

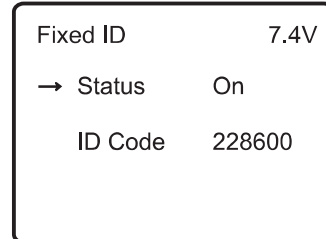
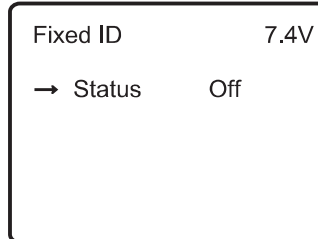
2.11 Fixed ID

Using the Fixed ID function allows users to create a unique relationship between transmitter model data and the corresponding model's receiver. It significantly speeds up the binding process and also prevents mistakenly flying an aircraft with the incorrect transmitter model selected.

(1) Fixed ID setup

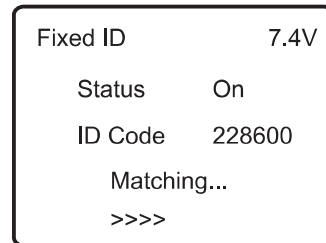
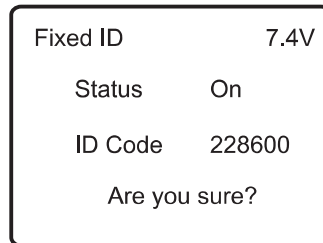
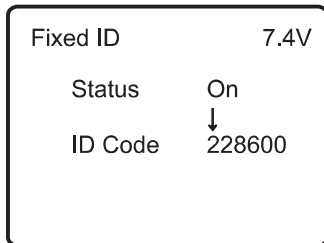
To start the Fixed ID setup it is important that the transmitter and receiver have successfully completed automatic ID binding process. Once the transmitter and receiver are paired a Fixed ID can be set as described below:

Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to Model Menu, press ENT to Model Menu; Press UP or DN to move the cursor→to point to Fixed ID, press ENT to the Fixed ID setting interface.



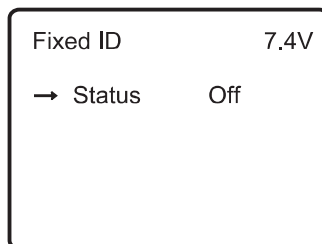
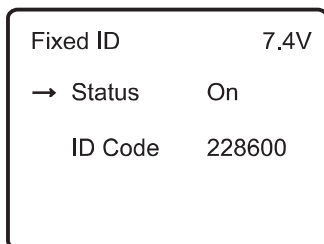
Press R+ or L- to set Status ON, and there is a Random Fixed ID display on the screen. Press DN to move the cursor → to point to ID Code, press ENT to move the cursor → to point to the first code of the Fixed ID.

Press R+ or L- to change the Code; Press DN to move to next Code. Press ENT after finished setting, there is an inquiry "Are you sure?". Press ENT to confirm and execute the binding process. After finished binding the display will return to the Model Menu automatically.



(2) Fixed ID Cancellation

Before the receiver electrify, press and ctrl the ID clear button, add a 5V Power source to other input terminal, if the Red indicator is twinkle slowly which means cleared ID memory already, then, Loosen the ID clear button.



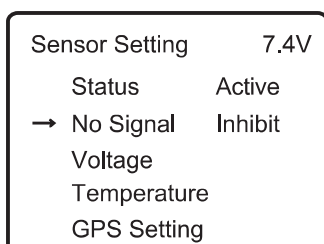
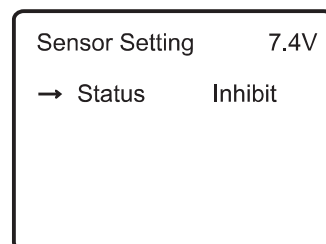
Refer to the instructions of Fixed ID setting above to the following interface. Press UP to move the cursor → to point to Status ON.

When Fixed ID Status ON, press R+ or L- to change ON to OFF. Press EXT to exit.

