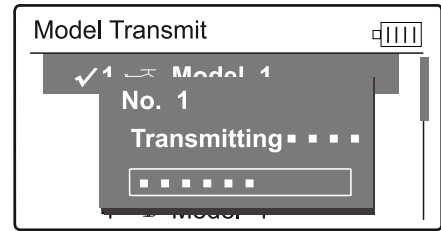deVention
DEVO 12E

Press ENT to transmit, "Transmitting ……" appears in the interface. Or press EXT to exit.Press EXT to exit after another DEVO 12E received the data.

Model Transmit
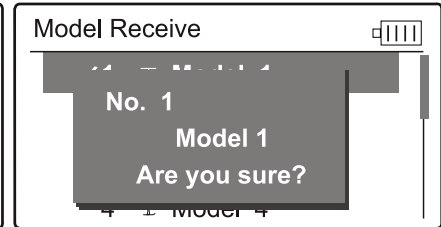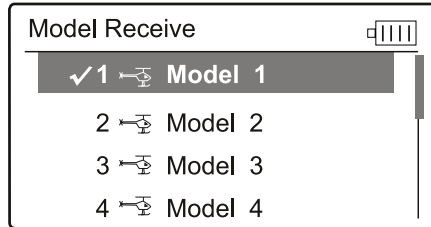✓1 ⤳ Model 1
No. 1
Transmitting ▪ ▪ ▪ ▪
▪ ▪ ▪ ▪ ▪ ▪

(2) Model receiving

Press ENT to enter Main Menu and press UP or DN to select Model Menu. Press ENT to get Model Menu and press UP or DN to select Model Receiving, continue to press ENT to enter Model Receive setting interface. An enquiry information "Are you sure?" will be shown as below Illustration.

Model Receive
Model Receive
Are you sure?

Model Receive
Connecting ▪ ▪ ▪ ▪
▪ ▪ ▪ ▪ ▪ ▪
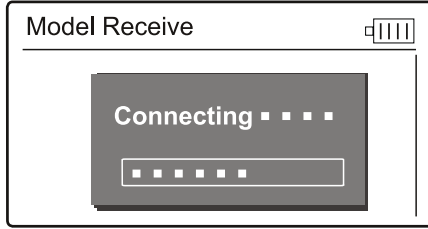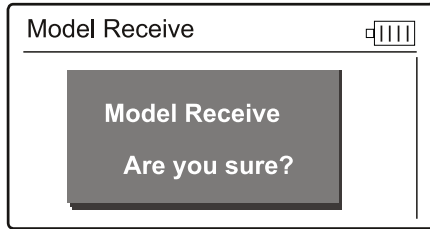
Press ENT to receive, "Connecting ……" and "Receiving ……" will be shown in series in the interface. The information of "Received" with the model name will be shown after receiving is finished. Or press EXT to exit.

Press UP or DN to choose the save position, an enquiry information "Are you sure?" is shown after press ENT. Press ENT to save or press EXT to exit.

Model Receive
✓1 ⤳ Model 1
2 ⤳ Model 2
3 ⤳ Model 3
4 ⤳ Model 4

Model Receive
No. 1
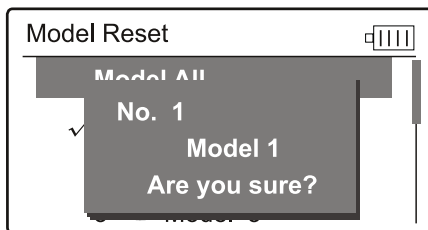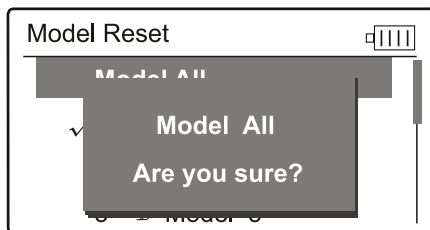Model 1
Are you sure?

2.5 Model reset

All the model data can be restored to factory settings via Model Reset.

Press the ENT to enter Main Menu and press UP or DN to select Model Menu. Press ENT to get Model Menu and press UP or DN to select Model Reset, press ENT to enter Model Reset setting interface.

It is possible to store up to 30 models data in the model list of DEVO 12E equipment. There are two methods to reset the model data: batch reset and single reset.

Model Reset
Model All
✓1 ⤳ Model 1
2 ⤳ Model 2
3 ⤳ Model 3
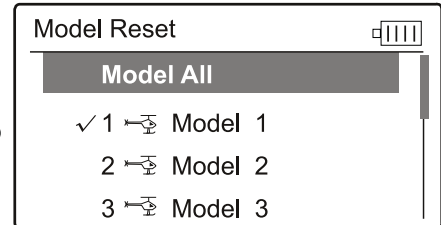
Batch reset: press UP or DN to select All Models, an enquiry information"are you sure?" will be appears in the interface. Press ENT to reset all models, or press EXT to exit.

Model Reset
Model All
Model All
Are you sure?

Model Reset
Model All
No. 1
Model 1
Are you sure?

Single reset: Press UP or DN to choose the model you want to restore, "Are you sure?" will appear after press ENT. Press ENT to reset or press EXT to exit.

