Press UP or DN to choose the requiring AMPLI. Press ENT to confirm then the corresponding items will have the"✓"mark in front of the items.The AMPLI rate will be shown on the interface.

After the setting, press EXT to exit.

2.13 Fixed ID

This setting will bind DEVO-10 with its receiver in a unique corresponding relationship. It will greatly speed up the time of automatic binding when DEVO-10 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.

Press ENT to enter the main Menu and push UP or DN to move the navigational mark to select Model menu. Press ENT to enter Model Menu. Press UP or DN to select Fixed ID and press ENT to enter the Fixed ID setting interface.

If you want to activate the fixed ID settings, press R or L to change the status from off to ON. A series of random digits will be shown below after change to On.

Press UP or DN to choose the ID code setting, press R or L to coose the words or number,press UP or DN moves to the next code setting . there are 6 words can be set to ID code.

Press ENT key after the new ID has been set. An inquiry interface of "Are you sure?" pop up. "ID Code Matching … …" will be shown after press ENT. After matching, the interface will be returned to Model Menu.
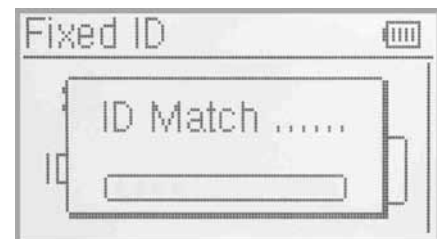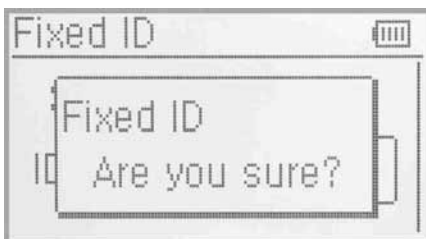
(2) Fixed ID cancellation

Insert the assorted BIND PLUG into the output terminal of BATT before the receiver is powered on, and then plug 5V DC power into other output terminal. The red light of receiver will flash slowly. This means the fixed ID code has been cancelled. Pull out bind plug.DEVO-10 also needs to make relative cancellation and revision after the fixed ID in receiver is cleared out.

In the main interface press the ENT to enter Model Menu and then press UP or DN to move the navigational mark to select MODEL MENU. Press ENT to enter MODEL MENU. Press UP or DN to select Fixed ID code and push ENT key to enter the Fixed ID code interface.Press UP or DN to select STATUS option, Press R or L to change the status to Off. Then press EXT to exit.

2.14 Sensor setting

Setting method: press ENT enter to the Main menu. Press UP or DN to select the Model menu. Press ENT enter to Model menu. Press UP or DN to select sensor press ENT enter to the sensor setting interface. See the Illustration.

Press R or L select Activate or Inhibit (the default setting is Inhibit), such as press Activate will includes No Signal Warning,Voltage sensor,Temperature sensor,GPS receiver setting etc.

(1) No Signal Warning

Press UP or DN to make the navigation mark choose "No Signal Warning".Press R or L to choose " inhibit" or "active" (default setting is" inhibit"). If you choose "Active",the Radio will alarm when telemetry signal lost.As following:
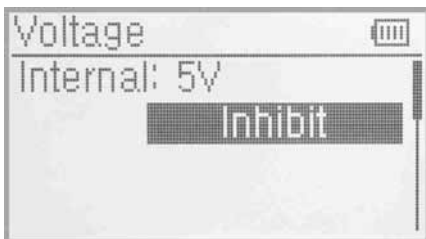
(2) Voltage setting

There are 3 different types of voltage can be measured.It includes Internal 5V,External V1 and V2 which can be monitor two different external voltage(i.e. battery) respectively.Once the measured voltage is lower than the setting value, the Radio will alarm.

(2.1) Receiver 5V(Internal) PFV(Power Feeding Voltage) Alarmed value can be setted as 3.6-6V

Voltage setting: press R or L to activate the 5V, the alarm interface will appears in the interface , please refers to the Illustration.

Press UP or DN to select the Alarm Voltage setting,press R or L to set the value. The range is 3.6-6V. you can continue to set others items after you finished.