2.12 Sensor Setting

Setting method: Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to Model Menu, press ENT to Model Menu; Press UP or DN to move the cursor→to point to Sensor Setting, press ENT to Sensor setting interface.

Press R or L to 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

Press UP or DN to move the cursor→to point to No Signal option. 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. See the left illustration:

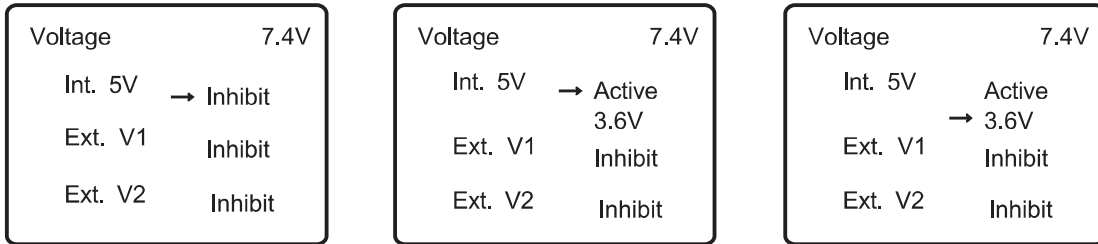
(2) Voltage

There are 3 different types of voltage can be measured. It includes Internal 5V, External V1 and V2 which can be monitored 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 DN to move the cursor→to point to Voltage option on the Sensor setting interface. Then press ENT to enter the voltage setting interface. Press UP or DN to move the cursor→to point to Int.5V option.

Press R or L to activate the 5V, the alarm interface will appear in the interface, please refer to the illustration.

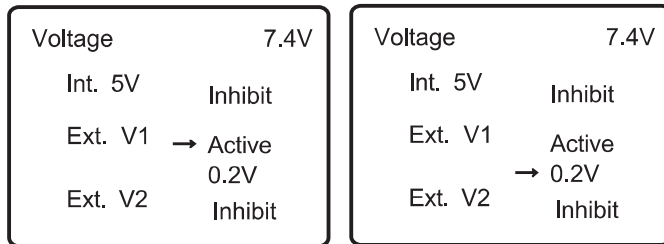


Press UP or DN to select the Alarm Voltage setting option, press R or L to set the value. The range is 3.6-6V. You can continue to set other items after you finished.

(2.2) V1 External V1

Press UP or DN to move the cursor→to point to External V1 setting option. Press R or L to activate the V1, the details refers to the illustration.

Press UP or DN to move the cursor→to point to 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 other items after you finished.

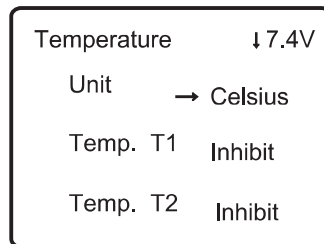


(2.3) External: V2 setting can refer to External V1 setting. Press EXT to back to sensor setting interface to set other options.

(3) Temperature sensor

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

Temperature Setting: In the Sensor Setting interface, press UP or DN to move the cursor→to point to Temperature Sensor setting option, and press ENT to Temperature setting interface. See the illustration.

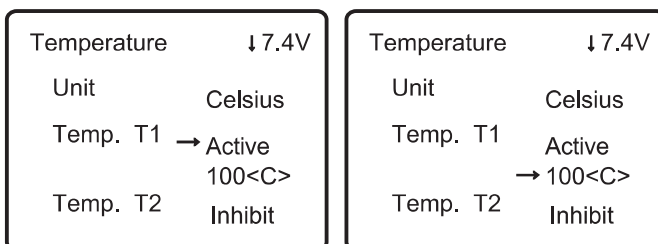


(3.1) Unit

Press UP or DN to move the cursor→to point to Unit setting option, and press R or L to choose Unit, two kinds of Unit: Celsius and Fahrenheit.

(3.2) Alarm Temperature settings

Press UP or DN to move the cursor→to point to T1 option, Press R or L to 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 to move the cursor→to point to Alarm setting, press R or L to set the alarm temperature value. Press UP or DN to set other items after finishing the setting.