2.6 Type Select

This device offersthree model types menu. They are Helicopter, Airplane and Glider respectively.

Press ENT to enter Main Menu and press UP or DN to select Model Menu. Press ENT to enter and press UP or DN to select Type Select and press ENT to enter setting interface.

Press "ENT" button to get Helicopter, Airplane and Glider selections and press UP or DN to select and press ENT to confirm, then press EXT to exit.

Type Select
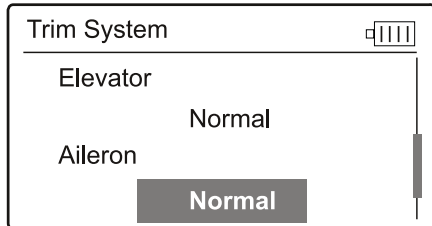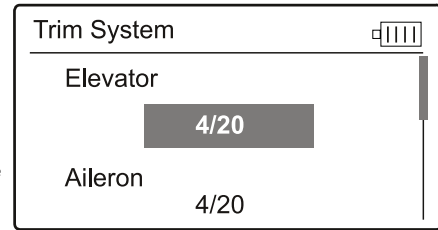✓Helicopter
Airplane. . .
Glider
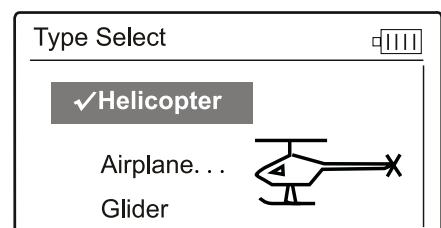
2.7 Trim System

Trim System is able to finely tune the following six items, respectively: Elevator, Aileron, Rudder, Throttle, Left Trim and Right Trim. The trim range is divided into 20 grades (factory default is set at 4). It is convenient to subtly modify the pitch by adjusting the trim range.

Press ENT to enter Main Menu and press UP or DN to select Model Menu. Press ENT to enter and press UP or DN to select Trim System, press ENT to enter setting interface.

Press UP or DN to select the trim which will set, press R to increase the trim value and press L to decrease.

```
Trim System            ⊲|||||
   Elevator
                4/20
   Aileron
                4/20
```

```
Trim System            ⊲|||||
   Elevator
                Normal
   Aileron
            Normal
```

For elevator, aileron, and rudder, there are two more options: Normal and Limited, press R or L you can change the setup. "Normal" means the trim is always working although the corresponding stick stays anywhere. "Limited" means the trim is out of working when the corresponding stick is at maximum position.

Press EXT to exit after finished.

2.8 Stick Position Switch

According to the following setting, the switch can be used as a switch. The turn-on or turn-off position at which stick stays can also be settable.
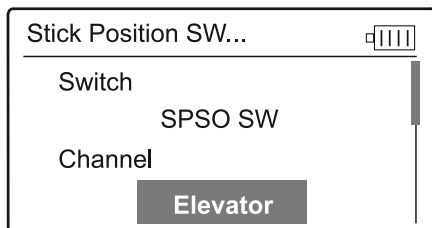
Method for setting:

Press the ENT to enter Main Menu and press UP or DN to select Model Menu. Press ENT to get Model Menu and press UP or DN to select Stick Position Switch, press ENT to enter Stick Position Switch setting interface.

There are four options under the Stick postion switch: SPS0, SPS1, SPS2,SPS3. Press R or L to choose the switch you want to define.

```
Stick Position SW...       ⊲|||||
   Switch
            SPS0 SW
   Channel
                Inhibit
```
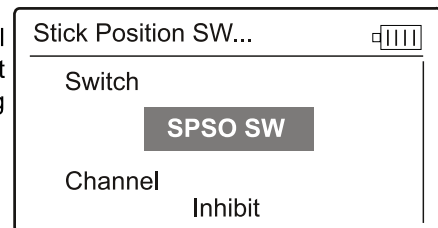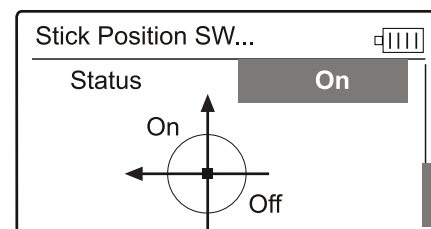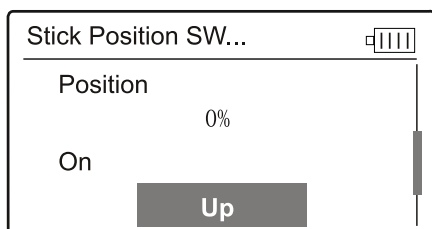
Press UP or DN to inhibit channel in navigation mark, and press R to expand the menu.The channel includes four items: Elevator, Aileron, Throttle and Rudder. The factory default is Inhibit. Take Elevator for example.

```
Stick Position SW...       ⊲|||||
   Switch
            SPS0 SW
   Channel
            Elevator
```

```
Stick Position SW...       ⊲|||||
   Position
                0%
   On
                Up
```

Press R or L to choose the Elevator as stick, then Press UP or DN to move nagivation mark to value of position. It's possible to adjust the stick position via pressing R or L.

