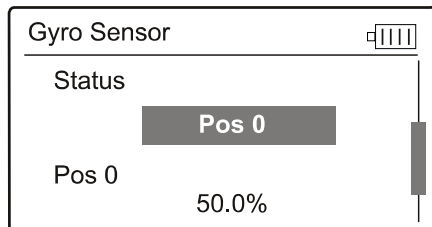
(1.3) Switch selection:

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) Sensitivity Setting

If choose 3 switches,there are “position 0”,“position 1” and “position 2”, then set the sensitivity individually; If choose 2 switches,there are “position 0” and "position 1" , then set the sensitivity 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:

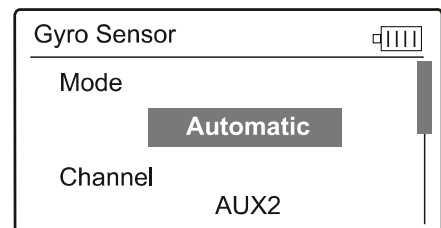
Press UP or DN to move the navigational mark to Pos 0 and press R or L to increase or decrease, respectively, the value.If the gyro used has two modes of NOR and AVCS, NOR will be activated when the value is less than 50.0%. In NOR mode, the smaller the value is, the bigger the gyro sensor sensitivity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

Under Gyro setting interface, press UP or DN to choose Mode, press R or L to select Manual setting or Automatic Setting. Choose “Automatic Setting”



(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”).

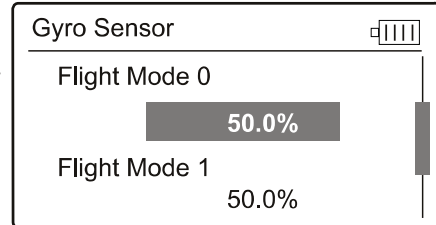
(2.3) Switch: The switch function isn't available under Automatic setting.

(2.4) Status:

Turn the Flight Mode Switch, the status display present flight mode position. There are "Flight Mode 0", "Flight Mode 1", "Flight Mode 2", "Flight Mode 3", "Flight Mode 4" sets. For Flight Mode 3 and Flight Mode 4, Flight Mode Extra Switch should be activated in Device Select (Refer to "2.9 Device Select").

(2.5) Flight Mode 0:

Press UP or DN to select Flight Mode 0, press R or 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 sensitivity will be. The factory setting is 50.0%.



(2.6) Flight mode 1, Flight mode 2, Flight mode 3, Flight mode 4 settings refer to "Flight Mode 0".

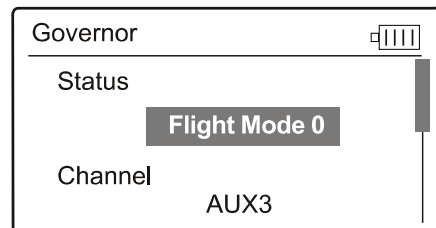
After finishing the set, press EXT to exit.

### 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 12E governor is just a percentage for reference. The actual revolution should be read in the external governor.

Press "ENT" to enter the "Main menu" interface; Press "UP or DN" to make the navigation mark to select "Function menu". Press "ENT" to "Function menu"; Press UP or DN to choose "Governor" then press ENT to enter the Governor setting interface, which display the options of Status and channels; Press UP or DN, there are options of "Flight Mode 0", "Flight Mode 1", "Flight Mode 2", "Flight Mode 3", "Flight Mode 4" and so on.



(1) Status

Turn the Flight Mode switch, the status display present flight mode position. There are "Flight Mode 0", "Flight Mode 1", "Flight Mode 2", "Flight Mode 3", "Flight Mode 4" sets. For Flight Mode 3 and Flight Mode 4, Flight Mode Extra Switch should be activated in Device Select (Refer to "2.9 Device Select").