(2.2) External V1

Press UP or DN enter to External V1 setting interface. Press R or L to activate the V1,the details refers to the Illustration.
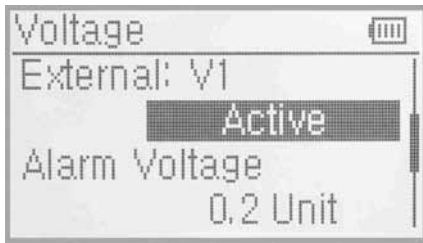
Press UP or DN select the Alarm voltage setting. Press R or L to set the value. The setting range is 0.2~99.9V. you can continue to set others items after you finished.

(2.3) External: V2 setting can refers to External V1 setting.

Press EXT back to sensor setting interface after you finished.

(3) Temperature sensor

The temperature sensors can measure up to 4 different temperature(i.e.motors).You can choose Celsius or Fahrenheit.The alarmed value can be setted for 4 different temperature.Once the measured value is higher then the setting value,the radio will alarm.The Alarm Temperature value can be setted as -20~220℃ or -4.0~428.0° F.

Temperature Setting:
In the "Sensor Setting"interface,press UP or DN to make the navigation mark choose "Temperature Sensor",and press ENT to enter "Temperature Sensor"setting interface. See the illustration.

(3.1) Unit

Press UP or DN to make the navigation mark choose "Unit"setting item,and press R or L to choose Unit, two kinds of Unit:Celsius and Fahrenheit.

(3.2) Alarm Temperature settings

Press UP or DN select the T1 ,Press R OR L activate the setting.Inhibit will change to Active and Alarm temperature will be shown. If you choose Inhibit, the Alarm temperature value won't be shown.
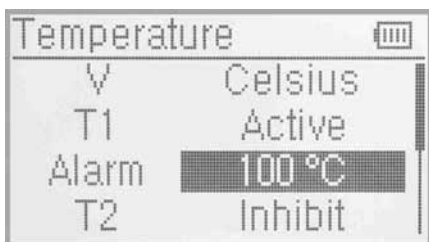
Press UP or DN select "Alarm"setting,press R or L set the alarm temperature value.Press UP or DN to set other items after finished the setting.
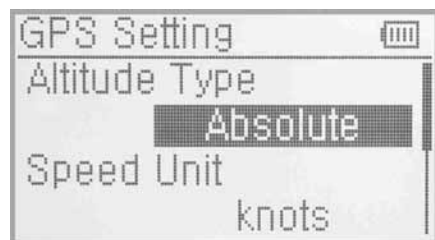
(3.3) T2,T3,T4 setting

Refer to the step of "(3.2)T1".
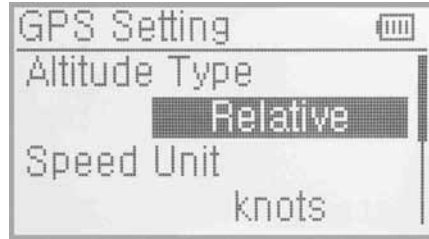
(4) GPS setting

There are 4 items including Altitude Type,Speed Unit,Date type and time Zone in the GPS receiver setting interface.

Press UP or DN to select the Sensor setting interface to enter the GPS setting interface.
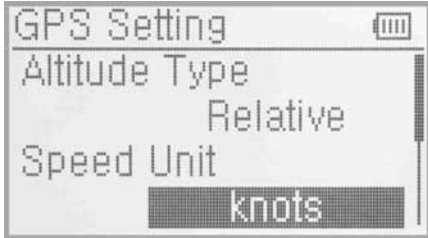
(4.1) Altitude Type

Press UP or DN select the Altitude type on the GPS setting interface and it's including Absolute and relative.

(4.2) Speed Unit

Press UP or DN select the Speed Unit on the GPS setting interface and it's including knots and km/h and relative. Select the desired item.

(4.3) Date Type

Press UP or DN select the of Date Type on the GPS setting interface and it's including DD-MM-YY,MM-DD-YY and YY-MM-DD. Select the desired item.

(4.4) Time Zone

Press UP or DN select the of Time Zone , press R or L to set the desired Time Zone.

(4.3) Date Type   (4.4) Time Zone

3.0 Function Menu

Function Menu can help you custom adjustments for the selected models. The menu includes such items as Reverse Switch, Travel Adjust, Sub Trim, Dual Rate and Exponential, Throttle Hold, Throttle Curve, Mix to Throttle,Gyro Sensor, Governor,Tail Curve, Swash Mix,Pitch Curve, Program Mix, Monitor,Fail Safe, Sensor view, Trainer and Timer.