Press UP or DN to navigate the OPEN setting, press R or L to change the direction of the channel stick.

```
Stick Position SW...       ⊲|||||
   Position
                0%
   On
            Up
```

```
Stick Position SW...       ⊲|||||
   Status           On
       On
              Off
```

Press UP or DN to navigate the STATUS, which can check the sketch map of the stick OPEN/CLOSE direction. Check if it was set correctly.

After finished the setting, press EXT to exit.

2.9 Device select

This setting can help you configure various functional switches, or adjust levers. It includes Flight Main Switch, Flight Extra Switch, Stunt Trim, Hold Switch, Hovering Pitch, Hovering throttle.

Press ENT to enter Main Menu, press UP or DN to move navigation mark to select Model menu. Press ENT to enter Model menu function. Press UP or DN to Device select Option. Press ENT to Device select Option interface.

(1) Flight Main Switch:

Press UP or DN to move navigation mark to Flight Main Switch and press R or L to select the desired switch. The factory default setting is FMOD switch.

Device Select	⊲||||
Flight Main Switch	
FMOD SW	
Flight Extra Switch	
Inhibit	
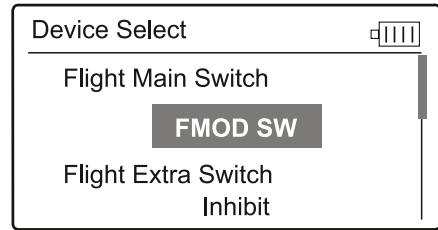
(2) Flight Extra Switch:

Press UP or DN to move navigation mark to Flight Extra Switch and press R or L to select the desired switch. The factory default setting is Inhibit.

(3) Stunt Trimt:

There are two modes: Common and Flight Mode. In Common Mode all the trim values, which various sticks are corresponding to, put equall effect on all the flight modes.In Flight Mode, the trim value, each of which stick is corresponding to, puts independent effect on the corresponding stick. The factory default setting is Common.

Press UP or DN to choose the Stunt trim, press R or L to select "Common"or "Flight Mode", the factory default setting is "Common".

(4) Hold Switch: Refer to "(1) Flight Main switch"

(5) Hovering pitch: Refer to "(1) Flight Main switch"

(6) Hovering throttle: Refer to "(1) Flight Main switch"

After finishing the setting, press EXT to exit.

2.10 Device Output

Device output can set up the output switches respectively. It can also activate, inhibit or use other functions.There are eight items in total: FMOD switch, MIX switch,ELEV D/R switch, AILE D/R switch, RUDD D/R switch,GEAR switch, SPS0, SPS1, SPS2, SPS3, left trim, right trim, AUX4 KB, AUX5 KB, AUX6 KB, AUX7 KB.
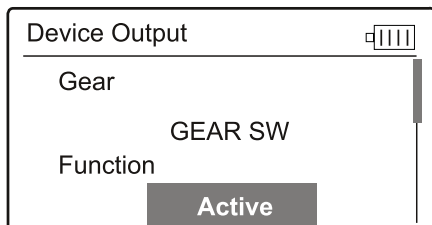
Setting:

Press ENT to enter main menu, press UP or DN to move navigation mark to Model Menu. Press ENT to enter Model Menu. Press UP or DN to select Output Device and press ENT to enter Output Device interface.

Device Output	⊲||||
Gear	
GEAR SW	
Function	
Active	

There are 7 settings:Gear, AUX2, AUX3, AUX4, AUX5, AUX6, AUX7.
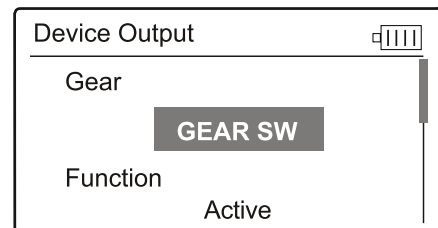
(1) Gear

Press UP or DN in output interface can change the gear switch. It includes FMOD, MIX ,ELEV D/R, AILE D/R,RUDD D/R, GEAR, SPS0, SPS1, SPS2, SPS3, Left trim, Right trim, AUX4 KB, AUX5 KB, AUX6 KB, AUX7 KB. Press R or L to select the setting switch, The default setting is GEAR SW.

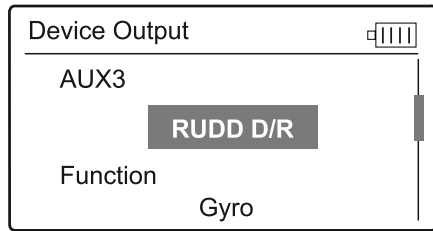| Device Output	⊲||||
Gear	
GEAR SW	
Function	
Active	

Press UP or DN to select Function Setting after you select the switch, Press R or L can enter the interface of Gear Inhibit, Active, Gyro, Governor and Pitch . The default setting is Active. You can continue to set other items after finishing.

