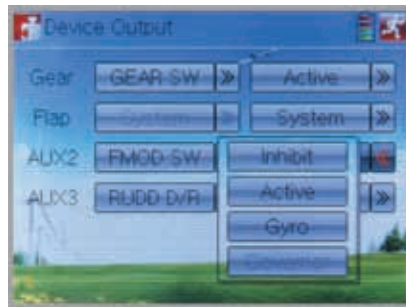


(3) AUX 2

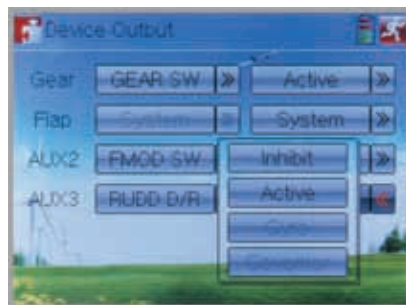
Touch the left column navigation mark of AUX 2. Pop up an expansion list including FMODE SW, MIX SW, ELEV D/R,AILE D/R,RUDD D/R, GEAR SW .Touch the desired item. The default setting is FMODE SW.



Touch the right column navigation mark of AUX 2, and expands a list including Inhibit, Active, Gyro, and Governor. Click the desired item. The default setting is Active. Then continue to set other items.

(4) AUX 3

Touch the left column navigation mark of AUX 3, and expands a list including FMODE SW, MIX SW, ELEV D/R,AILE D/R,RUDD D/R, GEAR SW. Touch the desired item. The factory default setting is RUDD D/R.



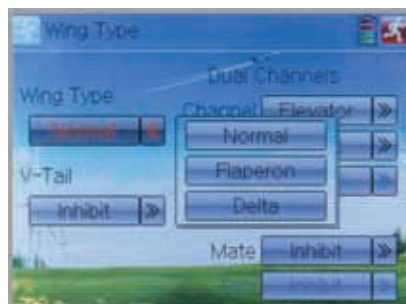
Click the right column navigation mark of AUX3, and see an expansion list including Inhibit, Active, Gyro and Governor. Choose the desired item. The factory fault setting is Active. Then continue to set up other items. Click the icon to exit.

2.10 Wing Type

Wing Type is grouped into Flaperon, DLETA and V Tail.

Wing type selection:

Touch the icon to enter Model Menu, and then touch to enter the wing type interface.

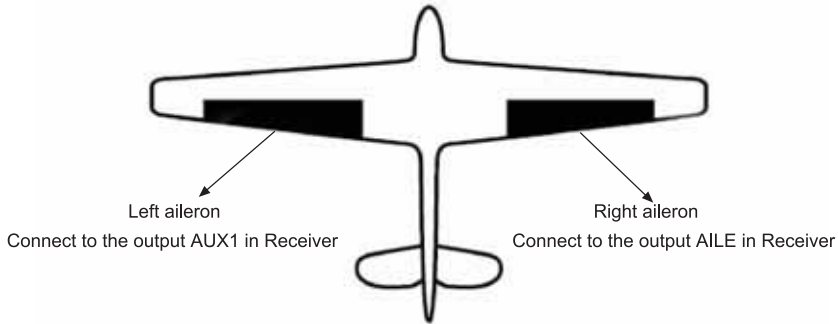


(1) Flaperon

Touch the navigation mark of Wing Type and expand a dropdown menu with Normal, Flaperon and DELTA. Choose the desired wing type.

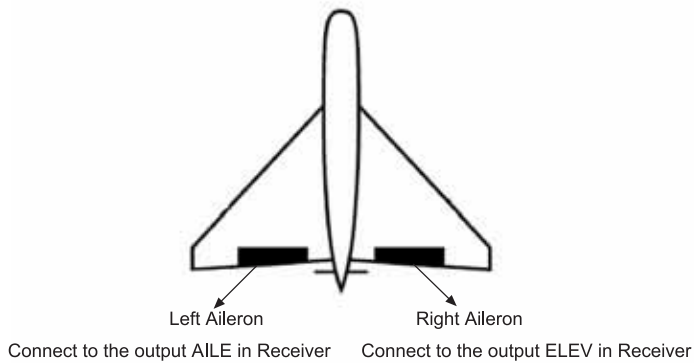
(1.1) Flaperon

Below is the graphics for the servos location of the Flap and Aileron Type.