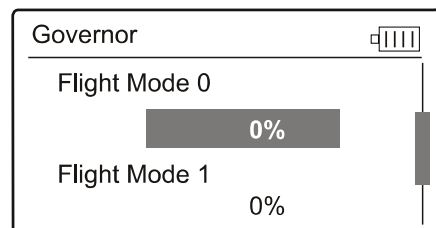
(2) Channel: The setted channels will display in "2.10 Device output" (refer to 2.10 Device Output)

(3) Flight Mode 0

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

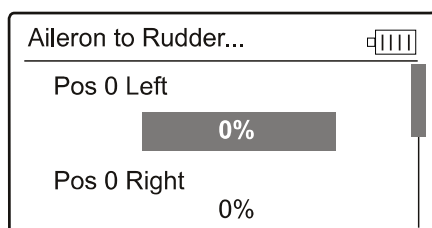
(4) Flight mode 1, Flight mode 2, Flight mode 3, Flight mode 4 settings refer to "Flight Mode 0".

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 to enter Aileron to Rudder Mix setting interface.

(1) Pos 0 Setting leftward setting

Press UP or DN to move the Navigation mark to select "Pos 0 Left" setting options. Press R or L to change mix value of Rudder when moving the aileron stick leftward. It is possible to change the mix direction via changing the plus or minus sign before the value. The adjustable mix is  $\pm 125\%$

(2) Pos 0 Setting rightward setting

Press UP or DN to move the Navigation mark to select "Pos 0 Right" setting options. Press R or L to change mix value of Rudder when moving the aileron stick rightward. It is possible to change the mix direction via changing the plus or minus sign before the value. The adjustable mix is  $\pm 125\%$

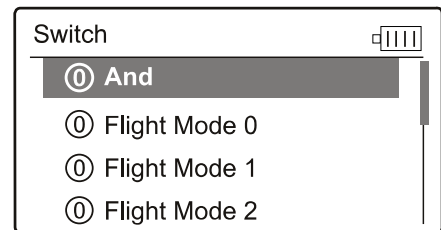
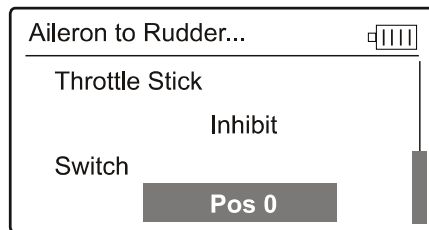
(3) Pos 1 setting, the setting is same as above.

(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

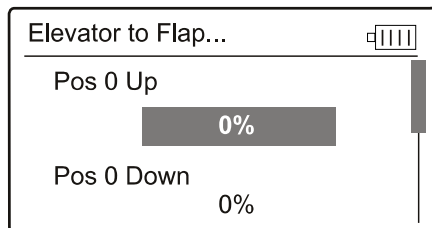
The switch will display the current switch position. Press UP or DN to choose Switch, press ENT to enter interface of Switch selection, press UP or DN to choose desired item. Press ENT to confirm, the desired item whose left side will be changed into "1" from "0". If two or more items are selected, the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



**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 UP or DN to select function menu. Press ENT to enter to function menu. Press UP or DN to select Elevator to flap mix, press ENT to 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  $\pm 125\%$ .

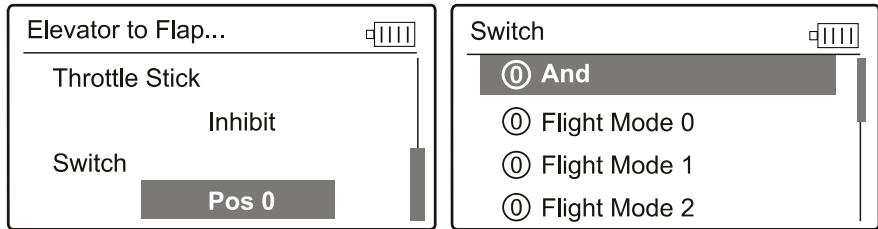
(3) Pos 1 setting, the setting is same as above.