(2) AUX 2

Press UP or DN to enter the AUX2 interface.Press R or L can change the AUX2 switch. It includes FMOD, MIX, ELEV D/R, AILE D/R, RUDD D/R, GEAR, SPS0, SPS1, SPS2, SPS3, Left trim, Right trim, AUX4 KB, AUX5 KB, AUX6 KB, AUX7 KBThe default setting is FMOD switch.

| Device Output	⊲||||
AUX2	
FMOD SW	
Function	
Gyro	
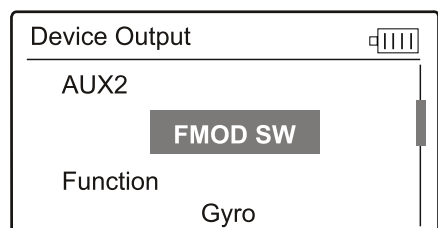
Press UP or DN to select the Function Setting, press R or L to choose the switch, it inculdes Inhibit, Active, Gyro, Governor and Pitch the default setting is Gyro. You can continue to set others items after finishing .

```
Device Output          ⊲IIII
  AUX3
         RUDD D/R
  Function
            Gyro
```

```
Device Output          ⊲IIII
  AUX2
           FMOD SW
  Function
            Gyro
```

(3) AUX3

Press UP or DN to enter AUX3 interface. Press R or L can change the AUX3 switch. It includes RUDD D/R, GEAR, SPS0,SPS1, SPS2, SPS3, Left trim, Right trim, AUX4 KB, AUX5 KB, AUX6 KB, AUX7 KB. The default setting is RUDD D/R switch.

Press UP or DN to move navigation mark to Funtion Setting. Press R or L to desired item.The optional items are Inhibit, Active, Gyro, Governor and Pitch. The factory default is Gyro. Continue to set up other items after setting finished.

```
Device Output          ⊲IIII
  AUX3
           RUDD D/R
  Function
            Gyro
```
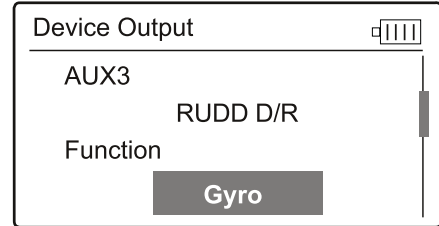
(5) AUX4, AUX5, AUX6, AUX7 settings please refers to AUX3 settings. AUX4 default setting is AUX4 KB; AUX5 default setting is AUX5 KB; AUX6 default setting is AUX6 KB; AUX7 default setting is AUX7 KB.

After finishing the setting, press EXT to exit.

2.11 Swash Type

The swash type is grouped into six options: 1 Servo Normal, 2 Servos 180°, 3 Servos 120°,3 Servos 140°, 3 Servos 90° and 4 Servos 90°.

Press ENT to enter Main Menu, press UP or DN to move navigation mark to Model Menu. Press ENT to enter Model Menu. Press UP or DN to select Swash Type and press ENT to enter Swash Type interface.

Press UP or DN to choose the required "Swash type", press ENT to confirm, the corresponding items will have the"√" mark in front of the items. Press EXT to exit after finishing.

```
Swash Type             ⊲IIII
  ✓ 1 Servo Normal
    2 Servos 180°
    3 Servos 120°
    3 Servos 140°
```
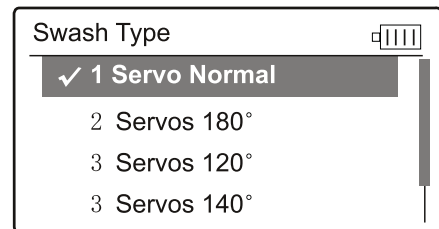
2.12 Power Amplifier

The transmission output power of DEVO 12E is adjustable. 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 farer the radio range, and the shorter the stand-by time. Choose the appropriate transmission output power according to the actual situation.

Press ENT to enter Main Menu, press UP or DN to move navigation mark to Model Menu. Press ENT to enter Model Menu. Press UP or DN to select Power Amplifier and press ENT to enter Power Amplifier interface.

```
Power Amplifier        ⊲IIII
  ✓ +20 dBm
    +15 dBm
    +10 dBm
    +5 dBm
```
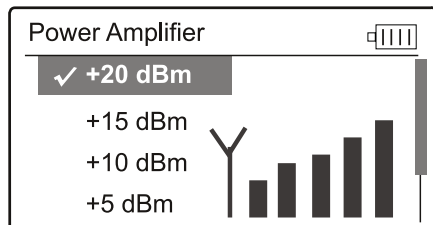
Press UP or DN to choose the desired output power value. Press ENT to confirm then the corresponding items will have "√"mark in front of the items.

Grade 6	Grade 5	Grade 4	Grade 3	Grade 2	Grade 1
20dBm	15dBm	10dBm	5dBm	0dBm	-5dBm

After the setting, press EXT to exit.

2.13 Fixed ID

This setting will bind DEVO 12E with its receiver in a unique corresponding relationship. It will greatly speed up the time of automatic binding when DEVO 12E power 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 Main Menu, press UP or DN to move navigation mark to Model Menu. Press ENT to enter Model Menu. Press UP or DN to select Fixed ID and press ENT to enter Fixed ID setting interface.