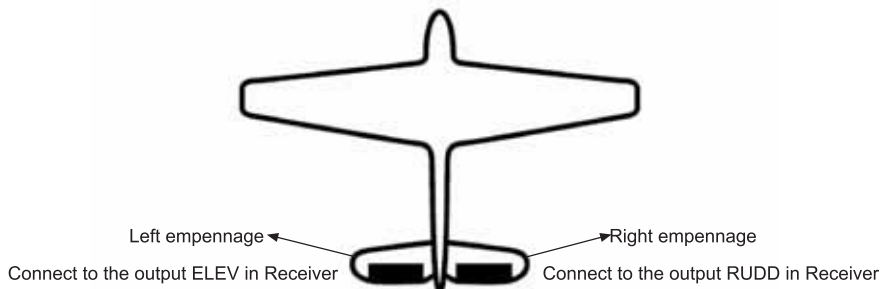
(1.2) DELTA

Below is the graphics of the servos location of the Delta Type.



(2) V-TAIL

Touch the navigation mark of V-TAIL and expand a dropdown menu with Inhibit and Active. Choose Active. Below is the graphics for the servos location of the V-tail Type.



(3) Dual channels setting

Dual Channels can be set as Elevator, Aileron, Rudder, or Flaperon. It is of dual channel output function. The channel, which will be set as dual channel at AUX in Device Output (Refer to "2.9 Device Output"), should be previously set as Inhibit when the AUX channel is being set.

Setting method:

(3.1) Channel setting

Touch the navigation mark of Channel in the interface of Wing Type, and expand into Elevator, Aileron, Rudder, and Flap. We take Elevator as an example.



(3.1) Channel setting

(3.2) Mate setting

Click the navigation mark of Mate and expand a dropdown menu with Inhibit, Gear, Flap, AUX2 and AUX3.

Touch the desired channel in black. The channel, whose characters are shown in gray, has being applied.



(3.2) Mate setting



(3.3) Trim setting

(3.4) the settings for Aileron, Rudder, and Flap in the item Channel are same as above.

(4) Twin Engine

This function can be set as twin engine output to meet the requirement for the models, which are powered by twin engines.

(4.1) Mate setting

Click the navigation mark of Mate and expand a dropdown menu with Inhibit and the inhibited channels previously set in "2.9 Device Output". Choose the desired channel in black. These channels in gray are not available.



(4.1) Mate setting



(4.2) Trim setting

(4.2) Trim setting




Click the navigation mark of Trim and expand into Inhibit, Left Trim, Right Trim. Touch the item which you want to set as the trim.

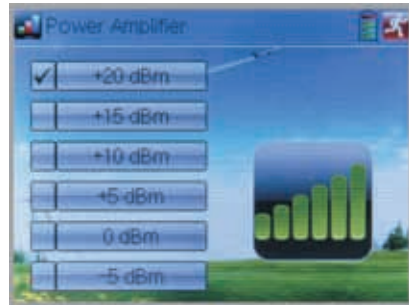
Click the icon to exit after finished.

2.11 Power Amplifier

The transmission output power of DEVO-8S is adjustable. It's valid to set different wattage for different model. It is divided into six grades from small to big. The lower the transmission output power transmits, the shorter the radio range is, and the longer the stand-by time will be. The higher the transmission output power, the farther the radio range, and the shorter the stand-by time. Choose the appropriate transmission output power according to the actual situation.

Setting method:

Touch the icon  to enter System Menu and then click  to enter the power amplifier interface. Choose the appropriate output power level and then touch  to exit.





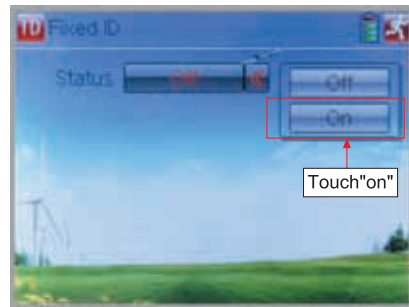
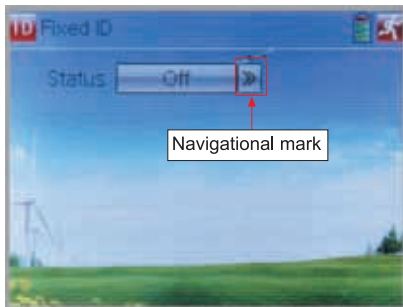
2.12 Fixed ID

This setting will bind DEVO-8S and its receiver in a unique corresponding relationship. It will greatly speed up the time of automatic binding when DEVO-8S powered on.