(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 choose Switch, press ENT to enter interface of Switch selection, press UP or DN to choose desired item. Press ENT to confirm, 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 selected, whose left side should be changed into “1” from “0”. Press EXT after finished it.

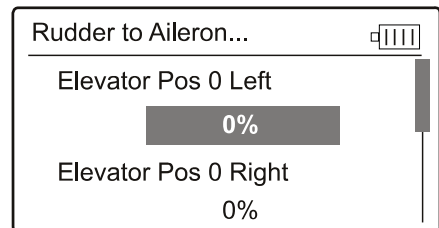


**3.13 Rudder to Aileron/Elevator Mix**

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, press UP or DN to make the navigation mark to 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 to select “Elevator Pos 0 Left 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 ±125%.

(1.2) Elevator Pos 0 Rightward setting

Press UP or DN to make the navigation mark to select “Elevator Pos 0 Right 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 ±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.

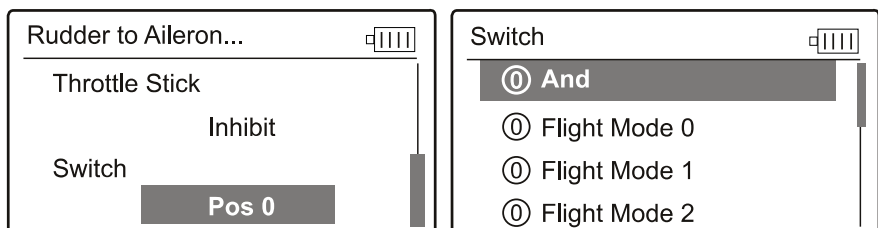
(2.2) Pos 1 setting: refer to “1.1 Elevator Pos 0”setting.

(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 to set the Thottle Stick position.The default setting is “Inhibit”,the adjustable range is from 0.0 to 100.0%.

(4) Switch setting

The switch will display the current switch position. 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 to confirm, 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 selected, whose left side should be changed into “1” from “0”. Press EXT after finished it.

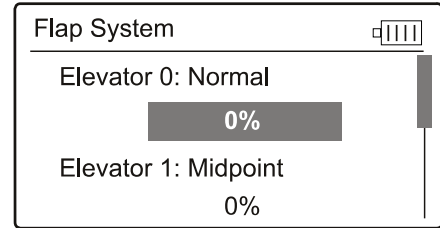


### 3.14 Flap System

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

Setting method:

Press ENT to enter Main Menu, press UP or DN to make the navigation mark to 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 to 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%.

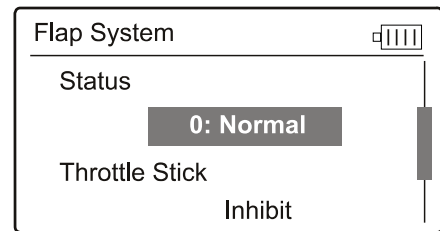
##### (1.2) Midpoint position: Please refer to "1.1 Elevator 0: Normal" setting

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

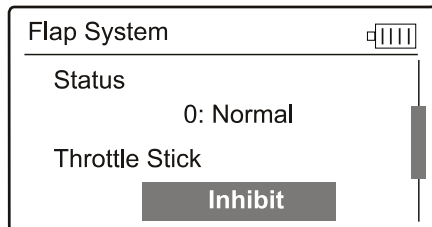
#### (2) Flap setting: the setting for flap is same as elevator.

#### (3) Status

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



#### (4) Auto land



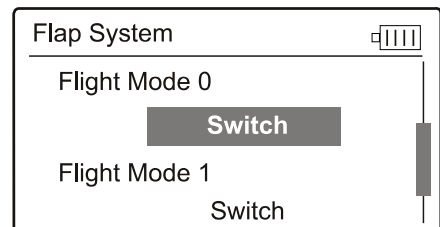
##### (4.1) Throttle stick setting

Press UP or DN to make the navigation mark to 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 to choose "Flight mode 0" item, and press R or L to 3 options: 0: Normal; 1: Midpoint and 2: Land. It is Manual 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"

##### (4.5) Flight mode 3 setting: refer to "(4.2) Flight mode 0 setting"

##### (4.6) Flight mode 4 setting: refer to "(4.2) Flight mode 0 setting"

Press EXT to exit after finished.