Fixed ID
Status   Off

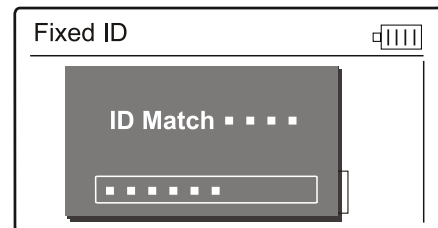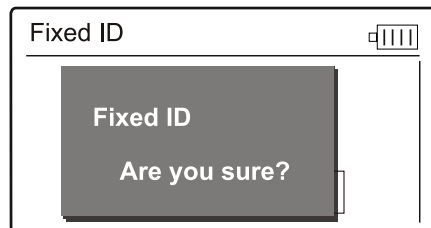| Fixed ID |
| --- |
| Status   On |
| ID Code   326186 |
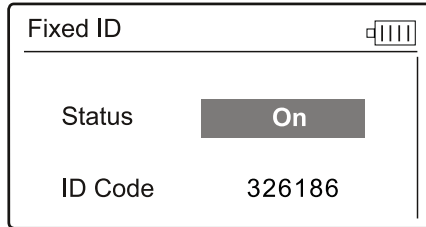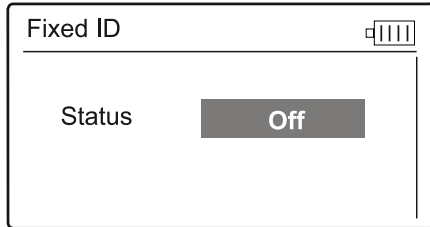
If you want to activate the fixed ID setting, press R or L to change the status from off to on. A series of random digits will be shown below after changing to on.

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.

Fixed ID
Status   On
ID Code   326186
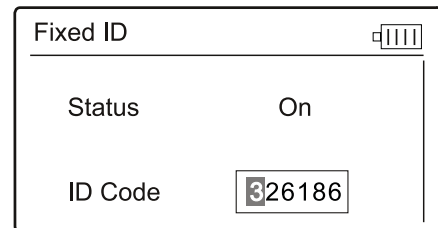
Press ENT after the new ID has been set. An inquiry interface of "Are you sure?" pop up. "ID Code Matching … …" will be shown after press ENT. After matching, the interface will be returned to Model Menu.

Fixed ID
Fixed ID
Are you sure?

| Fixed ID |
| --- |
| ID Match ▪ ▪ ▪ ▪ |
| ▪ ▪ ▪ ▪ ▪ ▪ |

(2) Fixed ID cancellation

Insert the assorted BIND PLUG into the output terminal of BATT before the receiver power 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 12E also need 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 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.

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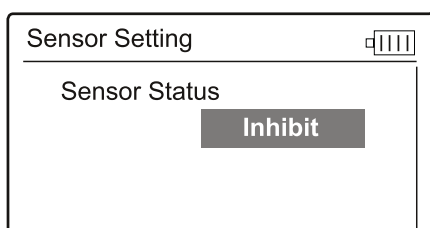
Press R or L to select Activate or Inhibit (the default setting is Inhibit), such as press Activate will includes No Signal Warning,Voltage sensor,Temperature sensor,GPS receiver setting etc.

(1) No Signal Warning

Press UP or DN to make the navigation mark to 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. Picture as right:

```
Sensor Setting            ⊂|||||

  Sensor Status
              Active
  No Signal Warning
           Inhibit
```
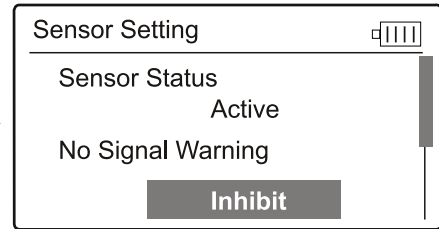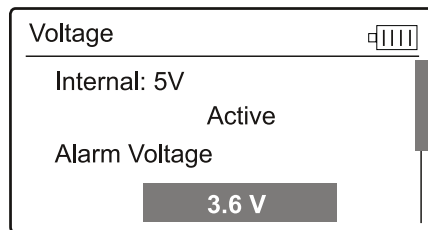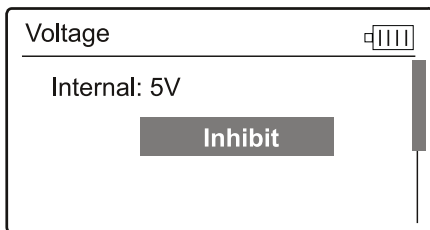
(2) Voltage setting

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.