T2,T3,T4 setting: Refer to the step of "T1".

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(4) GPS Setting

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

Setting: Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to Model Menu, press ENT to Model Menu; Press UP or DN to move the cursor→to point to Sensor Setting, press ENT to Sensor setting interface; Press UP or DN to move the cursor→to point to GPS Setting, press ENT to GPS setting interface.

GPS Setting	7.4V
→ High Type	Absolute
Speed Unit	Knots
Date Type	DD-MM-YY
Time Zone	UTC 08:00

(4.1) High Type

Press UP or DN to select the High type on the GPS setting interface and there are Absolute and Relative two type.

GPS Setting	7.4V
→ High Type	Absolute
Speed Unit	Knots
Date Type	DD-MM-YY
Time Zone	UTC 08:00

GPS Setting	7.4V
High Type	Absolute
→ Speed Unit	Knots
Date Type	DD-MM-YY
Time Zone	UTC 08:00

(4.2) Speed Unit

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

(4.3) Date Type

Press UP or DN to select the Date Type on the GPS setting interface and it includes DD-MM-YY, MM-DD-YY and YY-MM-DD. Select the desired item.

GPS Setting	7.4V
High Type	Absolute
Speed Unit	Knots
→ Date Type	DD-MM-YY
Time Zone	UTC 08:00

GPS Setting	7.4V
High Type	Absolute
Speed Unit	Knots
Date Type	DD-MM-YY
→ Time Zone	UTC 08:00

(4.4) Time Zone

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

3.0 Function Menu

The Function Menu allows you to customize the settings for your saved models. This menu includes the following: Channel Reverse Switch, Travel Adjust, Sub Trim, Dual Rate and Exponential, Throttle Curve, Differential, Balance, Aileron to Rudder Mix, Rudd to Aile/Elevator Mix, Program Mix, Monitor, Fail Safe, Sensor View, Trainer and Timer.

3.1 Reverse Switch

Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to Function Menu, press ENT to Function Menu; Press UP or DN to move the cursor→to point to Reverse Switch, press ENT to Reverse Switch setting interface.

Press UP or DN to move the cursor→to point to ELEV(take Elevator for example), Press R or L to shift the status between normal and reverse. These are two status for option. And the default setting is Normal. All Channels Reverse Switch like: Aileron, Throttle, Rudder can be referred to the way of ELEV Reverse Switch. And press EXT to exit after setting finished.

Reverse Switch	7.4V
→ Elevator	Normal
Aileron	Normal
Throttle	Normal
Rudder	Normal

3.2 Travel Adjust

Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to Function Menu, press ENT to Function Menu; Press UP or DN to move the cursor→to point to Travel Adjust, press ENT to Travel Adjust setting interface. The interface display a channel's servo travel value status.

Travel Adjust	↓7.4V
Elevator	→ U100.0
	D100.0
Aileron	L100.0
	R100.0
Throttle	H100.0
	L100.0

Travel Adjust	↓7.4V
Elevator	U100.0
	→ D100.0
Aileron	L100.0
	R100.0
Throttle	H100.0
	L100.0

Press UP or DN to move the cursor→to point to "Elevator's U" setting (ELEV is used in the example), press R+ or L- key, can set the travel value while the Elevator towards up. The adjustment range :0.0-150.0%. Factory default setting: 100.0%.

Press UP or DN to move the cursor→to point to “Elevator's D” setting, press R+ or L- key, can set the travel value while the Elevator towards down. The adjustment range :0.0-150.0%. Factory default setting: 100.0%. The settings for all channels, Aileron, Throttle, Rudder can all be set using this process. Press EXT to exit.

3.3 Sub Trim

NOTE: Sub Trim is used to fine tune the servo neutral position during setup. In order to avoid pushing the servo beyond it's limits and possibly causing damage it is advised to first mechanically adjust the servo arm/bell crank to be as close to the neutral point as possible. Only when this is complete may sub trim be used to make a final adjustment.

Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to Function Menu, press ENT to Function Menu; Press UP or DN to move the cursor→to point to Sub Trim, press ENT to Sub Trim setting interface.

The interface display a adjustable channel's name and adjustable data project. Press R+ or L- can adjust the fine tune the servo neutral position. Press UP or DN can select the channel you wish to set. Every Channel default setting value is 0.0%. The adjustment ranges are as below:

Sub Trim	7.4V
→ Elevator	0.0
Aileron	0.0
Throttle	0.0
Rudder	0.0

Channel name	Adjustment range	Channel name	Adjustment range
Elevator	D62.5% ~ U62.5%	Throttle	L62.5% ~ H62.5%
Aileron	R62.5% ~ L62.5%	Rudder	R62.5% ~ L62.5%

Press EXT to exit.

3.4 Dual Rate and Exponential

This function can be setting the amount of action for Elevator, Aileron, Tail Servo. The setting range is 0-125%. It can assist and adjust to fit with Exponent Curve and various settings.

Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to Function Menu, press ENT to Function Menu; Press UP or DN to move the cursor→to point to Dual Rate and Exponential, press ENT to Dual Rate and Exponential setting interface.

Dual Rate and...	↓ 7.4V
	Pos 0
→ Channel	Elevator
Position	Pos 0
Dual Rate	100

(1) Channel

Press UP or DN to move the cursor→to point to Channel setting, press R+ or L- key, can set the Channel as follows : ELEV, AILE and RUDD ect.

(2) Position

Press UP or DN to move the cursor→to point to Position setting item, with “Pos 0, Pos 1” two potions. For example, the “Elevator” of “Channel”, if select the “Pos 0” which means the setting parameter of “Pos 0”. If select “Pos 1” which means the setting parameter of Pos 1.

Dual Rate and...	↓ 7.4V
	Pos 0
Channel	Elevator
→ Position	Pos 0
Dual Rate	100

(3) Dual Rate

Press UP or DN to move the cursor→to point to Dual Rate setting, press R+ or L- key, can set the “Position” dual rate value. The default setting is 100%.

Dual Rate and...	↓ 7.4V
	Pos 0
Channel	Elevator
Position	Pos 0
→ Dual Rate	100

Dual Rate and...	↑ 7.4V
	Pos 0
Position	Pos 0
Dual Rate	100
→ Exponential	Line

(4) Exponential

Press UP or DN to move the cursor→to point to Exponential setting, press R+ or L- key, can set the “Position” Exponential value. there are ±100% and LINE three settings available.

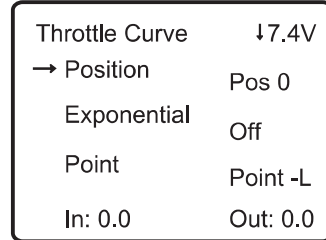
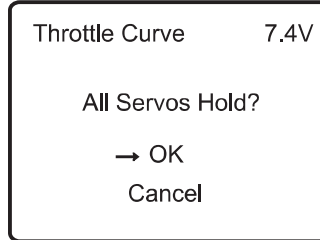
Press EXT to exit.

3.5 Throttle Curve

Throttle Curve are adjusted through 7 points.

Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to Function Menu, press ENT to Function Menu; Press UP or DN to move the cursor→to point to Throttle Curve, press ENT to Throttle Curve setting interface.

The interface of Throttle Curve will pop up "All servos Hold?" inquire, if you choose "OK" every servo will hold at current position, if you choose "Cancel" every servo won't be hold.

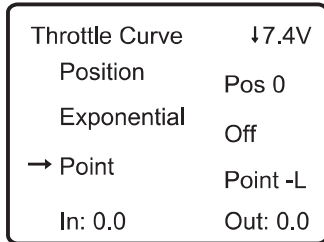
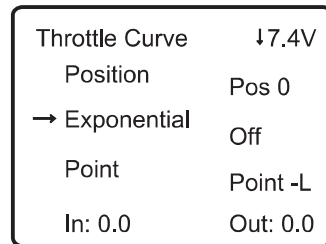


(1) Position selection

Press UP or DN to move the cursor→to point to Position setting item, with "Pos 0, Pos 1" two options. If select the "Pos 0" which means ordered curve parameters of "Pos 0". Also, select "Pos 1" is the same means.