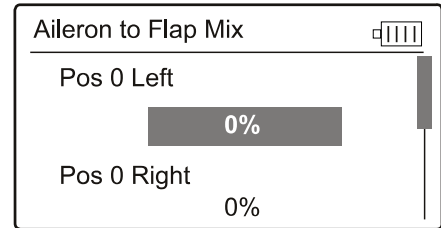


### 3.15 Aileron to Flap Mix

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 Main Menu ,press UP or DN to make the navigation mark to choose "Function Menu", press ENT to enter Function Menu. Press UP or DN to choose "Aileron to Flap Mix" and then ENT to enter its setting interface.



(1) Pos 0 to left setting

Press UP or DN to make navigation mark to select "Pos 0 to left setting",press R or L to change the leftward mix value of Aileron 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 right setting

press UP or DN to make navigation mark to select "Pos 0 to right 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 1 to left setting: refer above "(1) pos 0 to left setting"

(4) Pos 1 to right setting: refer above"(2) pos 0 to right setting"

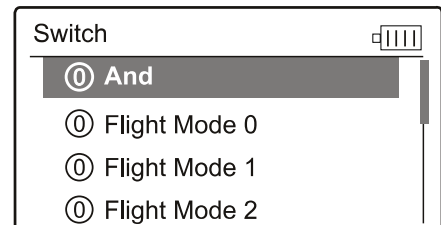
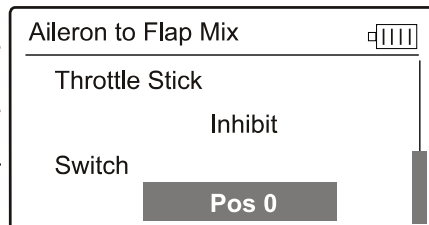
(5) Throttle stick setting

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 inhabit. Change value can set throttle stick postion.The default setting is "inhabit". The adjustable range is from 0.0% to 100.0%

(6) Switch setting

The switch will display the current switch position. 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 to confirm, 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 selected, whose left side should be changed into "1" from "0". Press EXT after finished it.

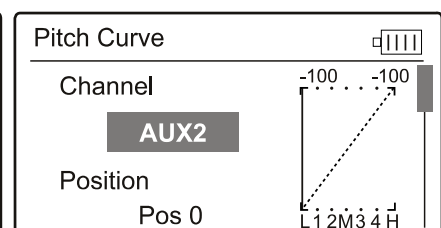
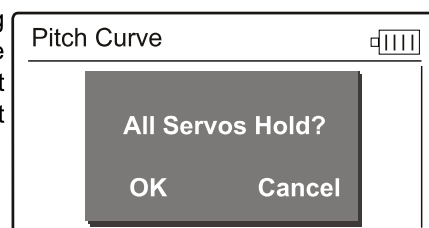


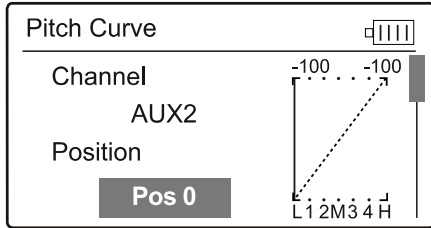
### 3.16 Pitch Curve

Pitch Curve can be adjusted via seven points. Pitch Curves of Pos 0 and Pos 1 can be set, respectively. The item Pitch should be previously set in Device Output at Model Menu (Refer to "2.10 Device Output").

Setting method:

Press ENT to enter Main Menu, Press UP or DN to move navigation mark to select Function Menu. Press ENT to enter Function Menu. Press UP or DN to select Pitch Curve, Press ENT to enter Pitch Curve interface. A dropdown menu with "All Servos Hold?" will pop up. select Ok for locking all the current statuses of servos, and select Cancel for unlocking the current statuses. And the interface will show the current used channel and the current position statuses of switches.