(1) Setting for fixed ID

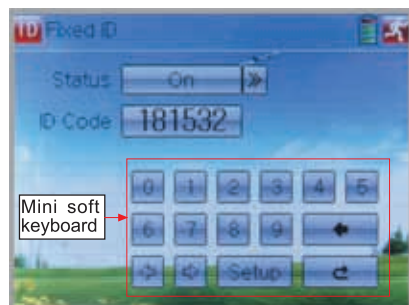
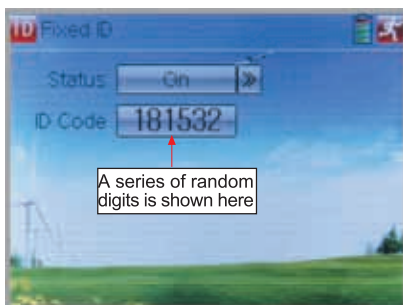
The setting for fixed ID should be under the status that automatic ID binding is successfully finished. Below is the setting method.

Touch the icon  to enter Model Menu in the main interface, and then enter Fixed ID by touching the icon  in Model Menu.



Touch the navigation mark of the item ID Code Setting. It will expand into two statuses: Off and On. A series of random digits will be shown below after touching On.

A mini soft keyboard is shown in the lower part after touching the random digits of ID Code



The new ID digits can be modified by touching the mini soft keyboard. Then touch Match after the new ID is already set. An inquiry interface of “Are you sure?” pops up. “ID Code Match.....” will be shown after touching OK.



(2) Fixed ID cancellation

Insert the assorted BIND PLUG into the output terminal of BATT before the receiver is powered on, and then plug 5V DC power into one of the other output terminals. The red light of receiver will flash slowly. This means the fixed ID code has been cancelled. Pull out BIND PLUG.



DEVO-8S also needs to make relative cancellation and reversion after the fixed ID in receiver is cleared out.

In the main interface touch the icon to enter Model Menu and then touch to enter Fixed ID. Touch ID Code Setting to expand the navigation mark into two statuses On and Off. Touch Off. Then touch to exit.

3.0 Function Menu

Function Menu is used to make personalizedly fine adjustment to the selected models. It includes Reverse Switch, Travel Adjust, Sub Trim, Dual Rate and Exponential, Throttle Hold, Throttle Curve, Differential setting, Balance setting, Gyro Sensor, Governor, Aileron to Rudder Mix, Elevator to Flap Mix, Rudder to Aileron/ Elevator Mix, Flap System, Aileron to Flaperon Mix, Program Mix, Monitor, Fail Safe, Trainer, and Timer.

3.1 Reverse Switch

Touch the shortcut icon to enter Function Menu, and then click the icon to enter the reverse switch interface.

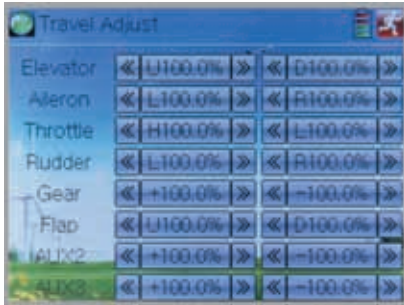
There show all the reverse switches' statuses of 8 channels. Touch the desired item to reverse its current status. The status includes two types: Normal and Reverse. The default setting is Normal.

Touch the icon to exit after finished.




3.2 Travel Adjust

Touch the icon  to enter Function Menu and then click the icon  to enter the servo travel adjust interface.



The interface contents two pages to show the current travel status of all the eight channels. Touch the navigation mark of each item to increase or decrease corresponding travel adjustment amount. The adjustable range is 0.0% ~ 150.0%. The default setting is 100.0%.

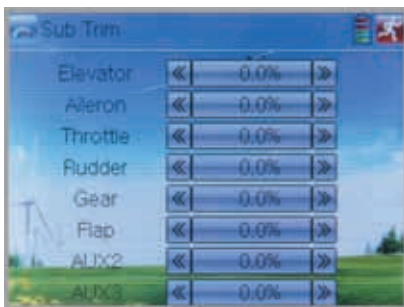
Click the icon  to exit after finished.