(2) Exponential curve setting

Press UP or DN to move the cursor→to point to "Exponential" setting. Press R or L can set ON and OFF. The throttle curve will be changed smoothly if select ON. Select OFF if not need then the throttle curve will be shown as a line. See the right illustration:



(3) Curve setting:
Including "Point" and "Output"

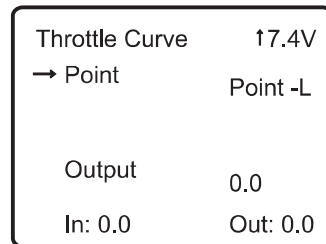
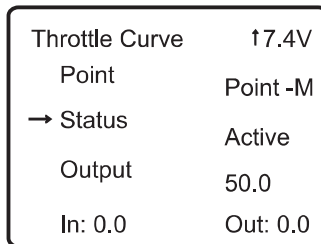
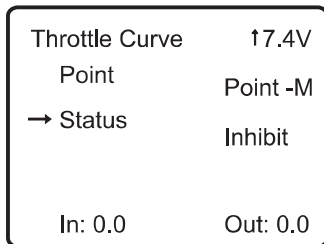
(3.1) Point setting

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".

(3.2) Status setting

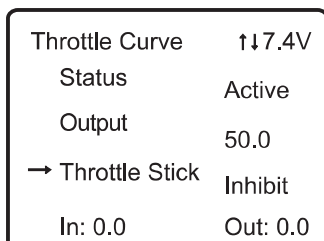
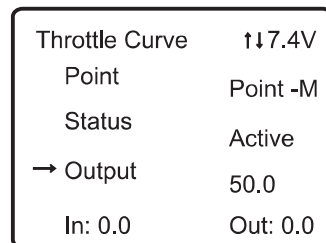
After above setup, press DN to select Status setting, press R+ or L- to set Inhibit or Active. Select Inhibit if keeping the current value (the default setting is Inhibit). Select Active for changing the above points' value.

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 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%. "IN" and "Out" means throttle stick input and output level.



(4) Throttle Stick setting

The switch between Pos 0 and Pos 1 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 setting: Press UP or DN to move the cursor→to point to 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%.

(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 move the cursor→to point to “Switch”. Press ENT to enter into Switch selection interface, press UP or DN to move the cursor→to point to the 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 should be chosen, whose left side should be changed into “1” from “0”. Press EXT after finished it.

Throttle Curve	↑ 7.4V	Switch	7.4V
Output	50.0	→ 0 And	
Throttle Stick	Inhibit	0 SPS0 SW	
→ Switch	Pos 0	0 SPS1 SW	
In: 0.0	Out: 0.0	0 SPS2 SW	
		0 SPS3 SW	

Attention: The Stick switch is needed, find out 2.8 Stick Position Switch and start using, otherwise, cannot enter into this function.

3.6 Differential

If want to use this function, Delta should be previously selected in Wing Type of Model Menu. Refer to “2.9 Wing Type”.

(1) Aileron differential setting

Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to Function Menu, press ENT to Function Menu; Press UP or DN to move the cursor→to point to Differential, press ENT to Differential setting interface. See the right Illustration:

Differential	↓ 7.4V
→ Channel	Aileron
Pos 0	0
Pos 1	0

Mounting servos in left and right ailerons are a necessary if using this function. The following interface will be shown after Delta selected in Wing Type. Refer to “2.9 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 move the cursor→to point to Pos 0, press R or L to increase or decrease differential value, respectively. The adjustable range is ± 100%.

Differential	↓ 7.4V
Channel	Aileron
→ Pos 0	0
Pos 1	0

Differential	↓ 7.4V
Channel	Aileron
Pos 0	0
→ Pos 1	0

(1.3) Setting for Pos 1

Press UP or DN to move the cursor→to point to Pos1, press R or L to increase or decrease differential value, respectively. The adjustable range is ± 100%.