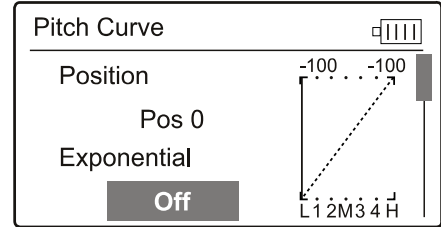


(1) Position selection

Press UP or DN in the “Pitch Curve” setting interface to select “Position”, press R or L to select the item you want to set in the list with Pos 0 and Pos 1.

(2) Exponential setting

Press UP or DN in the “Pitch Curve” setting interface to select “Exponential” setting, Press R or L to set “Off” or “On”. Select On for smooth changes, and Off for changes in the form of fold ling in pitch curve, respectively.

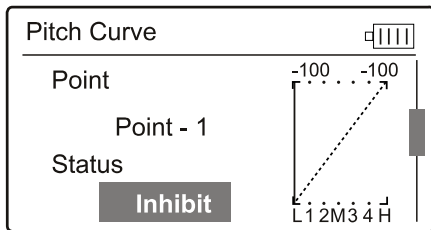
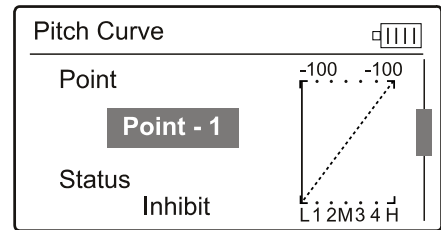
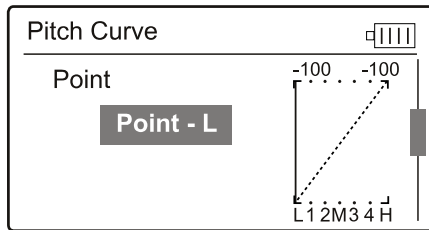


(3) Curve setting

Including “Point” and “Output”.

(3.1) Point setting

Press UP or DN in Pitch Curve interface to select Points setting. Press R to expand a list including seven points: “Point-L”, “Point-1”, “Point-2”, “Point-M”, “Point-3”, “Point-4” and “Point-H”. Press R or L to select the point you want to adjust.



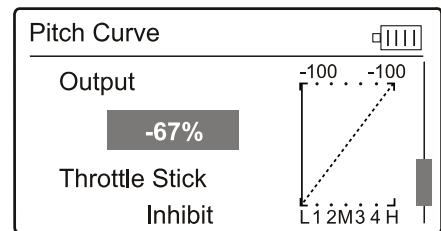
(3.2) Status setting

Press UP or DN to move navigation mark to Status and press R or L to choose Inhibit or Active. Select Inhibit if keeping the current value(the default setting is Inhibit). Select Active for changing the above points' value.

**Note:** After select point -L or Point-H, the status setting won't be display.

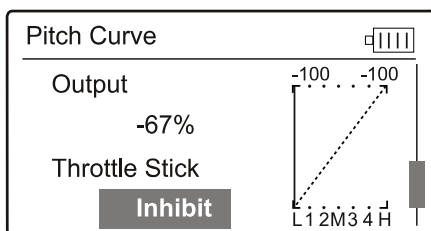
(3.3) Output setting

There is a expand item “Output” after select Status Active, press UP or DN to select Output setting, press R or L to increase or decrease, respectively, the output value. The adjustable range is ±100%.



(4) Throttle Stick setting

The switch between Pos 1 and Pos 0 can be freely realized through throttle stick after the below amount has been set up. The below set amount is the position of throttle stick as well as the switch point.



Throttle Stick setting: Press UP or DN to select Throttle Stick setting, Press R or L to increase or decrease, respectively. The adjustable range is from 0.0% to 100.0%. Choose Inhibit and the throttle stick will not be set as a switch.