3.3 Sub Trim

Sub Trim is used to make parallel movement of servos. It is recommended to adjust the servo bell crank if the servo is far away from its neutral point. The excessive usage of sub trim may damage the servo.

Setting method:

Touch the icon  to enter Function Menu and then click the icon  to enter the sub trim interface.



Touch the navigation mark of the desired item to adjust the amount for rectifying the servo's neutral point. The default neutral point is set at 0.0%. The adjustment range of each channel is shown as below:

Channel name	Adjustment range	Channel name	Adjustment range
Elevator	D62.5%—U62.5%	Gear	-62.5%— +62.5%
Aileron	R62.5%—L62.5%	Flap	D62.5%—U62.5%
Throttle	L62.5%—H62.5%	Gyro	-62.5%— +62.5%
Rudder	R62.5%—L62.5%	AUX3	-62.5%— +62.5%

Note: the model names shown will be different with the selected channels different.

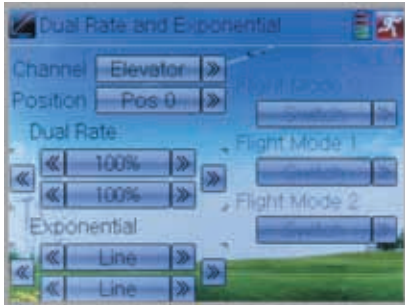
Click the icon  to exit after finished.

3.4 Dual Rate and Exponential

It is possible to use D/R switch to control over the dual rate of elevator, aileron, and rudder after the function of Dual Rate and Exponential is set up. The setting range is 0-125%. Under the help with exponential curve adjustment, it is not only manually but also automatically able to set up various parameters which are suitable for yourself.

Setting method:

Touch the icon to enter Function Menu and then click the icon to enter the dual rate and exponential interface.

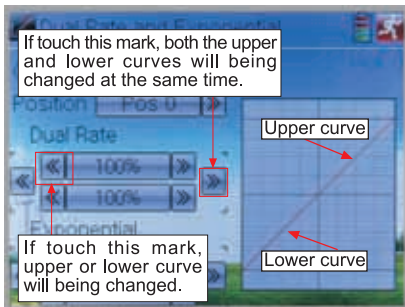


(1) Channel selection

Touch the navigation mark of Channel and expand a selectable list including Elevator, Aileron, and Rudder. Click the desired channel which will be shown in Channel.

(2) Position selection

Touch the navigation mark of Position and expand a selectable list including Pos 0, Pos 1, and Pos 2. Click the desired item which will be shown in Position. But there will only show Pos 0, Pos 1, and Pos 2 in manual setting.



(3) Dual Rate adjustment

It is possible to modify the value by touching the navigation mark of Dual Rate.

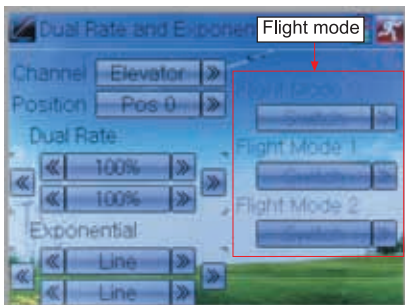
If touching the navigation mark for just one item to amend the dual rate value, the dual rate of the corresponding servo will be changed in one direction, while the curve will be changed in one direction at the right graph.

(4) Exponential adjustment

It is possible to adjust the exponential output value of the servo at that point, which is set up in step “(2) Position selection”, by touching the navigation mark of Exponential.

(5) Automatic setting

Under working with Flight Mode, it is possible to switch between the dual rate and exponential, which are set in above (3) Dual Rate adjustment and(4) Exponential adjustment, respectively.The settings for Flight Mode 0, Flight Mode 1, and Flight Mode 2 are available.



Note: Before using the function of automatic setting, both Flight Mode Switch should be previously set as relative switches. Refer to “2.8 Device Select”.



Touch the flight mode that you want to set as automatic operation, and an expansion list will be shown. Click the desired position. If Switch is selected, it is only controlled by the corresponding dual rate lever.

Click the icon to exit.