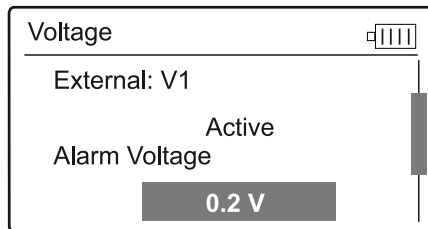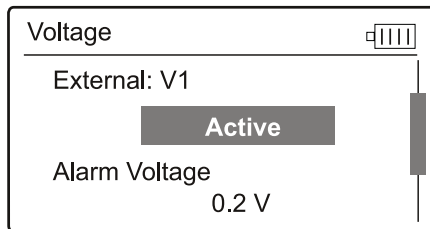(2.1) Receiver 5V(Internal) PFV(Power Feeding Voltage) Alarmed value can be setted as 3.6-

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

```
Voltage              ⊂|||||

  Internal: 5V

        Inhibit
```

```
Voltage              ⊂|||||

  Internal: 5V
              Active
  Alarm Voltage

          3.6 V
```

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 other 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.

```
Voltage              ⊂|||||

  External: V1

        Active
  Alarm Voltage
          0.2 V
```

```
Voltage              ⊂|||||

  External: V1
              Active
  Alarm Voltage

          0.2 V
```

Press UP or DN to 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 other items after you finished.

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

Press EXT back to sensor setting interface after you finished.

(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℃ or -4.0~428.0° F.

Temperature Setting:

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

```
Temperature            ⊂|||||

  Unit        Celsius

  T1          Inhibit


  T2          Inhibit
```
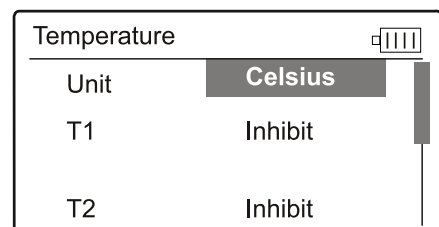
(3.1) Unit

Press UP or DN to make the navigation mark to 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 to Active 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.

```
Temperature                ⊲||||

  Unit          Celsius

  T1            Active

  Alarm          100℃

  T2            Inhibit
```
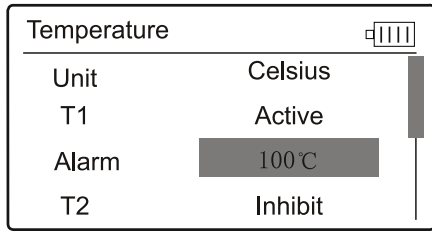
Press UP or DN to select "Alarm"setting, press R or L to set the alarm temperature value. Press UP or DN to set other items after finishing the setting.
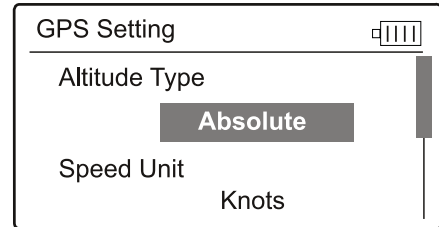
(3.3) T2, T3, T4 setting

Refer to the step of "(3.2)T1".

(4) GPS setting

```
GPS Setting               ⊲||||

  Altitude Type

            Absolute

  Speed Unit

            Knots
```

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.
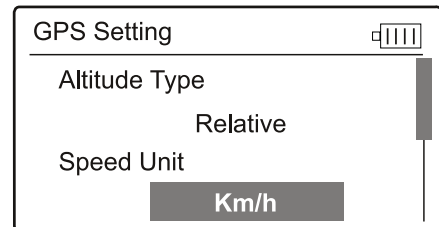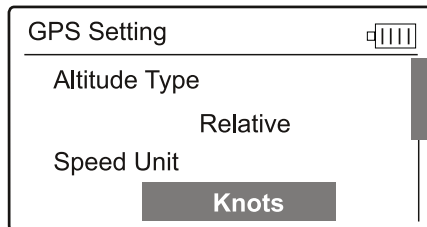
(4.1) Altitude Type

Press UP or DN to select the Altitude type on the GPS setting interface and it's Absolute and Relative.
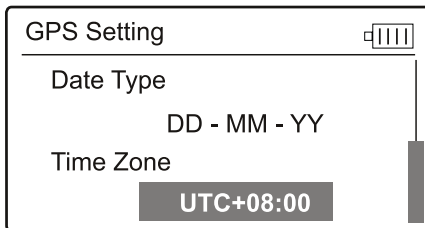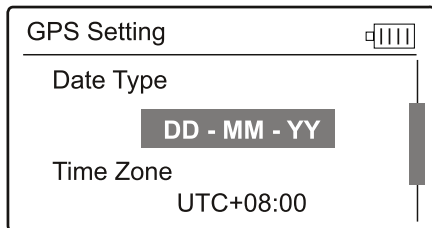
(4.2) Speed Unit

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.

```
GPS Setting               ⊲||||

  Altitude Type

            Relative

  Speed Unit

            Knots
```

```
GPS Setting               ⊲||||

  Altitude Type

            Relative

  Speed Unit

            Km/h
```

(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               ⊲||||

  Date Type

        DD - MM - YY

  Time Zone

        UTC+08:00
```

```
GPS Setting               ⊲||||

  Date Type

        DD - MM - YY

  Time Zone

        UTC+08:00
```
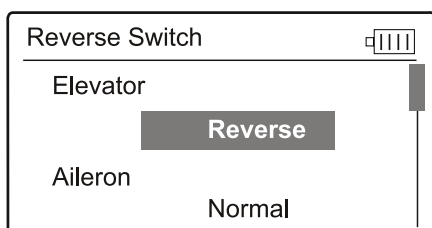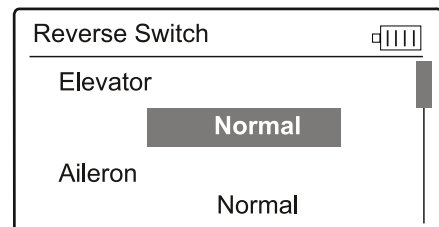
(4.4) Time Zone

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

3.0 Function Menu

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

3.1 Reverse Switch

Press ENT 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.