(1.4) Switch selection

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

Press UP or DN to move the cursor→to point to Switch, press ENT to enter interface of Switch selection,

Press UP or DN to move the cursor→to point to 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.

Differential	↑ 7.4V	Switch	7.4V
Pos 0	0	→ 0 And	
Pos 1	0	0 SPS0 SW	
→ Switch	Pos 0	0 SPS1 SW	
		0 SPS2 SW	
		0 SPS3 SW	

Attention: The Stick switch is needed, find out 2.8 Stick Position Switch and start using, otherwise, cannot enter into this function.

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(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”. On the interface of Differential, press UP or DN to move the cursor→to point to Channel, the Channel item will show the present setted channel is “Rudder”. The system default is not available to set up.

Differential	↓7.4V
→ Channel	Rudder
Pos 0	0
Pos 1	0

(2.1) Setting for Pos 0

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

Differential	↓7.4V
Channel	Rudder
→ Pos 0	0
Pos 1	0

Differential	↓7.4V
Channel	Rudder
Pos 0	0
→ Pos 1	0

(2.2) Setting for Pos 1

Press UP or DN to move the cursor→to point to Pos1, press R or L to increase or decrease differential value, respectively. The adjustable range is ± 100%.

(2.3) Switch selection

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

Press UP or DN to move the cursor→to point to Switch, press ENT to enter interface of Switch selection, Press UP or DN to move the cursor→to point to 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.

Differential	↑7.4V
Pos 0	0
Pos 1	0
→ Switch	Pos 0

Switch	7.4V
→ 0 And	
0 SPS0 SW	
0 SPS1 SW	
0 SPS2 SW	
0 SPS3 SW	

Attention: The Stick switch is needed, find out 2.8 Stick Position Switch and start using, otherwise, cannot enter into this function.

3.7 Balance

This function can make the two-channel output parameters of two seros are adjustable. When the function is using, make to sure the “Delta” or “V-Tail” is effective. Refer to “2.9 Wing Type”

Setting method:

Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to Function Menu, press ENT to Function Menu; Press UP or DN to move the cursor→to point to Balance, press ENT to Balance setting interface. See Illustration:

(1) Channel

The channel item will show the present setted channel is “Aileron”. The system default is not available to set up.

Balance	↓7.4V
Channel	→ Aileron
Point < Right	0
Point - Right	Inhibit

(2) Point parameter adjustment

Point< Right Setting: Press UP or DN to move the cursor→to point to “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%.

Balance	↓7.4V
Channel	Aileron
Point < Right	→ 0
Point - Right	Inhibit

Point-Right Setting: Press UP or DN to move the cursor→to point to “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 move the cursor→to point to “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%.

Balance	↓7.4V
Channel	Aileron
Point < Right	0
Point - Right	→ Inhibit

Balance	↓7.4V
Channel	Aileron
Point < Right	0
Point - Right	→ Active
	0

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.

3.8 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 to the Main Menu. Press UP or DN to move the cursor→to point to Function Menu, press ENT to Function Menu; Press UP or DN to move the cursor→to point to Aileron to Rudder Mix, press ENT to Aileron to Rudder Mix setting interface. See Illustration:

Aileron to Ru...	↓7.4V
→ Pos 0 Left	0
Pos 0 Right	0
Pos 1 Left	0

(1) Pos 0 Setting leftward setting

Press UP or DN to move the cursor→to point to 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 ±125%.

(2) Pos 0 Setting rightward setting

Press UP or DN to move the cursor→to point to 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 ±125%.

(3) Pos 1 setting, reference Pos 0 setting.