3.5 Throttle Hold

If this function is set, the switch will be executed by RUDD D/R switch. The setting value of throttle hold is ranged from -20.0% to 50.0%.

Setting method:

Touch the shortcut icon  to enter Function Menu, and then click  to enter the throttle hold interface.



Touch the navigation mark of Hold Status, and an expansion list will be shown as Inhibit and Active. Click Active, there appear Switch, and Hold Position in the following interface.

(1) Setting for Switch

This item is impossible to be set. The default setting is RUDD D/R.

(2) Setting for Hold Position



Touch the left navigation mark of the item Hold Position to decrease the position amount, whose minimum is -20.0%; touch the right to increase the position amount whose maximum is +50.0%.

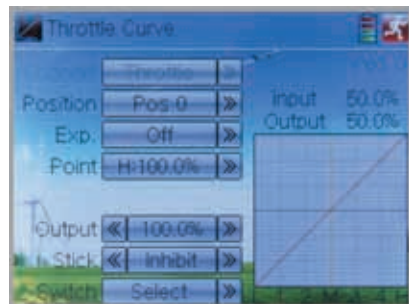
Click the icon  to exit after all the settings are finished.

3.6 Throttle Curve

Throttle curves are adjusted through seven points, which of all the flight modes can be respectively set. The left and right throttles can be separately set after it is previously set as dual engines. Refer to Twin Engine at "2.10 Wing Type"

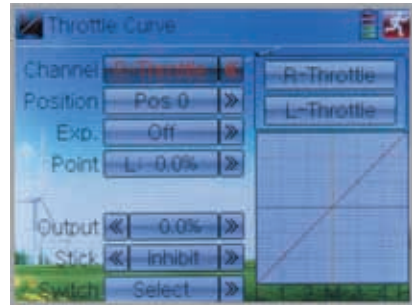
Setting method:

Touch the icon  to enter Function Menu and then click the icon  to enter the throttle curve interface. A dropdown menu with "All Servos Hold?" pops up. Click OK for all the servos locked at the current statuses. Click Cancel for all the servos unlocked.



(1) Channel setting

After previously set up Twin Engine, touch the navigation mark of Channel and expand a list including Left Throttle and Right Throttle. Select the desired throttle which will be shown in Channel. Channel will be shown in grey if Twin Engine is not previously selected.



(2) Position selection

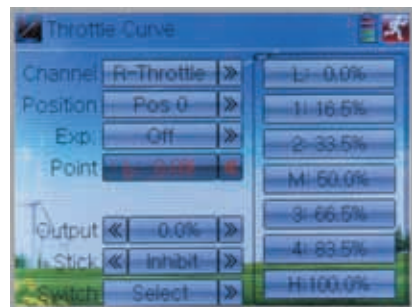
Touch the navigation mark of Position and expand a list with Pos 0 and Pos 1. select the item you want to set.

(3) Exponential setting

Touch the navigation mark of Exponential and expand a list with Off and On. The throttle curve will being changed smoothly if clicking On.

(4) Point setting

Touch the navigation mark of Point and expand a list including seven points. Select the point you want to adjust.



(5) Status setting

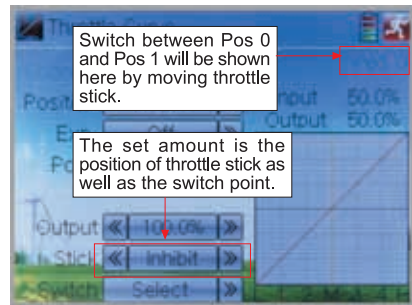
Touch the navigation mark of Status and expand a list with Inhibit and Active. Click Inhibit for keeping the current value (the default setting is Inhibit); click Active for changing the above point's value. Another item Output will be shown below after choosing Active.

(6) Output setting

Touch the left or right navigation mark of Output to decrease or increase, respectively, the output value. The adjustable range is from 0.0% to 100.0%.

(7) Throttle setting

Touch the left or right navigation mark of Throttle Stick to decrease or increase, respectively, the amount with a lower limit of 0.0% and an upper limit of 100.0%. The default setting is Inhibit.