```
Reverse Switch            ⊲||||

  Elevator

            Normal

  Aileron

            Normal
```

```
Reverse Switch            ⊲||||

  Elevator

            Reverse

  Aileron

            Normal
```

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, AUX5, AUX6 and AUX7 can be referred to the way of ELEV Reverse Switch. And press EXT to exit after finishing setting.

3.2 Travel Adjust

Press ENT to enter into Main Menu. Press UP or DN to move navigation mark to select 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:

Travel Adjust ⊏|||||
Elevator
U100.0%
D100.0%
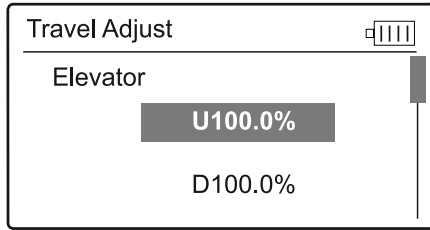
Take ELEV for example, Press UP or DN to move navigation to desired item Elevation of U. Press R or L to increase or decrease the servo travel range. The adjustment range is from 0.0% to 150.0%. The factory default is 100.0%.

Press UP or DN to move navigation mark to desired item D of ELEV. 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, AUX5, AUX6 and AUX7 can be referred to ELEV travel Ajust. Press EXT to exit after setting finished.

3.3 Sub Trim

Sub Trim can 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 select 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.

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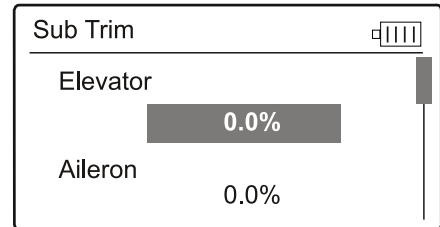
The interface show the items and the channels which are adjustable. Press R or L to change the neutral point of Servos. The factory default is 0.0%. Press UP or DN to choose desired items. The range as below:

| Channel name	Adjustment range	Channel name	Adjustment range
Elevator	D62.5% ~ U62.5%	AUX2	-62.5% ~ +62.5%
Aileron	R62.5% ~ L62.5%	AUX3	-62.5% ~ +62.5%
Throttle	L62.5% ~ H62.5%	AUX4	-62.5% ~ +62.5%
Rudder	R62.5% ~ L62.5%	AUX5	-62.5% ~ +62.5%
Gear	-62.5% ~ +62.5%	AUX6	-62.5% ~ +62.5%
Pitch	L62.5% ~ H62.5%	AUX7	-62.5% ~ +62.5%

Press EXT to exit after adjustment finished.

3.4 Dual rate and Exponential

After this function is set up, it is possible for D/R switches to control the dual rates of elevator, aileron and rudder, respectively. The setting range is covered from 0% to 125%. Under the help with exponential curve adjustment, it is possible to make both customized setting and automatic setting. The switch between Dual rate and Exponential can be performed via pushing or pulling the Flight Mode Lever.

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.
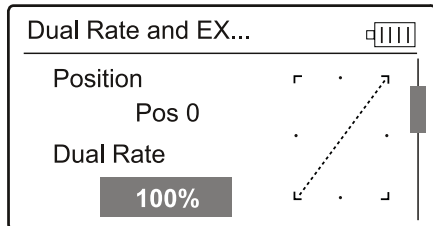
Dual Rate and EX... ⊏|||||
Channel
Elevator
Position
Pos 0
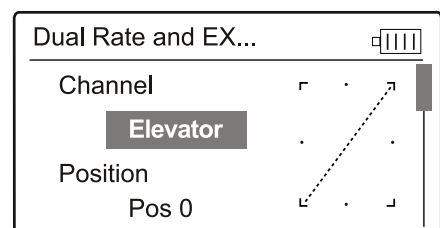
(1) Channel selection

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 manual 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

Dual Rate and EX...

Position
         Pos 0
Dual Rate
      100%

(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 ± 100% and Line three adjustment. At the same time, the corresponding curve will be changed and shown at the right graph.

Dual Rate and EX...

Dual Rate
      100%
Exponential
   **Line**
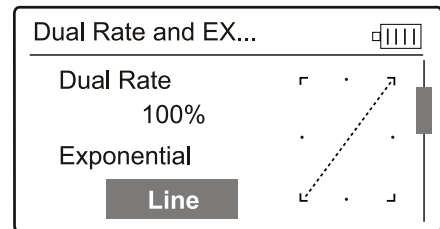