3.1 Reverse Switch

Press ENT in main interface to enter main menu; Press UP or DN to move the navigation mark to Function Menu. And press ENT to enter Function Menu, Press UP or DN to choose Reverse Switch and Press ENT to enter into Reverse Switch interface.
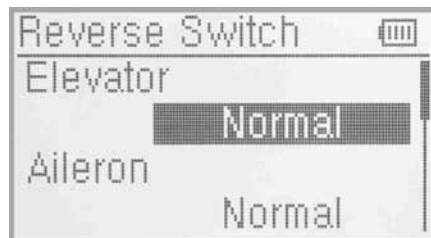
Press UP or DN to move navigation mark to ELE(take Elevator for example),Press R or L to shift the status between nomal and reverse. These are two status for option. And the default setting is Normal. All Channels Reverse Switch like: Aileron, Throttle, Rudder, Gear, Pitch, Aux2, Aux3, Aux4 and Aux5 can be referred to the way of ELE Reverse Switch. And press EXT to exit after setting finished.

3.2 Travel Adjust

Press ENT to enter into main menu. Press UP or DN to move navigation mark to selected item Function menu. Press ENT to enter Function Menu. Press UP or DN to select Travel Ajust, Press ENT to enter Travel Adjust interface, as below illustration. It shows the Travel Adjust status of one channel:

Take ELE for example, Press UP or DN to move navigation to desired item Elevation of U. Press R or L to decrease or increase the servo travel range. The adjustment range is from 0.0% to 150.0%. The factory default is 100.0%.

Press UP or DN to move navigation mark to desired item D of ELE. Press R or L to increase or decrease the servo travel range. The range is from 0.0% to 150.0%. The factory default is 100.0%.

All other channel's Travel Adjust like Aileron, Throttle, Rudder, Gear, Pitch, Aux2, Aux3, Aux4 and Aux5 can be referred to ELE travel Ajust. Press EXT to exit after setting finished.

3.3 Sub Trim

Sub Trim can parellel move the neutral point of the servo. But we advise you to mechanically adjust the servo bell crank if offset is far away from the neutral point of servo, because excessive usage of the sub trim may damage the servo.

Setting method:

Press ENT to enter Main Menu, Press UP or DN to move the navigation mark to desired item Function menu. Press ENT to enter Function menu, Press UP or DN to select Sub trim, and press ENT to enter Sub Trim interface.

The interface shows the items and the channels which are adjustable. Press R or L to change the neutral point of Servos. The factory default is 0.0%. Press UP or DN to choose desired items. The range as below:

| Channel name	Adjustment range	Channel name	Adjustment range
Elevator	D62.5%~U62.5%	Pitch	L62.5%~H62.5%
Aileron	R62.5%~L62.5%	AUX2	-62.5%~+62.5%
Throttle	L62.5%~H62.5%	AUX3	-62.5%~+62.5%
Rudder	R62.5%~L62.5%	AUX4	-62.5%~+62.5%
Gear	-62.5%~+62.5%	AUX5	-62.5%~+62.5%

Press EXT to exit after adjustment 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

Press ENT to enter main menu. Press UP or DN to move navigation mark to desired item Function Menu. Press ENT to enter Function menu, press UP or DN to choose Dual rate and Exponential, Press ENT to enter D/R and Exponential interface.
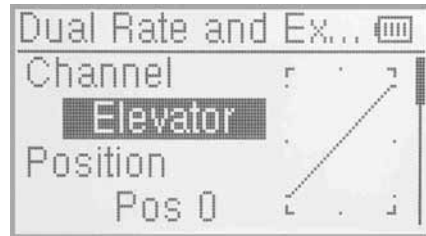
(1) Channel selection

Press UP or DN to move navigation mark of Channel, Press R or L to set up channels containing Elevator, Aileron and Rudder. Choose the desired channel for setting.

(2) Position selection

Press UP or DN to move navigation mark to desired item Position. In the mannual mode, the function of Dual rate and Exponential will be executed by the corresponding D/R switch among Pos0 and Pos1. Take the item Elevator at channel as an example. It's possible to shift between Pos0 and Pos1 via pushing or pulling the D/R switch.

ELEV D/R

(3) Dual rate adjustment

Press UP or DN to move the navigation mark to desired item Dual Rate. It's possible to change the dural rate value of Postion via pressing R or L and the corresponding value curve in the right top of interface will be changed accordingly. The factory default is 100%.