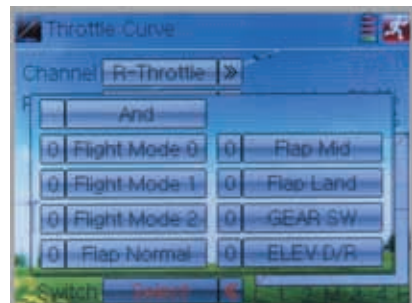


The switch between Pos 1 and Pos 0 can be freely realized through throttle stick after the above amount has been set up. The above set amount is the position of throttle stick as well as the switch point.

(8) Switch selection

When the item Throttle Stick is set in Inhibit, it is possible to switch between Pos 0 and Pos 1 by Switch.

Touch the navigation mark of Switch and expand a dropdown menu including the selectable items in black. Select the desired item whose left side will be changed into "1" from "0". If two items are selected, the item And should be chosen. Then touch the navigation mark of Switch to return back.





Click the icon to exit after finished.

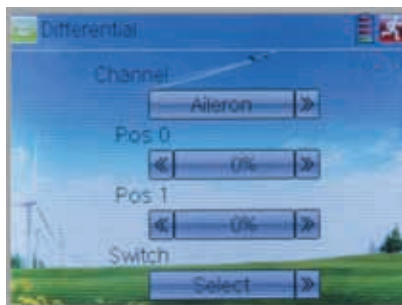
3.7 Differential

If want to use this function, Flaperon, DELTA should be previously selected in Wing Type of Model Menu. Refer to “2.10 Wing Type”.

(1) Aileron differential setting:

Touch the shortcut icon  to enter Function Menu, and then click the icon  to enter the interface of Differential.

Mounting servos in left and right ailerons are a must if using this function. The following interface will be shown after Flaperon, DELTA, selected in Wing Type. Refer to “2.10 Wing Type”.



(1.1) Setting for Pos 0


Touch the left or right navigation mark of Pos 0 to decrease or increase, respectively, differential value. The bigger the value is, the bigger the differential is. The adjustable range is $\pm 100\%$.

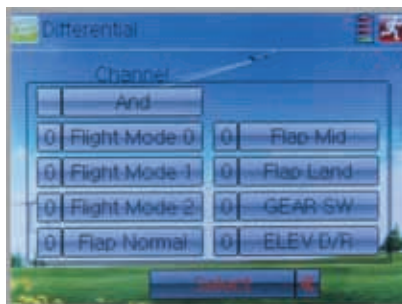
(1.2) Setting for Pos 1

The setting is same as above.

(1.3) Switch selection

It is possible to switch by setting switch when differential is in use.

Touch the navigation mark of Switch and expand a selectable list. Click the switch item, which you desire, to change “0” into “1”. If two or more switch items are selected, the item And should be chosen. Then click the navigation mark to return. Click the icon  to exit after finished.



(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 “2.10 Wing Type”. And then the following interface will be shown:

(2.1) Setting for Pos 0


Touch the left or right navigation mark of Pos 0 to decrease or increase, respectively, differential value. The bigger the value is, the bigger the differential is. The adjustable range is $\pm 100\%$.

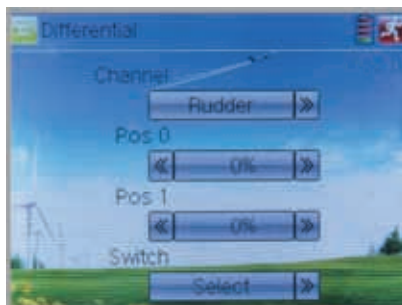
(2.2) Setting for Pos 1

The setting is same as above.

(2.3) Switch selection

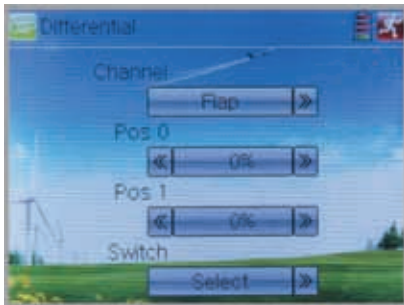
It is possible to switch by setting switch when differential is in use.

Touch the navigation mark of Switch and expand a selectable list. Click the switch item, which you desire, to change “0” into “1”. If two or more switch items are selected, And should be chosen. Then click the navigation mark to return. Click the icon  to exit after finished.



(3) Flap differential setting

It should be previously set the flap dual channel function in Device Output at Model Menu (refer to “2.10 Wing Type”) in order to activate the menu of Flap Differential.