(5) Automatic setting

Under working with Flight Mode, it's possible to switch between the Dual Rate and Exponential, which are set in above"(3) Dual Rate adjustment" and "(4) Exponential adjustment", respectively.

Flight Mode

The setttings for Normal Mode, Stunt 1, Stunt 2, Stunt 3, Stunt 4 and Throttle Hold are available. But for Stunt 3 and Stunt 4, Flight Mode Extra Switch at Device Select in Mode Menu should be activated(Refer to "2.9 Device Select"), and Throttle Hold in Function Menu should be set as Active(Refer to "3.5 Throttle 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 , Pos3, Pos4 and Pos5 are valid.

Dual Rate and EX...

Normal Mode
      Pos 0
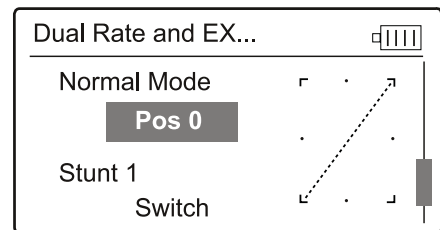
Stunt 1
      Switch

(5.2) The setting for Stunt1, Stunt2, Stunt3, Stunt4 and Throttle Hold can be set up according to above Normal Flight Setting.

Press EXT to exit after finishing 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:

Throttle Hold	
Hold Status	
Inhibit	

Throttle Hold	
Hold Status	
Active	
Hold Position	
- 5.0%	
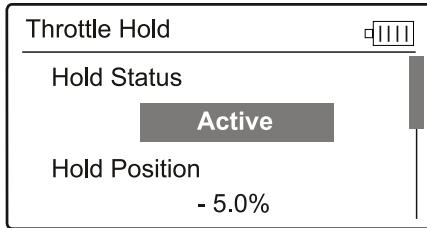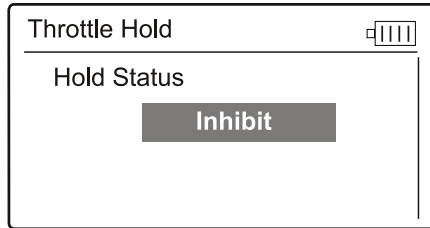
Press R or L to activate Throttle Hold function, and expansion list will be shown as Throttle hold status, Hold position Throttle Stick and Hold switch.
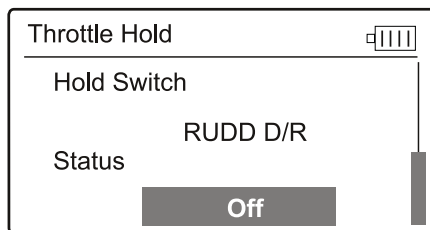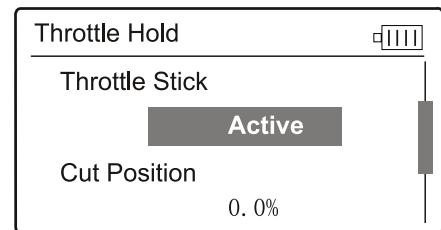
(1) There are two items under Throttle Hold Status: Active and Inhibit. The factory default setting is Inhibit.

(2) Hold Position

In the Throttle Hold interface, press UP or DN to make the Navigation mark to choose "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 Stick

on the interface "Throttle hold", choosing the Throttle Stick by button UP or DN, press R or L, the expansion list will be shown as Inhibit and Active, default setting is Inhibit, if turning Active, menu "amount decrease" will be seen, you can set it by button UP or DN, data changes will be vontrolled by R or L, the minimum is 0.0% and the maximum is 100.0%.

Throttle Hold	
Throttle Stick	
Active	
Cut Position	
0. 0%	

Throttle Hold	
Hold Switch	
RUDD D/R	
Status	
Off	

(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 include Normal Flight, Stunt 1, Stunt 2, Stunt 3 and Stunt 4 while Flight Modes Extra Switch in Device Select should be activated(Refer to "2.9 Device Select").

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.The enquiry dropdown is shown"All servos hold?" If select OK, all the servos will be locked at the current status, if click Cancel, all the servos will be unlocked at the current status.

Throttle Curve	
All Servos Hold?	
OK	**Cancel**

Throttle Curve	
Flight Mode	0.0 . . . 0.0
Normal...	
Exponential	
Off	L 1 2M3 4 H
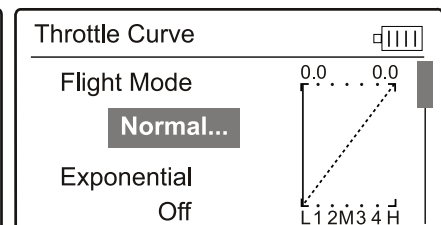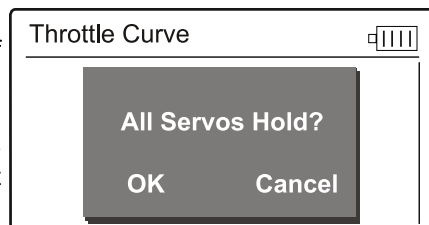
(1) Flight Mode

There are total five flight modes: Normal Flight, Stunt 1, Stunt 2, Stunt 3 and Stunt 4. 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 exponential can be adjusted after Flight Mode is selected.