(4) Exponential

Press UP or DN to select Exponential item of navigation mark. It's possible to change Dual Rate and Exponential value in Pos when pressing R or L to change the value. There are $\pm$100% and Line three adjustment. At the same time, the corresponding curve will be changed and shown at the right graph.
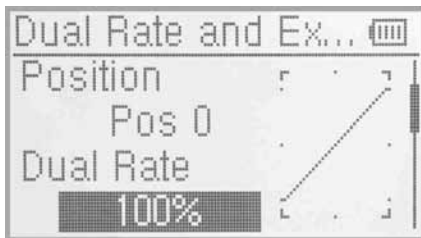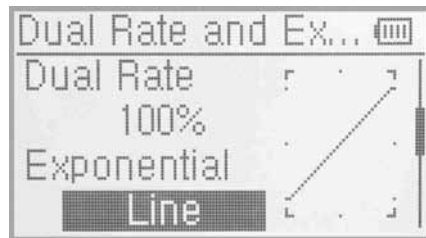
(3) Dual rate adjustment   (4) Exponential

(5) Automatic setting

Under working with Flight Mode, it's possible to switch the dual rate and exponential, which are set in above(3) and (4)Exponential adjustment.

Flight Mode

The setttings for Normal Mode, Stunt1, Stunt2 and throttle hold are available. But Throttle Hold in Function menu should be set as Active(refer to 3.5Throttle Hold below).

(5.1) Normal Flight Mode setting: Press UP or DN in the navigation mark of Dual rate and Exponential to select the desired item Normal Flight. Press R or L to set the position and the Switch. Only the D/R switch control is valid When Switch is selected,under the Flight Mode, it's possible for Pos to switch the dual rate and exponential, which are set in above(3) and (4)Exponential adjustment. The settings for Swtich, Pos0, Pos1, Pos2 and Pos3 are valid.
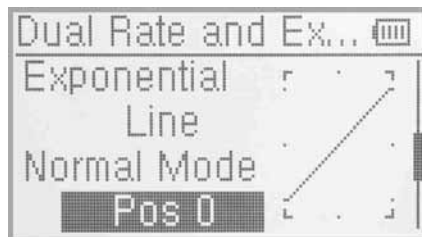
(5.2) The setting for Stunt1, Stunt2 and Throttle Hold can be set up according to above Normal Flight Setting.

Press EXT to exit after finish the setting.

3.5 Throttle Hold

If this function is set, the switch will be exectuted by hold switch. The setting value of throttle hold is ranged from -20.0-50.0%. the default setting is Inhibit.

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 Throttle Hold, Press ENT to enter Throttle Hold interface, as below illustration:

Press R or L to activate Throttle Hold function, and expansion list will be shown as Throttle hold status, throttle hold position and Throttle hold switch.

(1) There are two items under Throttle Hold Status: Active and Inhibit. The factory default setting is Inhibit.

(2) Throttle Hold position

In the Throttle Hold interface, press UP or DN to make the Navigation mark choose "Throttle Hold Position" setting options. Press R or L to change data, the minimum value is -20.0%; the maximum value is +50.0%.

(3) Throttle Switch setting

It's invalid for setting, the factory default is RUDD D/R which will be shown in the status item. When the Throttle Hold switch is on, data under the Throttle Hold can not be amended until Throttle Hold switch to be off, and the hold status is changed.


Press EXT to exit after setting up finished.

3.6 Throttle Curve

Throttle curve are adjusted through seven points, which of all the flight modes can be respectively set. The flight mode includes Normal Flight, Stunt1 and Stunt2.

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 Throttle Curve, Press ENT to enter Throttle Curve interface.Enter Throttle Curve interface, the enquiry dropdown is shown"All servos hold?" If click OK, all the servos will be locked at the current status, if click Cancel, all the servos will be unlocked at the current status.
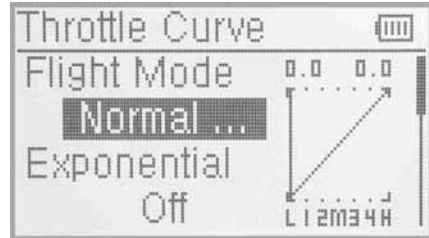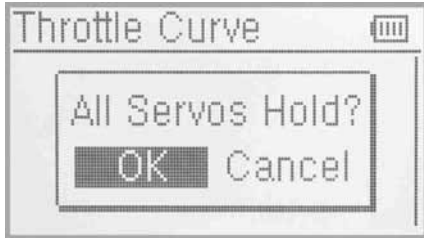