(3.1) Setting for Pos 0

Touch the left or right navigation mark of Pos 0 to decrease or increase, respectively, differential value. The bigger the value is, the bigger the differential is. The adjustable range is ± 100%.

(3.2) Setting for Pos 1

The setting is same as above.

(3.3) Switch selection

It is possible to switch by setting switch when differential is in use.



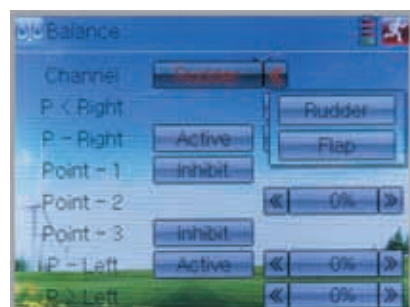
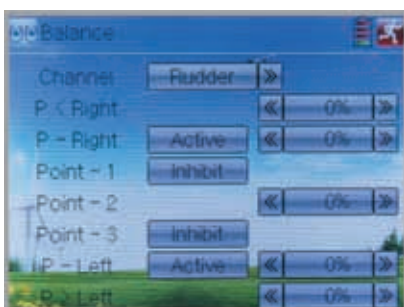
Touch the navigation mark of Switch and expand a selectable list. Click the switch item, which you desire, to change “0” into “1”. If two or more switch items are selected, And should be chosen. Then click the navigation mark to return. Click the icon to exit after finished.

3.8 Balance

This function can adjust the parameters of the two servos which are used in the dual channels. It should be previously chosen one of the these wing types of Flaperon, DELTA, and V Tail in Wing Type at Model Menu. Refer to “2.10 Wing Type”.

Setting method:

Touch the icon to enter Function Menu, and then click the icon to enter the balance interface.



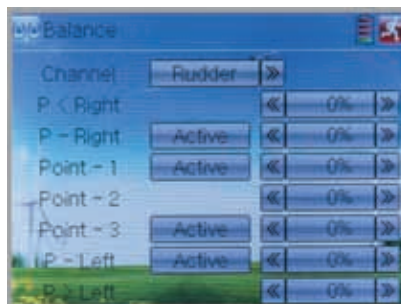
(1) Channel selection

Touch the navigation mark of Channel and expand a selectable list. Choose the desired channel.

(2) Point parameter adjustment

Touch the navigation mark of Point that you want to select, and pops up a dropdown menu including Inhibit and Active. Click Active for adjusting the value by touching the left or right navigation mark. 0% means no adjusting. A minus value means the amending direction is downward, and a plus value means the amending direction is upward.

Click the icon  to exit after finished.



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 "2.8 Device select").

Setting method:

Touch the icon  to enter Function Menu, and then touch the icon  to enter gyro sensor interface.

(1) Manual setting

(1.1) Mode selection

Touch the navigation mark of Mode and expand into two options: Manual and Automatic. Select Manual.

(2.2) Switch selection

Touch the navigation mark of Switch and expand into six articles: FMOD SW, MIX SW, ELEV D/R, AILE D/R, RUDD D/R and GEAR SW.

(2.3) Channel setting

The default setting is AUX 2. It is possible to alter into other channels by choosing in the item of Device Output (refer to "2.9 Device Output").

(2.4) Gain adjustment

There are total three levels for respective setting: Pos 0, Pos 1, and Pos 2.

(1.4.1) Pos 0

Touch the left or right navigation of the flight mode you want to adjust to decrease or increase, respectively, the value with a range of 0.0% - 100.0%.

If the gyro used has two modes of NOR and AVCS, NOR will be activated when the value is less than 50.0%, and AVCS activated when above 50.0%. In NOR mode, the smaller the value is, the bigger the sensitivity will be; in AVCS mode, the bigger the value is, the bigger the gyro sensor gain will be. The factory setting is 50.0%.

(1.4.2) Pos 1

Refer to the step of "(1.4.1) Pos 0".

(1.4.3) Pos 2

Refer to the step of "(1.4.1) Pos 0".

(2) Automatic setting

(2.1) Mode selection

Touch the navigation of Mode and expand into two options: Manual and Automatic. Select Automatic.

(2.2) Channel output

The default setting is AUX 2. It is possible to alter into other channels in the interface of Device Output (Refer to "2.9 Device Output").