(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 to move the cursor→to point to "Throttle Stick" setting, press R or L to change the value or inhabit. The Throttle Stick position can be set when changing the value. The default setting is "Inhabit". The adjustable range is from 0.0% to 100.0%

Aileron to Ru...	↑↓7.4V
Pos 1 Left	0
Pos 1 Right	0
→ Throttle Stick	Inhibit

(5) Switch setting

Press UP or DN to move the cursor→to point to Switch, press ENT to enter interface of Switch selection,

Press UP or DN to move the cursor→to point to 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.

Aileron to Ru...	↑7.4V
Pos 1 Right	0
Throttle Stick	Inhibit
→ Switch	Pos 0

Switch	7.4V
→ 0 And	
0 SPS0 SW	
0 SPS1 SW	
0 SPS2 SW	
0 SPS3 SW	

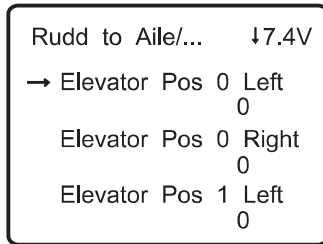
Attention: The Stick switch is needed, find out 2.8 Stick Position Switch and start using, otherwise, cannot enter into this function.

3.9 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 the Main Menu. Press UP or DN to move the cursor→to point to Function Menu, press ENT to Function Menu; Press UP or DN to move the cursor→to point to Rudd to Aile/Elev Mix, press ENT to Rudd to Aile/Elev Mix setting interface. See Illustration:



(1) Elevator setting

(1.1) Elevator Pos 0 Leftward setting

Press UP or DN to move the cursor→to point to “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 ±125%.

(1.2) Elevator Pos 0 Rightward setting

Press UP or DN to move the cursor→to point to “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 ±125%.

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

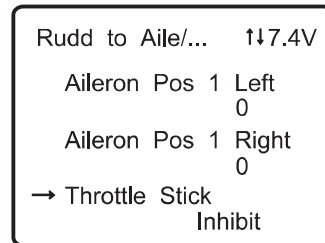
(2) Aileron setting

(2.1) Pos 0 setting: refer to “Elevator Pos 0” setting.

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

(3) Throttle stick setting

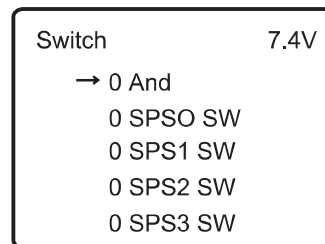
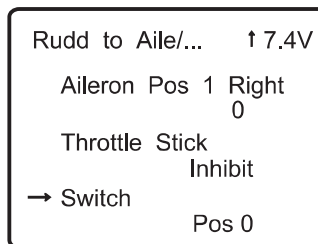
The switch between Pos 0 and Pos 1 can be realized by setting the position of throttle stick. Press UP or DN to move the cursor→to point to “Throttle Stick” setting, press R or L to change the value or inhabit. The Throttle Stick position can be set when changing the value. The default setting is “Inhibit”. 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 move the cursor→to point to Switch, press ENT to enter interface of Switch selection, Press UP or DN to move the cursor→to point to 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.



Attention: The Stick switch is needed, find out 2.8 Stick Position Switch and start using, otherwise, cannot enter into this function.

3.10 Program Mix

There are 8 series of program mix, mix channels and values are adjustable.

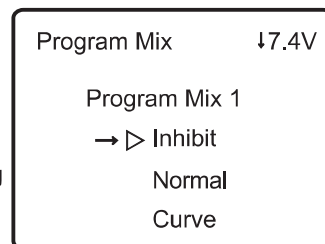
Setting Method:

Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to Function Menu, press ENT to Function Menu; Press UP or DN to move the cursor→to point to Program, press ENT to Program setting interface.

See Illustration:

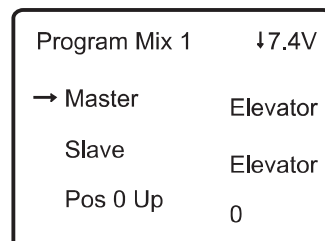
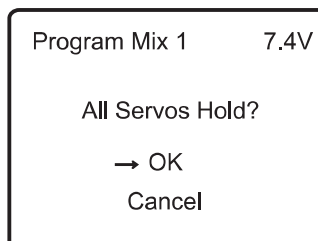
And press ENT to program mix setting and current status (default setting is “inhibit”) interface. Press R+ or L- to choose inhibited, normal or curve.