(1) Flight Mode

There are total three flight modes: Normal Flight, Stunt1 and Stunt2. The Curve of which can be respectively set in their corresponding flight mode. The setting method is to press UP or DN to select Flight Mode in Throttle Curve interface. The corresponding flight mode will be shown when the Flight Mode switch shifts via pushing or pulling the Flight Mode Switch. And the exponetial can be adjusted after Flight Mode is selected.

(2) Exponential Adjustment

Press UP or DN in Throttle Curve interface to move navigation mark of exponential curve and press R or L to set the exponential function Off and On. The throttle curve will be changed smoothly if touching ON, or in fold line if clicking OFF.
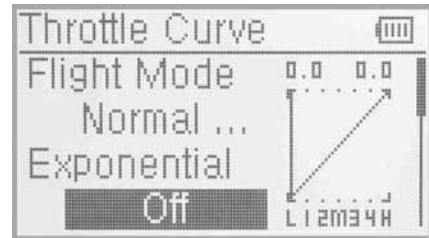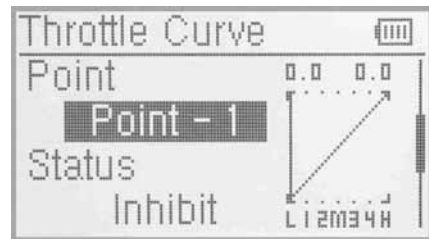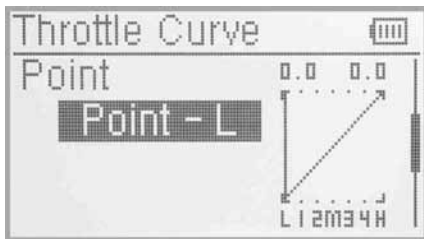

(3) Curve setting

It includes two items: Point and Output.

(3.1) Adjustment for Point

Press UP or DN in Throttle curve interface to move the navigation mark to desired item Point. Press L, an expansion list including "-L" "-1", "-2", "-M", "-3", "-4" and "-H" seven points is shown and can be selected via pressing R or L.
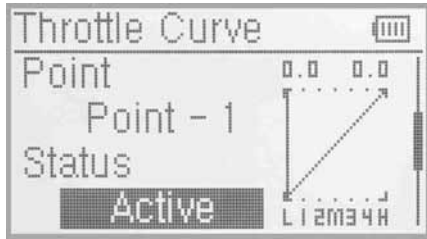

(3.2) Status adjustment

Press UP or DN to move navigation mark to Status and press R or L to choose Inhibit or Activate. Click Inhibit if you don't amend the amount of the selected point. The factory default is Inhibit. Click activate if you want to amend the amount of the selected point.

(3.3) Output adjustment

An expansion list of Output and Hover items will be shown after activate the Status.Press UP or DN to move navigation mark to select Output item. And press R or L to increase or decrease the amount of selected point with a minimum of 0.0% and a maximum of 100.0%.

(3.2) Status adjustment
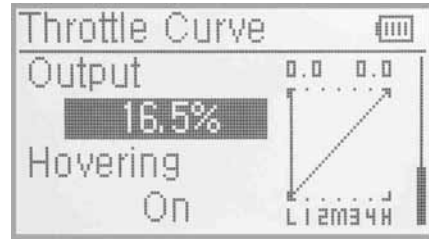
(3.3) Output adjustment

(3.4) Hovering Adjustment

After the setting of (3.3) Output adjustment is finished, it's necessary to set the item of Hovering as On and all the selected points of the throttle curve should be activated if using throttle trim in flight is a must.The five points of 1-2,M,3-4 in the curve will being paralleled or down with the changing of throttle trim. So the throttle curve will being paralleled up or down with the movement of the five points.

Press EXT to exit after finish the setting.

3.7 Mix to throttle

This Function can keep the main rotor blades running at the certain revolution caused by the changed load when operation the aileron servo, elevator servo and rudder servo. Generaly, it's not advised to use he function.

Setting method:

Press ENT to enter Main menu in the main interface. Press UP or DN to move navigation mark to select Function Menu. Press ENT to enter function menu. Press UP or DN to select Mix to Throttle. And press ENT to enter Mix to throttle interface as in below illustration.
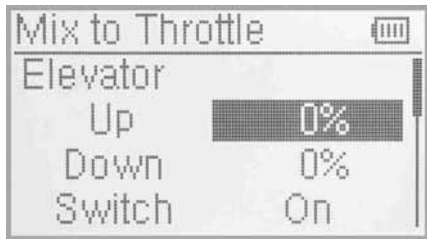
There are three settings: elevator, aileron and rudder. If the item of Channel is shown as Elevator, there are UP, DOWN and Switch in the interface. If the item of Channel is Aileron or Rudder, the contents in the said interface will be changed into Left, Right and Switch. Take the example of Channel set as Elevator to illustrate the setting method.

(1) Up setting

In the Mix to throttle interface, press UP or DN to move the navigation mark to select UP item. Press R or L to increase or decrease the mix amount when moving the throttle stick upwards.The bigger the amount is, the bigger the mix to throttle will be. Click the left mark and change the amount from "+" to "-" for the throttle mix direction Reversing. The adjustable range is ±125%.

(2) Down setting

In the interface of Mix to Throttle, press UP or DN to move the navigation mark to select UP item. Press R or L to increase or decrease, respectively, the mix amount when moving the throttle stick downwards. The bigger the amount is the bigger the mix to throttle will become. Click the left mark and change the amount from "+" to "-" for the throttle mix direction Reversing. The adjustable range is ±125%.

(3) Switch Selection

In the interface of Mix to Throttle, press UP or DN to move navigation mark to select Switch item. Press R or L, an expansion list of Always on, Normal Mode, Stunt1, Stunt2 and Gear is shown. After setting finished, Aileron or Rudder can be set via pressing DN.

(4) The setting of Aileron or Rudder, and Mix to Throttle can be referred to Elevator setting. Press EXT after setting finished.

Notes:

(1) Before the flight, please confirm: All above amount of mix to throttle is proper enough to offer a good flight. And make sure all the actions in different flight mode are normal.

(2) The function is in spare when governor is working.

3.8 Gyro Sensor

This function supply the GYRO sensitivity adjustment,both through switch 'D/R' to Manual and "flight mode"Automatic switch different sensitivity.

Setting method:

Press "ENT" into "main menu"in the interface;press "UP/DN" to choose "functional menu".Press "ENT" into "functional menu";press "UP/DN" to choose "Gyro Sensor", then press "ENT" into "Gyro Sensor" interface.

(1) Manual Setting

(1.1) Manual Setting

In the Gyro Sensor interface,press UP/DN to choose "mode"project set,press R/L to selectable set ("Manual set" and "Automatic set").Then choose "Manual" option.

(1.2) Channel

The original channel is "AUX2",if you want to change to other channels control,you can choose from "Output"set.(refer to "2.1 Output").

(1.3) Switch choose

In the Gyro Sensor interface,press UP/DN to choose "SWITCH "project set,press R/L to selectable sets "FMOD SW",MIX SW,ELEV D/R,AILE D/R,RUDD D/R,GEAR SW ,totally 6 selectable sets.Choose the Manual control switch.

(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) position 0

Turn the choosed GYRO Control Switch,make the status display present switch status "position 0" .Press UP/DN to choose "position 0",press R/L to increase/decrease value individually.If the GYRO have "NOR"mode and "AVCS" mode,when the value lower than 50%,it is "NOR"mode.the lower of the value is ,the bigger of the GYRO sensitivity becomes. The factory default value is 50%.

(1.4.2) "position 1"," position 2" are the same setting way as above "position 0".

(2) Automatic setting

(2.1) Automatic Setting

In the Gyro Sensor interface,press UP/DN to choose "mode"project set,press R/L to selectable sets ("Manual set" and "Automatic set").Then choose "Automatic" option.

(2.2) Channel

The original channel is "AUX2",if you want to change to other channels control,you can choose from "output"set.(refer to "2.11 output").

(2.3) Switch:there is no use in the Automatic Setting.

(2.4) Status

Turn the Switch "flight mode"or "Throttle hold",the status set display present flight mode position.There are "Normal Mode","Stunt 1","Stunt 2","throttle hold" sets. "Throttle hold" need to start that can effect.(refer to "3.5 throttle hold")