Take “program mix 1” for example, there are “normal” and “curve” setting.



(1) The “normal” setting of “program mix”

Press UP or DN to move the cursor→to point to the “Normal” setting, Press ENT button then pop up “All Servos Hold?” Press R or L to choose OK or Cancel. If “OK” selected, all the servos will be locked in the current status, if “Cancel” selected, all servos are unlocked. Press ENT enter to Program Mix 1 setting interface.



Master	↓7.4V
→▷ Elevator	
Aileron	
Throttle	
Rudder	
↕ Elevator	

(1.1) Master channel setting

Press UP or DN to move the cursor→to point to Master Channel setting, press ENT to the Master Channel setting interface. Press UP or DN to move the cursor→to point to the desired Master Channel, press ENT to confirm and press EXT to be back to Program Mix 1 interface.

(1.2) Slave channel setting:

Press UP or DN to move the cursor→to point to Slave Channel setting, press ENT to the Slave Channel setting interface. Press UP or DN to move the cursor→to point to the desired Slave Channel, press ENT to confirm and press EXT to be back to Program Mix 1 interface.

Slave	7.4V
→▷ Elevator	
Aileron	
Throttle	
Rudder	

(1.3) Gain setting: Take Elevator at Master as an example.

(1.3.1) Pos 0 UP

Mix amount setting when elevator stick moved upward. Press UP or DN to move the cursor→to point to Pos 0 UP setting. Press R or L to increase or decrease the mix amount separately. It is possible to reverse mix direction through changing the "+" or "-" sign before amount. The adjustable range is ±125%.

Program Mix 1	↑↓7.4V
→ Pos 0 UP	0
Pos 0 Down	0
Pos 1 UP	0

Program Mix 1	↑↓7.4V
Pos 0 UP	0
→ Pos 0 Down	0
Pos 1 UP	0

(1.3.2) Pos 0 Down

Mix amount setting when elevator stick moved downward. Press UP or DN to move the cursor→to point to Pos 0 Down setting. Press R or L to increase or decrease the mix amount separately. It is possible to reverse mix direction through changing the "+" or "-" sign before amount. The adjustable range is ±125%.

(1.3.3) Pos 1 setting: Please refer to "Pos 0 setting".

(1.3.4) Offset Setting

This function can make Slave begin to mix through the corresponding Lever switch from a certain point as the starting point.

Press UP or DN to move the cursor→to point to Offset setting, Press R+ to increase the mix amount and press L- to decrease. It is possible to reverse Offset direction by pressing R or L button to change the "+" or "-" sign before amount. The adjustable range is ±100%.

Program Mix 1	↑7.4V
Offset	0
→ Throttle Stick	Inhibit
Switch	Pos 0

(1.4) Throttle stick setting

Press UP or DN to move the cursor→to point to "Throttle Stick" setting, press R or L to change the value or inhibit. The Throttle Stick position can be set when changing the value. The default setting is "Inhibit". The adjustable range is from 0.0% to 100.0%

Program Mix 1	↑7.4V
→ Offset	0
Throttle Stick	Inhibit
Switch	Pos 0

(1.5) Switch setting

The switch will display the current switch position. Press UP or DN to move the cursor→to point to Switch, press ENT to enter interface of Switch selection; Press UP or DN to move the cursor→to point to 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".

Program Mix 1	↑7.4V
Offset	0
Throttle Stick	Inhibit
→ Switch	Pos 0

Switch	7.4V
→ 0 And	
0 SPS0 SW	
0 SPS1 SW	
0 SPS2 SW	
0 SPS3 SW	

After finished, press EXT to return to Program Mix interface and set other items or Press EXT again to exit.

Attention: The Stick switch is needed, find out 2.8 Stick Position Switch and start using, otherwise, cannot enter into this function.